

Redashe

40

40th ANNIVERSARY
EDITION

www.redashe.com

REDASHE LIMITED was founded in June 1983 by the managing director, Neil Redley. Operating in four specialist sales divisions, REDASHE LIMITED imports a wide range of automotive and industrial equipment on a sole-agency basis from original manufacturers worldwide. The equipment is distributed directly through the four sales divisions as follows:-

THE AUTOMOTIVE DIVISION

The automotive division distributes equipment to all sectors of the automotive trade including, vehicle manufacturing and assembly plants, vehicle body repair facilities, garages and servicing centres, workshop equipment installers, tyre and exhaust fitters. Distribution within this division is by a comprehensive distributor network and also on a direct basis.

THE HOSE REEL DIVISION

The industrial division distributes equipment to a diverse customer base including the following sectors. Food and drink (including dairy, meat, breweries etc), chemical, fabrication, plant and construction, mining, marine, engineering, welding, maintenance, OEM's, agriculture, off-shore (oil production etc), government bodies (M.O.D., M.A.F.F, etc) and local authorities.

THE AEROSPACE DIVISION

The aerospace division distributes specialist equipment to the servicing and maintenance sectors of the aerospace market. Customers include, British Airways, Aer Lingus, Airship Industries, B.H. Pacific (Australia), British International Helicopters, Monarch Airlines, Pakistan Airlines, M.O.D. (Royal Navy and Royal Air Force) and the United States Air Force. The aerospace division also supplies equipment to other specialist markets including Formula One racing teams. Distribution is primarily on a direct basis complimented by selected specialist distributors.

THE LUBRICATION DIVISION

The lubrication division supplies equipment on a direct basis to original equipment manufacturers, local authorities and major manufacturing companies throughout the UK. A selected distribution network is also in existence to offer product and service to a completely vast range of industries and services.

SALES AND TECHNICAL SUPPORT

Our sales and support staff are ready to help you with any aspect of your enquiry. With many years of hands-on experience we can advise on the best product for your particular application. If the exact product you need is not shown please contact us with your specific requirements. Special purpose and custom-built products are available for many applications not shown in this catalogue.

Redashe is continuously seeking and evaluating new products. In addition, the company seeks to maintain and strengthen its position by sourcing new distributors for its products both in existing and new markets.

Redashe has a policy of maintaining and promoting its reputation with its distributors and customers for quality, promptness and an economic price for products supplied. This policy is supported by a company quality system developed by the management team at Redashe Limited and is recognised with ISO 9001 certification.

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Warranty Information

All products supplied by Redashe are warranted from 1 to 10 years depending on manufacturer. If within the warranty period any such product is proved, to the satisfaction of Redashe, to be defective the product shall be repaired or replaced at the discretion of Redashe without charge. No responsibility is assumed for improper choice of models or where products are used in excess of their rated capacities and design functions. All hose supplied by Redashe is sourced from reliable commercial sources and is recommended for use on the basis of data supplied by the manufacturer. Redashe assumes no responsibility for any other application or use. Hose supplied by Redashe carries the warranty as listed by the manufacturer.

A flexible connection must be used between the hose reel and supply. Use of a solid connection will void the swivel warranty.



Certificate Number 4601
ISO 9001



HOSE REELS

- P6-14 Heavy Duty, Powder Coated, Spring Rewind Hose Reels
- P15-21 Heavy Duty, Powder Coated, Manual Rewind Hose Reels
- P18-21 Heavy Duty, Powder Coated, Manual, Electric, Air and Power Rewind Hose Reels
- P22-24 Powder Coated and Stainless Steel, Portable and Hand Cart Hose Reels
- P25-28 Heavy Duty, Stainless Steel, Spring Rewind Hose Reels
- P28-30 Heavy Duty, Stainless Steel, Manual Rewind Hose Reels
- P31-32 Heavy Duty, Stainless Steel, Manual, Electric, Air and Power Rewind Hose Reels
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- P60-61 Polypropylene, Spring Rewind Garden Reels
- P62-64 Hose Reel Accessories and Water Guns
- P65 Zeca bespoke Cable Reels
- P66 Bespoke Hose and Cable Reels for Heavy Industry



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LUBRICATION EQUIPMENT

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AVIATION EQUIPMENT

- P156 Anti-static Spotblaster
- P157 Coxreel Static Discharge Cable Reel
Koreel Anti-Static Grounding Reel
- P158 ACK-2 Aviation Lubrication
Accessory Kit
- P159 Flexigun and KY+ Grease
Coupler
- P160 K7 Mini-Lube and P3
Power Lube



AUTOMOTIVE EQUIPMENT

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INDUSTRIAL EQUIPMENT

- P226-227 Indestructible Handle
Hammers
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Heavy Duty Spring Rewind Reels

FEATURES:

- Heavy duty steel construction with durable blue powder finish
- Double supported solid 1" steel axle
- Multi-position roller arm gives full range of mounting options
- Four way, non-sag roller guides to reduce hose wear
- 1/4" steel mounting base for maximum stability
- Slotted and drilled mounting holes for easy installation
- Latching of hose at any length
- Fully automatic hose rewind for neat and tidy storage
- Externally mounted full flow swivel for maximum product delivery
- Supplied as bare reel, hose available at extra cost (Application required)



P-LP/SH Heavy Duty Spring Rewind Reels

Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	length (m)			
P-LPL-125	1/4"	1/2"	8	300	1/4" BSPF	1
P-LPL-150	1/4"	1/2"	15	300	1/4" BSPF	2
P-LPL-325	3/8"	5/8"	8	300	3/8" BSPF	1
P-LPL-350	3/8"	5/8"	15	300	3/8" BSPF	2
SHL-N-375	3/8"	5/8"	22.5	300	3/8" BSPF	4
SHL-N-3100	3/8"	5/8"	30	300	3/8" BSPF	4
P-LPL-425	1/2"	7/8"	8	300	1/2" BSPF	2
SHL-N-450	1/2"	7/8"	15	300	1/2" BSPF	3
SHL-N-475	1/2"	7/8"	22.5	300	1/2" BSPF	4
SHL-N-4100	1/2"	7/8"	30	300	1/2" BSPF	4
SHL-N-525	3/4"	1 1/8"	8	300	3/4" BSPF	3
SHL-N-550	3/4"	1 1/8"	15	300	3/4" BSPF	4
SHL-N-575	3/4"	1 1/8"	22.5	300	3/4" BSPF	6
SHL-N-635	1"	1 7/16"	10.5	300	1" NPTF	5
SHL-N-650	1"	1 1/2"	15	300	1" NPTF	6

Please call for the available hose options

Coxreel series P-LP/SH heavy duty hose reels are engineered for rugged durability. Constructed in 'heavy gauge' powder coated steel for maximum strength and reliability, these spring rewind reels provide years of trouble free service with minimum maintenance. The multi-position roller arm adjusts for wall, overhead and floor mounting options, while the full flow swivel ensures maximum product delivery. All models available with or without fitted hose.

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	152	368	349	11 kg
2	156	464	438	18 kg
3	235	533	498	25 kg
4	235	648	584	37 kg
5	254	648	584	32 kg
6	318	648	610	34-35 kg

P-MP/MP/P-HP/HP Heavy Duty Spring Rewind Reels

Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
P-MPL-325	3/8"	5/8"	8	3000	3/8" BSPF	1
MPL-N-350	3/8"	5/8"	15	3000	3/8" BSPF	2
MPL-N-375	3/8"	5/8"	22.5	3000	3/8" BSPF	3
MPL-N-3100	3/8"	5/8"	30	3000	3/8" BSPF	3
P-MPL-425	1/2"	3/4"	8	2500	1/2" BSPF	1
MPL-N-450	1/2"	3/4"	15	2500	1/2" BSPF	2
MPL-N-475	1/2"	3/4"	22.5	2500	1/2" BSPF	3
MPL-N-4100	1/2"	3/4"	30	2500	1/2" BSPF	3
P-HPL-125	1/4"	1/2"	8	5000	1/4" BSPF	1
HPL-N-150	1/4"	1/2"	15	5000	1/4" BSPF	2
HPL-N-1100	1/4"	1 7/32"	30	5000	1/4" BSPF	3
P-HPL-325	3/8"	3/4"	8	4000	3/8" BSPF	1
HPL-N-350	3/8"	3/4"	15	4000	3/8" NPTF	2

Please call for the available hose options

Designed for medium and high pressure delivery of water, oil and grease these heavy duty reels feature the same design benefits as the P-LP/SH series. The oil and grease models are ideally suited to lubrication systems in automotive workshops where durability and reliability are paramount.

For pressure washer users the 3000 psi/150°C rating of the medium pressure water reels provides a solution to the problem of persistent hose damage.

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	178	464	438	19 kg
2	235	533	498	24 kg
3	235	648	584	37 kg

C Dual Spring Rewind Hose Reels

Redashe C dual hose reels feature two heavy duty spring rewind hose reels on a single support post. Each reel operates independently for delivery of air or water, oil, grease etc. Finished in a durable powder coated paint to resist corrosion. C reels are ideal for twin service applications at one location reducing installation time and maximising use of available space. Both reels feature multi-position roller arms and latching of hose with fully automatic spring rewind. Swivels and spring cans are externally mounted for ease of access for servicing.

FEATURES:

- Independent operation of each reel
- Heavy duty steel construction with durable blue powder coat finish
- Heavy duty 1/4" plate steel support post
- Twin solid 1" steel axles
- Multi-position roller guide arm
- Non-sag roller guides
- Latching of hose at any length
- Fully automatic hose rewind
- Full flow swivels for maximum product delivery
- Twin 1" oil-lite self-lubricating bearings
- Supplied as bare reel, Hose available at extra cost (Application required)



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
C-LPL-325-325	3/8"	5/8"	2 x 8	300	3/8" BSPF	1
C-LPL-350-350	3/8"	5/8"	2 x 15	300	3/8" BSPF	1
C-LPL-425-425	1/2"	7/8"	2 x 8	300	1/2" BSPF	1
C-MPL-335-335	3/8"	5/8"	2 x 10.5	3000	3/8" BSPF	3
C-MPL-430-430	1/2"	3/4"	2 x 9	2500	1/2" BSPF	3
C-HPL-135-135	1/4"	17/32"	2 x 10.5	5000	1/4" BSPF	3
C-HPL-330-330	3/8"	43/64"	2 x 9	4000	3/8" BSPF	3

Please call for the available hose options



Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	279	457	432	29 kg
3	318	464	438	31 kg

SP High Capacity Spring Rewind Hose Reels

SP high capacity reels are designed for high volume delivery of air, water and oil at low and medium pressures. Constructed in heavy gauge powder coated steel, SP reels are suitable for fixed applications or on mobile service vehicles where longer lengths or larger diameters of hose are necessary but the convenience of spring rewind is still required. The roller guide can be set for floor, wall or overhead installation.

FEATURES:

- Double supported steel axle
- Stainless steel roller guides reduce hose wear
- Reinforced steel frame for maximum stability
- Latching of hose at any length
- Externally mounted full flow swivel for maximum product delivery
- Supplied as bare reel, hose available at extra cost (Application required)
- Supplied with mild steel plumbing, stainless steel plumbing on request



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
SLPL-575	3/4"	1 1/4"	22.5	300	3/4" BSPF	2
SLPL-5100	3/4"	1 1/4"	30	300	3/4" BSPF	2
SLPL-650	1"	1 1/2"	15	300	1" NPTF	3
SLPL-675	1"	1 1/2"	22.5	300	1" NPTF	4
SLPL-725	1 1/4"	1 13/16"	8	250	1 1/2" NPTF	5
SLPL-750	1 1/4"	1 13/16"	15	250	1 1/2" NPTF	6
SLPL-825	1 1/2"	2 1/16"	8	250	1 1/2" NPTF	5
SLPL-835	1 1/2"	2 1/16"	10.5	250	1 1/2" NPTF	7
SLPL-850	1 1/2"	2 1/16"	15	250	1 1/2" NPTF	8
SMPL-575	3/4"	1 1/4"	22.5	3000	3/4" BSPF	2
SMPL-5100	3/4"	1 1/4"	30	3000	3/4" BSPF	2
SMPL-625	1"	1 1/2"	8	3000	1" NPTF	3
SMPL-650	1"	1 1/2"	15	3000	1" NPTF	3
SMPL-675	1"	1 1/2"	22.5	3000	1" NPTF	4

Please call for the available hose options



Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	521	521	572	41 kg
2	508	622	660	57 kg
3	533	521	648	50 kg
4	533	724	762	67 kg
5	330	622	660	50 kg
6	330	724	762	56 kg
7	330	724	762	58 kg
8	508	724	762	63 kg

DP Dual Spring Rewind Hose Reels

Redashe DP reels feature two independent swivel joints and two outlet risers to simultaneously handle two hoses of equal length on one reel. Siamesed, separate or hoses of different diameters can be accommodated in which case the larger hose diameter determines the capacity of the reel. Finished in a durable powder coated paint to resist corrosion. DP reels are ideal for twin service delivery to a single source or flow/return applications. All reels feature latching of hose with fully automatic spring rewind.

FEATURES:

- Twin inlets/outlets on a single drum
- Heavy duty steel construction with durable blue powder finish
- Reinforced steel frame for maximum stability
- Suitable for floor, wall or overhead mounting
- Latching of hose at any length
- Fully automatic spring rewind
- Externally mounted full flow swivels for maximum product delivery
- Four way stainless steel roller guides reduce hose wear
- All working parts easily accessible for servicing
- Supplied as bare reel, hose available at extra cost (Application required).



Model reference	Hose capacity			Max PSI	Swivel in/Out	Size index
	I.D.	O.D.	Length (m)			
DLPL-350	3/8"	5/8"	2 x 15	300	3/8" BSPF	1
DLPL-3100	3/8"	3/4"	2 x 30	300	3/8" BSPF	2
DLPL-450	1/2"	7/8"	2 x 15	300	1/2" BSPF	1
DLPL-4100	1/2"	7/8"	2 x 30	300	1/2" BSPF	3
DMPL-350	3/8"	5/8"	2 x 15	3000	3/8" BSPF	1
DMPL-3100	3/8"	25/32"	2 x 30	3000	3/8" BSPF	2
DMPL-450	1/2"	7/8"	2 x 15	3000	1/2" BSPF	1
DMPL-4100	1/2"	29/32"	2 x 30	3000	1/2" BSPF	3

Further models are available in this range. Details on request.

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	559	521	572	46 kg
2	572	622	660	55 kg
3	572	724	762	63 kg

Reelworks - 808 Series

The 808 series are a high performance spring rewind hose reels constructed in heavy gauge powder coated steel for use in most low/medium and high pressure applications. The 4 position roller guide arm adjusts for wall, overhead or ceiling mounting positions. All reels come supplied with fitted hose.

FEATURES:

- Corrosion resistant powder coating
- Solid 1" steel axle
- Multi-position ratchet lock
- Spring fully enclosed and lubricated
- Latching of hose at any length
- Guide arm adjustable handling up to 4 positions
- All brass swivel assembly
- C808-450M supplied in white. All other C808 reels are supplied in black

Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
Low pressure air/water reels						
C808-350L	3/8"	300/20	3/8"	50'/15	55H x 22W x 53D	24/26
C808-366L	3/8"	300/20	3/8"	66/20	55H x 22W x 53D	24/26
C808-450L	1/2"	300/20	1/2"	50'/15	55H x 22W x 53D	27/29
C808-466L	1/2"	300/20	1/2"	66/20	55H x 22W x 53D	27/29
Medium pressure air/water reels						
C808-350M	3/8"	2250/155	3/8"	50'/15	55H x 22W x 53D	24/26
C808-450M	1/2"	2000/138	1/2"	50'/15	55H x 22W x 53D	26/28
C808-466M	1/2"	2000/138	1/2"	66/20	55H x 22W x 53D	27/29
High pressure grease/hydraulic oil reels						
C808-150H	1/4"	5000/345	1/4"	50'/15	55H x 22W x 53D	26/28
C808-365H	3/8"	4000/276	3/8"	65/20	55H x 22W x 53D	31/33



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Reelworks - 809 Series

The 809 series are a high performance spring rewind hose reels constructed in heavy gauge powder coated steel for use in most low/medium and high pressure applications. The 4 position roller guide arm adjusts for wall, overhead or ceiling mounting positions. All reels come supplied with fitted hose.

FEATURES:

- Heavy duty steel construction with corrosion resistant powder coating
- 129mm wide L-shaped base ensures stable support
- Guide arm adjustable for handling up to 4 positions
- Multi-position ratchet lock
- Spring fully enclosed and lubricated
- Wall, ceiling, or floor mounted
- Latching of hose at any length
- All brass swivel assembly

Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
Low pressure air/water reels						
C809-325L	3/8"	300/20	3/8"	25/8	39H x 16W x 29D	13/14.5
Medium pressure air/water reels						
C809-325M	3/8"	2250/155	3/8"	25/8	39H x 16W x 39D	14.5/16
High pressure grease/hydraulic oil reels						
C809-325H	3/8"	4000/276	3/8"	25/8	39H x 16W x 39D	16/17.5



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Reelworks - CHR826 Spring Rewind Safety Series

The HR826 series is a high-performance safety spring rewind hose reel constructed in heavy gauge powder coated carbon steel. The reel is equipped with a slow retract function, which prevents the hose from speeding back into the reel if the operator accidentally lets go of the hose. This feature helps protect people from injury and objects from potential damage. This reel is ideally suited to carry up to 66'/20m x 3/8" or 1/2" hose, with floor, wall, and ceiling mount options.

FEATURES:

- Constructed in heavy gauge powder coated carbon steel
- Double arm structure for stability and versatile adjustments
- Slow retraction system- prevents hose from speeding back to the reel if the hose is let go – safe operation.
- Latching of hose at any length
- Supplied as bare reel, hose available at extra cost (application required)



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Model	I.D.	Length	Max Pressure PSI / BAR	Inlet/Outlet	Width	Height	Depth	Weight NW / GW
CHR826-12-466L	3/8"	66' / 20m	300 / 20	3/8" BSPTF	27cm	55cm	50cm	18kg / 20kg
CHR826-14-466L	1/2"	66' / 20m	300 / 20	1/2" BSPTF	27cm	55cm	50cm	18kg / 20kg

Reelworks - 820 Series

The Redashe 820 Series are high performance spring rewind hose reels, constructed in Powder coated steel with the base and roller guide arms galvanized. Twin supports make this reel ideal for high-pressure jet washing either static or on mobile vehicles.

FEATURES:

- Heavy duty steel construction for a long life in both the industrial and automotive sectors
- Reel drum has been coated, with a durable black powder coated finish
- Dual pedestal base
- Double supported 1 3/8" axle
- Full flow shaft and swivel assembly, structurally reinforced
- Multi position roller guide assembly
- Latching of the hose at any required length up to 15m (50')
- Four way roller guides to reduce hose wear
- Floor, wall or ceiling mount
- Internally mounted fully enclosed and lubricated spring assembly
- 12 month manufacturers warranty (excluding hose and seals)



Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	Weight (lbs/kgs)
			I.D. (inch)	Length (ft/m)		
C820-350H	3/8"	4000/276	3/8"	50'/15	52H x 23W x 54D	60/27

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Reelworks - 880 Series

The Redashe 880 Series, are a high performance spring rewind hose reel, constructed in Powder coated steel. Twin supports make this a sturdy low-pressure reel for longer and larger lengths of hose, ideal for compressed air, or water delivery at 70°C. All reels come supplied with a low pressure air/water hose for the mentioned applications.

FEATURES:

- Non-slag roller guide to reduce hose wear
- Latching of hose at any length
- Corrosion resistant powder coated finish, black as standard
- Full flow external swivel assembly, ensures maximum product delivery
- Suitable for floor, wall, ceiling or vehicle mount
- Fully automatic hose rewind for neat and tidy storage
- Dual pedestal base
- Double supported 1 3/8" axle
- Multi position roller guide assembly
- Externally mounted fully enclosed and lubricated spring assembly



Reelworks
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Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
C880-4100L	1/2"	300/20	1/2"	100'/30	68H x 39W x 66D	56/65
C880-550L	3/4"	300/20	3/4"	65'/20	68H x 39W x 66D	58/63
C880-650L	1"	300/20	1"	50'/15	68H x 39W x 66D	60/65

Koreel CRHA 940M

The CCRHA-940 hose reel is suitable for applications where longer lengths of hose are required from a spring rewind hose reel. Constructed in heavy gauge powder coated steel for strength and reliability, this reel has the capacity to carry 40m x 3/8" ID jetting Hose. Maximum working pressure 3000 psi, (206 bar).

FEATURES:

- Twin pedestal supports
- Heavy gauge all steel construction
- Durable blue powder coated finish
- Full flow swivel for maximum products delivery
- Swept riser assembly for easy hose installation
- Fitted with Viton seals
- 40m hose capacity
- Externally mounted spring canister and swivel assembly for easy maintenance
- Rolled and ribbed side discs for strength and rigidity
- 4 way roller guide to reduce hose wear
- Floor or wall mounting options
- Supplied as bare reel, hose available at extra cost (Application required)



For up to date information and prices
please visit - www.redashe.com

Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm) WxDxH	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
CCRHA-940	3/8"	3000psi	3/8"	40m	20x62x65	30kg

KOREEL

CCTWA-1315M High Visibility, Compact Spring Rewind Reel

Powder coated CCTWA compact spring rewind hose reel. Constructed in heavy gauge mild steel for strength, performance and reliability. Units can be used for multiple applications to include air, oil and water. Their compact size both in height and width make this an ideal unit for both small and large work areas.

FEATURES:

- Compact lightweight design
- Constructed in Heavy duty mild steel
- Finished in our highly visible, yellow powder coated finish
- Rolled side discs for strength and rigidity
- Large 4 way roller guide to reduce hose wear
- Externally mounted main spring canister and swivel assembly
- Pressures up to 2250psi
- 2 year manufacturers warranty



KOREEL

Model	I.D.	O.D.	Length	Max Pressure	Weight	Reel Dimensions (mm) W x D x H
CCTWA-1315	1/2"	7/8"	15m	2250 psi	15 kgs	290 x 380 x 370

CRHA Spring Rewind High Visibility, High Capacity Reels

High visibility, high capacity CRHA series spring rewind hose reels. Constructed in a heavy gauge steel and finished in a durable, high gloss, powder coated paint. Strength, performance and reliability are the signature features of this series of reel, along with the professional, modern look. Capacities range from 30m x 3/8" to 30m x 1" of internal bore hose, with working pressures up to 2,700psi. The compact size both height and width make this range of reel a must for applications where longer and larger hoses are required.

FEATURES:

- Constructed in heavy gauge mild steel
- Highly visible yellow powder coated finish
- Rolled and ribbed side discs for strength and rigidity
- Large 4 way roller guide to reduce hose wear
- Externally mounted spring canister and swivel assembly for easy maintenance
- Floor, wall mounting options
- Pressures up to 2700psi ■ Capacities up to 30m

Supplied as bare reel, hose available at extra cost (Application required).

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CRHA-920	3/8"	5/8"	20m	2700 psi	3/8" / 3/8"	316 x 525 x 485	22
CRHA-930	3/8"	5/8"	30m	2700 psi	3/8" / 3/8"	316 x 575 x 540	26
CRHA-1320	1/2"	7/8"	20m	2500 psi	1/2" / 1/2"	378 x 525 x 485	24
CRHA-1330	1/2"	7/8"	30m	2500 psi	1/2" / 1/2"	378 x 575 x 540	30
CRHA-1910	3/4"	1 1/8"	10m	1500 psi	3/4" / 3/4"	367 x 503 x 515	35
CRHA-1920	3/4"	1 1/8"	20m	1500 psi	3/4" / 3/4"	378 x 575 x 565	40
CRHA-1930	3/4"	1 1/8"	30m	1500 psi	3/4" / 3/4"	448 x 625 x 620	45
CRHA-2510	1"	1 1/2"	10m	1200 psi	1" / 1"	425 x 503 x 515	45
CRHA-2520	1"	1 1/2"	20m	1200 psi	1" / 1"	448 x 575 x 565	48
CRHA-2530	1"	1 1/2"	30m	1200 psi	1" / 1"	496 x 568 x 620	50



Reelworks C213-25 Series ATEX Approved Reels

The HR223 series is a high-performance spring rewind hose reel constructed in 304 stainless steel and the HR213 in powder coated carbon steel. It is designed to meet the requirements of the ATEX directive for electrical and mechanical equipment materials intended for use in potentially explosive atmospheres. The hose can be floor, wall and ceiling mounted.

FEATURES:

- Constructed in heavy duty 304 stainless steel (C223-2530SSEX)
- Constructed in heavy gauge powder coated carbon steel (C213-2520EX)
- Double arm structure for stability and versatile adjustments
- RoHS and REACH compliant
- Ex h IIB T4 Gb. Ta = -20°C to + 60°C
- Latching of hose at any length
- Supplied as bare reel, hose available at extra cost (Application required)

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Model	I.D.	Length	Max Pressure PSI / BAR	Inlet/Outlet	Width	Height	Depth	Weight NW / GW
C223-2530SSEX	1"	100' / 30m	150 / 10	1" BSPTF	51cm	59cm	59cm	42kg / 57kg
C213-2520EX	1"	66' / 20m	150 / 10	1" BSPTF	51cm	59cm	59cm	44kg / 59kg



Reelworks C2910 Series Spring Rewind Enclosed Reels

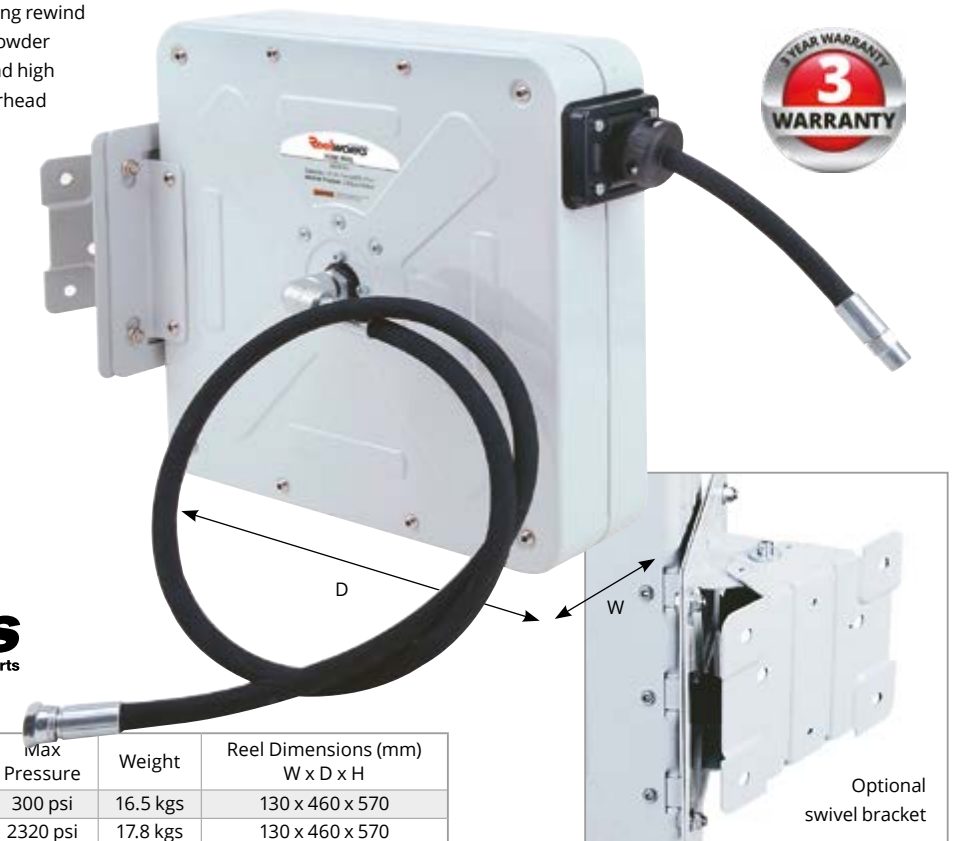
The 2910 series are a high performance spring rewind enclosed reel constructed in heavy gauge powder coated steel for use in most low, medium and high pressure applications. Suitable for wall, overhead or ceiling mounting applications. All reels come supplied with fitted hose and optional swiveling bracket available on request.

FEATURES:

- C2910-7153 suitable for use with air and water up to 300psi
- C2910-8104 suitable for use with air, water and oil up to 2320psi
- Compact design for easy installation
- Spring fully enclosed and lubricated
- Latching of hose at any length
- High quality stress free swivel assembly
- Supplied with 1.5m feeder hose
- Optional swiveling bracket CP-2910

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Model	I.D.	Inlet/Outlet	Length	Max Pressure	Weight	Reel Dimensions (mm) W x D x H
C2910-7153	3/8"	3/8"	10m	300 psi	16.5 kgs	130 x 460 x 570
C2910-8104	1/2"	1/2"	10m	2320 psi	17.8 kgs	130 x 460 x 570



Reelworks - 808 Series Adblue/DEF

The 808 series Adblue or DEF (diesel exhaust fluid) reel is a high performance spring rewind hose reels constructed in either heavy gauge powder coated steel or 304 stainless steel. Supplied with an externally mounted stainless steel swivel fitted with Viton seals. The 4-position roller guide arm adjusts for wall, overhead or ceiling mounting positions. Hose available on request.

FEATURES:

- Corrosion resistant powder coating or 304 stainless steel construction
- Guide arm adjustable handling up to 9 positions
- Solid 1" steel axle
- Multi-position ratchet lock
- Spring fully enclosed and lubricated
- Latching of hose at any length
- All stainless steel, full flow, swivel assembly
- Externally mounted



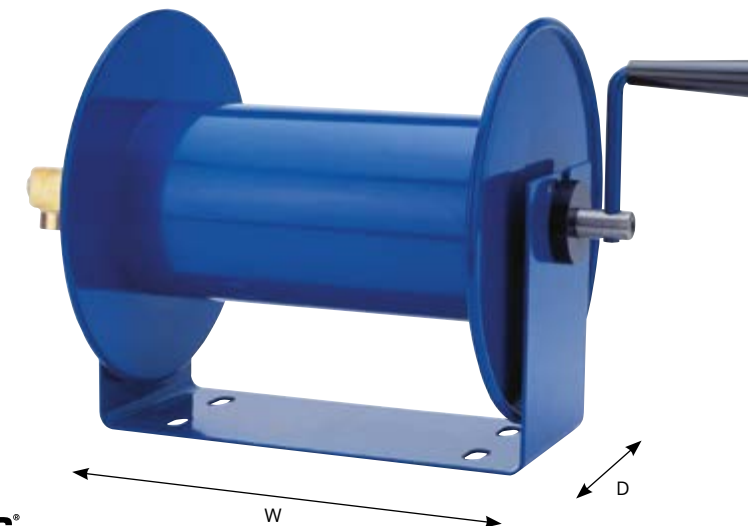
Item	Inlet/outlet (inch)	Max pressure (bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (m)		
C808-525AB	3/4"	20	3/4"	8	55H x 24W x 53D	20
CSS808-525AB	3/4"	20	3/4"	8	55H x 24W x 53D	20

Challenger High Pressure Hand Cranked Hose Reels

'Challenger' offers high performance in a compact, lightweight hand cranked hose reel. Constructed in heavy gauge steel with a durable powder finish Challenger reels are suitable for wall, floor or bench mounting. They can also be installed on mobile pressure washer units or trailers where size and weight are important factors. Although designed primarily for pressure wash and steam cleaning applications these reels can also be used with air and washdown hoses - ask for details. Selected models also available in stainless steel (See page 29).

FEATURES:

- Lightweight, compact design
- Heavy duty steel construction
- Durable baked powder coat finish
- Standard 4000psi working pressure
- Maximum temperature 107°C
- Full flow swivel for maximum product delivery
- Adjustable drag brake to prevent hose overspill
- Wall, floor, bench or mobile mounting
- Supplied as bare reel, hose available at extra cost (Application required)



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Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
112L-3-100	3/8"	5/8"	30	4000	3/8" BSPF	1
112L-3-150	3/8"	5/8"	45	4000	3/8" BSPF	2
117L-3-250	3/8"	5/8"	75	4000	3/8" BSPF	3
112L-4-75	1/2"	7/8"	22.5	4000	1/2" BSPF	2
117L-4-225	1/2"	7/8"	69	4000	1/2" BSPF	4

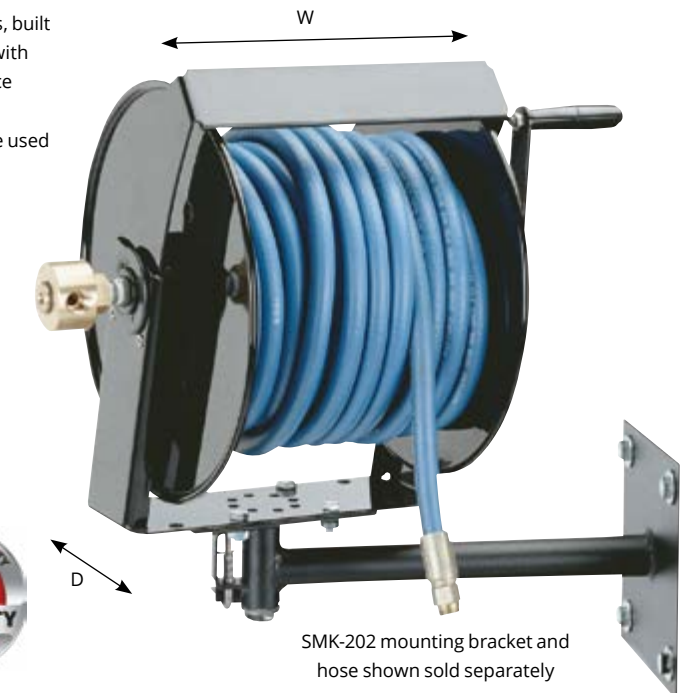
Size index	W		H	D	Weight (bare reel & cart)
	Inc handle	Inc cart			
1	464	330	305		9 kgs
2	578	330	305		10 kgs
3	464	457	432		14 kgs
4	578	457	432		14 kgs

SM Swivel Mount Hand Cranked Hose Reels

Redashe SM Series Swivel Mount hose reels are compact, versatile hand crank reels, built to perform at working pressures up to 4000 psi. Constructed in heavy gauge steel with a durable powder finish, SM swivel mount reels are ideal for workshops where space is limited or where hose applications are more varied or mobile. Although designed primarily for pressure wash and steam cleaning applications these reels can also be used with air and washdown hoses - ask for details.

FEATURES:

- Single piece U-shaped frame design
- Direct hand crank rewind design
- Reel handles temperatures from -28°C to 149°C
- Wall mount bracket with 8-position lock pin
- Easily wraps, stores and protects hose improving workplace safety
- Unique hose control bar keeps hose from slipping off the side disc
- High quality steel construction and durable gloss black Powder coat finish
- Rolled edges for maximum strength and safety
- Full flow solid brass Noncorrosive ESP swivel
- Swivel O-ring seals, supported by Teflon® spacers, warrant consistency and durability
- Adjustable hand brake prevents backlash when unreeling
- Supplied as bare reel, hose available at extra cost (Application required)



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
SM12-3-100	3/8"	3/4"	30	4000	3/8" BSPF	1
SM17-3-250	3/8"	3/4"	75	4000	3/8" BSPF	2
SM17-4-125	1/2"	7/8"	38	4000	1/2" BSPF	2

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	464	343	305	7 kg
2	484	470	432	9 kg

Reelworks - 208 Series

The 208 series is a high performance hand cranked hose reel constructed in heavy gauge powder coated steel for use in most low/medium pressure applications. This reel is ideally suited to carry up to 30m x $\frac{3}{8}$ " jet wash hose, with floor, wall and vehicle mount options.

FEATURES:

- Constructed from tubular and formed steel for superior strength and durability
- Corrosion resistant powder coated finish, black as standard
- Full flow, brass swivel assembly, ensures maximum product delivery
- Suitable for floor, wall, work bench mounting, ideal for mobile applications
- Spring loaded lock pin prevents hose from de-reeling
- Supplied as bare reel, hose available at extra cost (Application required)

For up to date information and prices please visit - www.redashe.com

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Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
C208-3-100H	$\frac{3}{8}$ "	3000/200	$\frac{3}{8}$ "	100/30	43H x 41W x 34D	7.5
C208-4-65H	$\frac{1}{2}$ "	3000/200	$\frac{1}{2}$ "	65/20	43H x 41W x 34D	7.5



Reelworks - 460 Series

The 460 series is a high performance hand cranked hose reel constructed in heavy gauge powder coated steel for use in most low/medium pressure applications. This reel is ideally suited to carry up to 105m x $\frac{3}{8}$ " jet wash hose, with floor, wall and vehicle mount options.

FEATURES:

- Designed for industrial applications where longer lengths of hose are required
- Constructed in heavy gauge powder coated steel
- Adjustable drag brake, full flow swivel joint
- Open hose slot drum design, removable crank handle
- Spring loaded lock pin prevents hose from de-reeling
- Fold flat handle option
- Full flow swivel assembly
- Supplied as bare reel, hose available at extra cost (Application required)

Reelworks
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Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
C460-3-350H	$\frac{3}{8}$ "	3000/200	$\frac{3}{8}$ "	350/105	50H x 52W x 48D	17/19
C460-4-270H	$\frac{1}{2}$ "	3000/200	$\frac{1}{2}$ "	270/80	50H x 52W x 48D	17/19



Reelworks - CHR11602 Heavy Duty Hand Cranked Reel

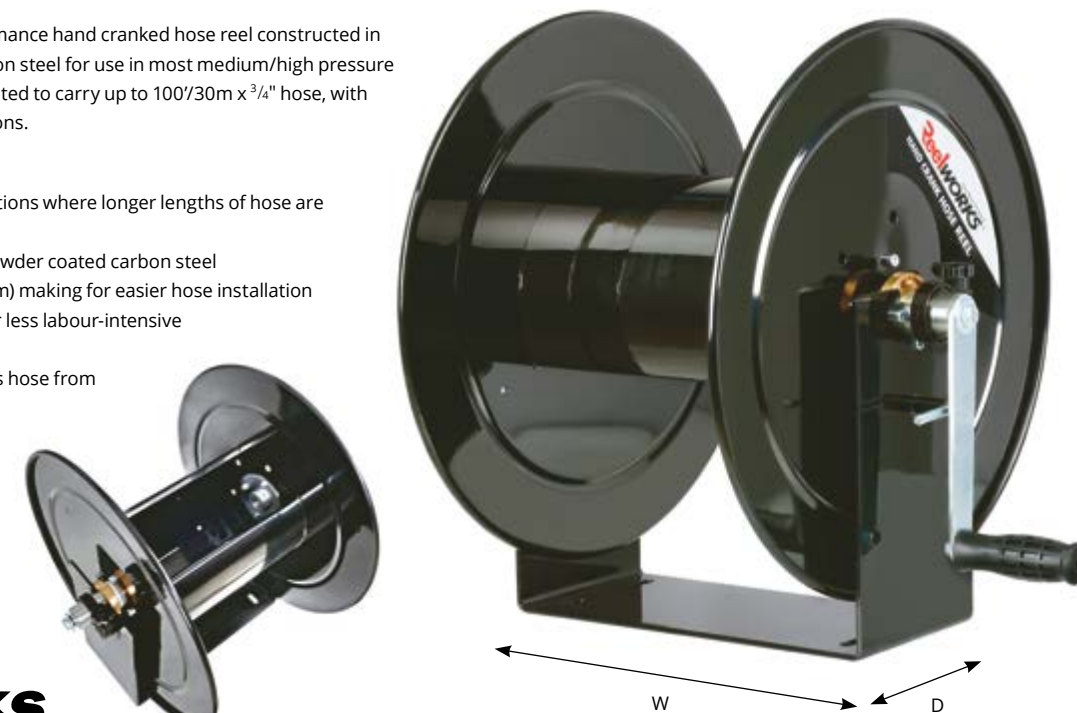
The HR116 series is a high-performance hand cranked hose reel constructed in heavy gauge powder coated carbon steel for use in most medium/high pressure applications. This reel is ideally suited to carry up to 100/30m x $\frac{3}{4}$ " hose, with floor, wall and vehicle mount options.

FEATURES:

- Designed for industrial applications where longer lengths of hose are required
- Constructed in heavy gauge powder coated carbon steel
- Wider drum opening (5"/125mm) making for easier hose installation
- New handle & swivel design for less labour-intensive use (70% more efficient)
- Spring loaded lock pin prevents hose from de-reeling
- Supplied as bare reel, hose available at extra cost (application required)

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Model	I.D.	Length	Max Pressure PSI / BAR	Inlet/Outlet	Width	Height	Depth	Weight NW / GW
CHR11602	$\frac{3}{4}$ "	100' / 30m	4000 / 276	$\frac{3}{4}$ "	61cm	50cm	47cm	14.5kg / 18.2kg



CRWM Manual Rewind High Visibility High Capacity Reels

High visibility, high capacity CRWM series manual rewind hose reels. Constructed in a heavy gauge steel and finished in a durable, high gloss, powder coated paint. Strength, performance and reliability are the signature features of this series of reel, along with the professional, modern look. Capacities range from 20m x $\frac{1}{2}$ " to 40m x 1" of internal bore hose, with working pressures up to 700psi. The compact size both height and width make this range of reel a must for applications where longer & larger hoses are required.

FEATURES:

- Constructed in heavy gauge mild steel
- Highly visible yellow powder coated finish
- Rolled and ribbed side discs for strength and rigidity
- Large 4 way roller guide to reduce hose wear
- Floor or wall mounting options
- Smooth and positive direct crank design
- Capacities up to 40m

Supplied as bare reel, hose available at extra cost (Application required)

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CRWM-1320	$\frac{1}{2}$ "	$\frac{7}{8}$ "	20m	700 psi	$\frac{1}{2}$ " / $\frac{1}{2}$ "	415 x 525 x 485	18
CRWM-1340	$\frac{1}{2}$ "	$\frac{7}{8}$ "	40m	700 psi	$\frac{1}{2}$ " / $\frac{1}{2}$ "	475 x 525 x 485	22
CRWM-1920	$\frac{3}{4}$ "	1 $\frac{1}{8}$ "	20m	700 psi	$\frac{3}{4}$ " / $\frac{3}{4}$ "	475 x 575 x 564	26
CRWM-1940	$\frac{3}{4}$ "	1 $\frac{1}{8}$ "	40m	700 psi	$\frac{3}{4}$ " / $\frac{3}{4}$ "	545 x 625 x 620	35
CRWM-2520	1"	1 $\frac{1}{2}$ "	20m	700 psi	1" / 1"	545 x 575 x 565	30
CRWM-2530	1"	1 $\frac{1}{2}$ "	30m	700 psi	1" / 1"	545 x 625 x 620	36
CRWM-2540	1"	1 $\frac{1}{2}$ "	40m	700 psi	1" / 1"	550 x 587 x 645	36



KOREEL

Electric, Air and Hydraulic Rewind Hose Reels



Coxreel offer an extensive range of Coxreel electric, air and hydraulic rewind hose reel solutions ideal for larger capacities. Details of our basic range of options are available on pages 19-21 of this catalogue but multiple custom and tailored solutions are available on request. Below are just some of the options available so please contact one of our hose reel specialists for more information.

1125 Series	1125-SS Series	1125 Pure Flow Series	1125PCL Series
1125WCL Series	1175 Series	1175-SS Series	1185 Series
1195 Series	1275 Series	1275HP Series	1275W Series

Competitor Hand Cranked & Power Rewind 1125 Series

'Competitor' hand crank reels are designed for industrial applications where longer lengths of hose are required. Constructed in heavy gauge powder coated steel, all models are assembled and ready for wall, floor or overhead installation. The direct crank action combined with twin bearings requires minimum rewind effort, while the spring-loaded locking pin prevents drum rotation when not in use. 'Competitor' power rewind reels combine the necessity of long hose lengths with the convenience of automatic rewind.

FEATURES:

- Discs: Heavy gauge steel with rolled edges to add strength and eliminate hose damage
- One piece, all welded steel 'A' frame construction
- Rewind hand crank: Solid steel with a roller hand grip
- Swivel joint: Permits reel to rotate smoothly while connected to the fluid source. Brass and steel are used as standard for swivel joint inlets. Stainless steel and other alloys can be supplied
- Bearing: Self aligning pillow block bearings support the drum assembly
- Rewind mechanism: Positive gear drive on all power rewind reels
- Drum assembly: All steel
- Axle/riser assembly: Provides full flow through the internal plumbing
- Lock pin: Standard on hand crank models, available at extra cost on power rewind
- Tension brake: Standard on hand crank models
- Rewind motor: Electric rewind. Compressed air motors also available
- Supplied as bare reel, hose available at extra cost (Application required).
- Stainless steel plumbing available on request
- Handle also acts as the plumbing plug, not to be removed under pressure



Rewind: Hand crank - Hand crank attaches to axle and is permanent. The handle may be removed for flushing out purposes. NB. The handle would not under normal circumstances be removed when the reel is under pressure. Doing so will open the flow path and potentially harm the operator.

Product temperatures: These reels handle product temperatures from -28°C to +107°C.

Product working pressure: Standard working pressure is 3000psi. Optional 5000psi available

A - Air Rewind

No. 4 gast compressed air motor

ED - Electric DC

Explosion proof 1/2 H.P. rewind reversible type

E - Electric DC

Non explosion proof 1/3 H.P. rewind reversible type

EA - Electric AC

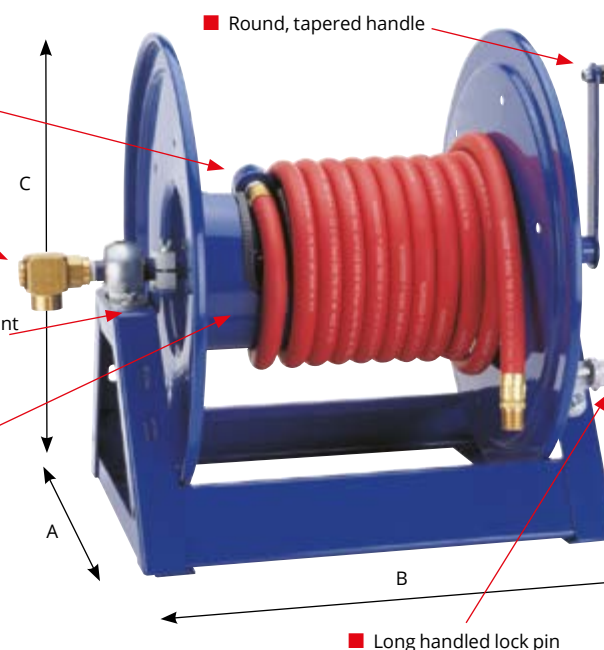
Explosion proof 115V 1/2 H.P. rewind, A.C. motor reversible

EJ - Electric AC - Explosion proof 230V 1/2 H.P. rewind, A.C. motor reversible

H - Hydraulic rewind - On request

SPECIAL FEATURES:

- Low profile outlet riser
- Full flow brass swivel joint
- Long-wearing corrosion resistant adjustable tension brake
- Open hose slot drum design. Drum diameter 6 1/4"



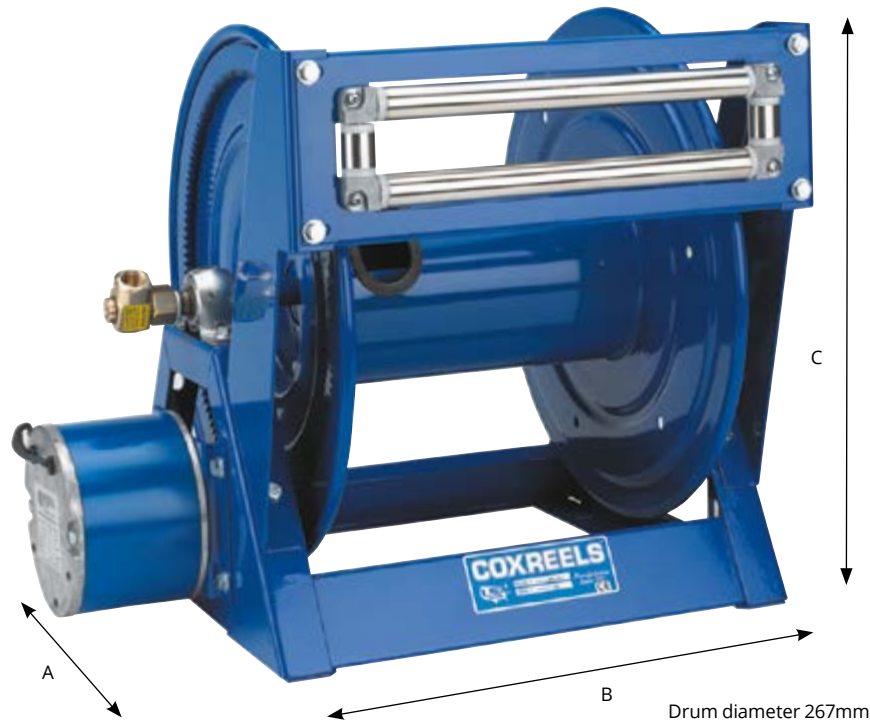
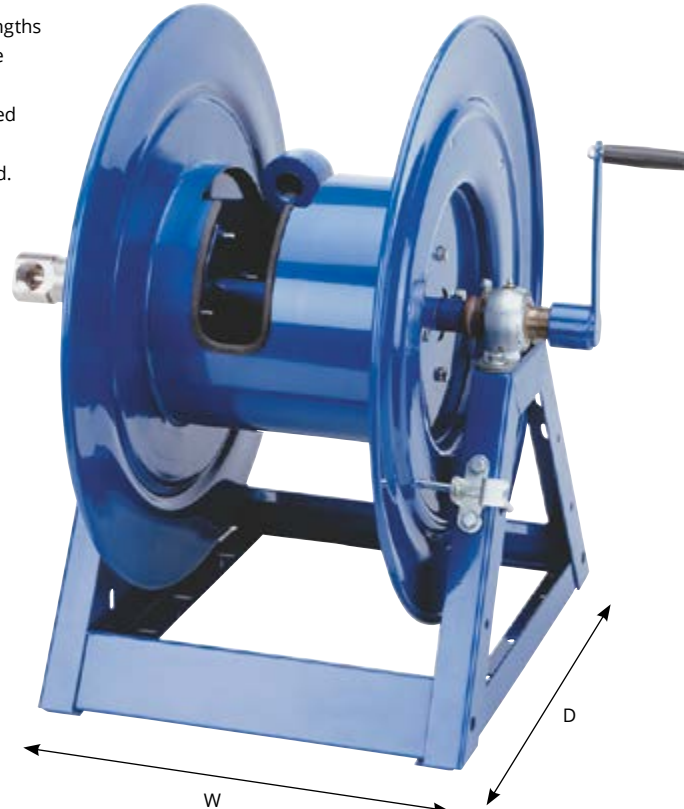
Hose capacity (m)				Model number	Reel dimension (mm)							Inlet & outlet size B.S.P.F. (in)	Working pressure P.S.I.	Appx weight less hose
I.D.	3/8"	1/2"	3/4"		Depth A	Width B (crank)	Width B (elect.)	Width B (air)	Height C (crank)	Height C (elect.)	Height C (air)			
42.5	30			1125-4-100	445	552	467	419	460	476	476	1/2"	3000	16 kg
90	60			1125-4-200	445	705	619	572	460	476	476	1/2"	3000	18 kg
137	99			1125-4-325	445	603	772	724	460	476	476	1/2"	3000	22 kg
190.5	137			1125-4-450	445	1010	924	876	460	476	476	1/2"	3000	24 kg
	30	15		1125-5-50	445	540	467	419	460	476	476	3/4"	3000	18 kg
	60	30		1125-5-100	445	692	619	572	460	476	476	3/4"	3000	19 kg
	99	53		1125-5-175	445	845	772	724	460	476	476	3/4"	3000	23 kg
	152	75		1125-5-250	445	1099	1026	978	460	476	476	3/4"	3000	27 kg

Competitor Hand Cranked & Power Rewind 1175 Series

Series 1175 hand crank reels are designed for industrial applications where longer lengths of hose are required. Constructed in heavy gauge powder coated steel, all models are assembled and ready for wall, floor or overhead installation. The direct crank action combined with twin bearings requires minimum rewind effort, while the spring-loaded locking pin prevents drum rotation when not in use. Series 1175 power rewind reels combine the necessity of long hose lengths with the convenience of automatic rewind.

FEATURES:

- Discs: Heavy gauge steel with rolled edges to add strength and eliminate hose damage
- One piece, all welded steel 'A' frame construction
- Lock pin: Standard on hand crank models, available at extra cost on power rewind
- Motor rewind options: Electric (12, 24, 115v and 230v), compressed air and hydraulic
- Bearing: Self aligning pillow block bearings support the drum assembly
- Rewind mechanism: Chain and sprocket drive on all power rewind reels
- Swivel joint: Permits reel to rotate smoothly while connected to the fluid source.
- Swivel joint inlets are all zinc plated. Stainless steel and other alloys can be supplied to meet special requirements
- Drum assembly: All steel construction
- Axle/riser assembly: Provides full flow through the internal plumbing
- Rewind hand crank: Solid steel with a roller hand grip
- Tension brake: Standard on hand crank models
- Supplied as bare reel, hose available at extra cost (Application required)



Rewind: Hand crank - Hand crank attaches to axle and is permanent. The handle maybe removed for flushing out purposes. NB. The handle would not under normal circumstances be removed when the reel is under pressure. Doing so will open the flow path and potentially harm the operator. Motor - Chain and sprocket drive. Auxiliary hand crank available as an option.

Inlet swivel assembly:

Series Swivel assembly
1175-6 Series 1" female N.P.T. straight

Outlet riser:

Series Riser
1175-6 Series 1" female N.P.T.

Hose roller guides: Please consult our sales team.

Product temperatures: These reels handle product temperatures from -28°C to +107°C

Product working pressure: See table below



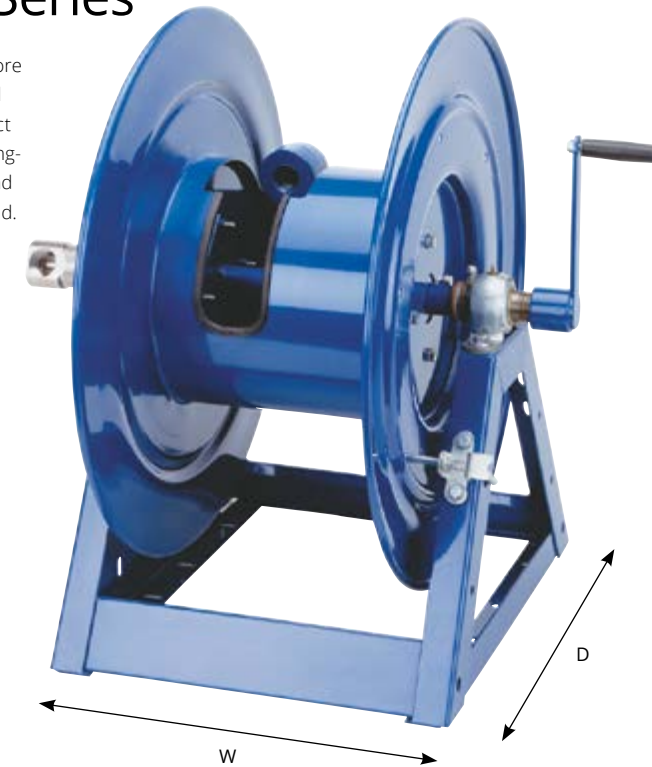
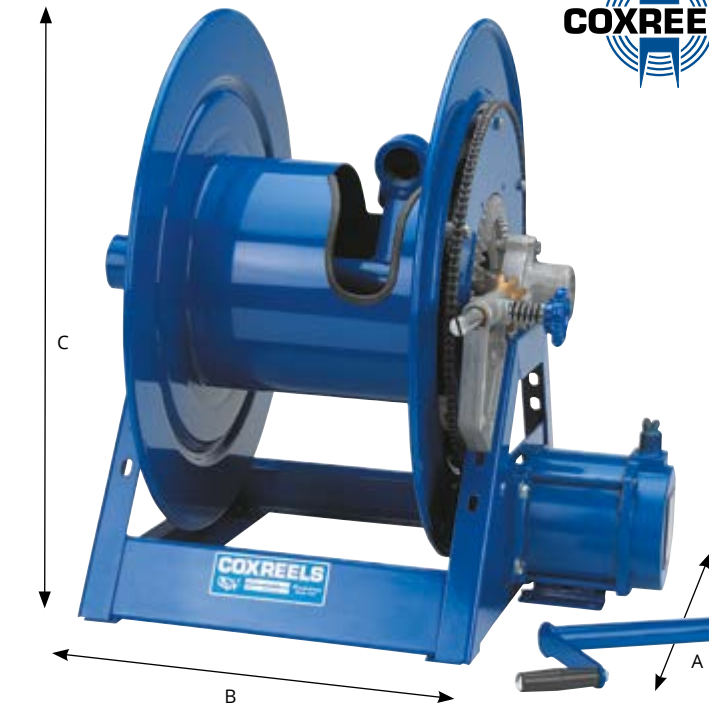
Hose capacity (m)					Model number	Reel dimension (mm)					Inlet & outlet size NPT (F)	Working pressure P.S.I.	Appx weight less hose
I.D.	3/4"	1"	1 1/4"	1 1/2"		Depth A	Width B (crank)	Width B (elect.)	Width B (air)	Height C (crank)			
O.D.	1 1/4"	1 7/16"	1 3/8"	2 1/16"									
30	15				1175-6-50	610	629	518	470	667	1"	3000	31 kg
45	30				1175-6-100	610	730	629	572	667	1"	3000	32 kg
75	45				1175-6-150	610	832	730	673	667	1"	3000	34 kg
90	60				1175-6-200	610	959	835	787	667	1"	3000	38 kg

Competitor 1185 Series & 1195 Series

Series 1185/1195 hand crank reels are designed for industrial applications where larger bore sizes and longer lengths of hose are required. Constructed in heavy gauge powder coated steel, all models are assembled and ready for wall, floor or overhead installation. The direct crank action combined with twin bearings requires minimum rewind effort, while the spring-loaded locking pin prevents drum rotation when not in use. Series 1185/1195 power rewind reels combine the necessity of long hose lengths with the convenience of automatic rewind.

FEATURES:

- Discs: Heavy gauge rolled edge steel for strength and to eliminate hose damage
- One piece, all welded steel 'A' frame construction
- Lock pin: Standard on hand crank models, available at extra cost on power rewind
- Motor rewind options: Electric (12, 24, 115v and 230v), compressed air and hydraulic
- Bearing: Self aligning pillow block bearings support the drum assembly
- Rewind mechanism: Chain and sprocket drive on all power rewind reels
- Swivel joint: Permits reel to rotate smoothly while connected to the fluid source
- Swivel joint inlets are all zinc plated. Stainless steel and other alloys can be supplied to meet special requirements.
- Drum assembly: All steel construction
- Axle/riser assembly: Provides full flow through the internal plumbing
- Rewind hand crank: Solid steel with a roller hand grip
- Tension brake: Standard on hand crank models



Rewind: Hand crank - Hand crank attaches to axle and is permanent. The handle maybe removed for flushing out purposes. NB. The handle would not under normal circumstances be removed when the reel is under pressure. Doing so will open the flow path and potentially harm the operator.

Motor - Chain and sprocket drive. Auxiliary hand crank available as an option.

Inlet swivel assembly:

Series Swivel assembly
1185-8 Series 1 1/2" N.P.T. straight
1195-9/13/20 Series 2" N.P.T. 90°

Outlet riser:

Series Riser
1185-8 Series 1 1/2" female N.P.T.
1195-9/13/20 Series 2" female N.P.T.

Hose roller guides: Please consult our sales team.

Product temperatures: These reels handle product temperatures from -28°C to +107°C.

Product working pressure: See table below.

Supplied as bare reel, hose available at extra cost (Application required)



Hose capacity ft/m		Model number	Reel dimension (mm)				Inlet & outlet NPT females	Working pressure	Weight less hose
1 1/4"	1 1/2"		Drum diameter	Depth A	Width B	Height C			
75/23	50/15	1185-1124	267	610	611	635	1 1/2" NPT (F)	600 psi	35kgs
100/30	75/23	1185-1524	267	610	713	635	1 1/2" NPT (F)	600 psi	37kgs
125/38	100/30	1185-2024	267	610	826	635	1 1/2" NPT (F)	600 psi	43kgs
220/67	150/45	1185-2528	267	711	953	737	1 1/2" NPT (F)	600 psi	56kgs
325/100	250/76	1185-3328	267	711	1156	737	1 1/2" NPT (F)	600 psi	77kgs

Hose capacity ft/m		Model number	Reel dimension (mm)				Inlet & outlet NPT females	Working pressure	Weight less hose
1 1/2"	2"		Drum diameter	Depth A	Width B	Height C			
60/18	50/15	1195-932	394	813	508	845	2" NPT (F)	600 psi	58kgs
100/30	75/23	1195-1332	394	813	610	845	2" NPT (F)	600 psi	68kgs
150/45	115/35	1195-2032	394	813	775	845	2" NPT (F)	600 psi	86kgs

CM Series "Caddy" Portable Hose Reels

Caddy Reels save effort and eliminate fatigue associated with manual hose coiling. Save time and increase your productivity by getting hose to the job site more efficiently. Hand crank hose reels do away with the frustration and create a safer working environment while conveniently storing hose until you need it.

FEATURES:

- Full flow 90 degree swivel inlet
- All steel construction
- Heavy duty 1" round tube frame structure
- Rigid 1" diameter round handle for carrying to work site
- Adjustable drag brake - prevents hose backlash when unreeling
- Hose control bar - prevents hose from slipping off side discs when pulling from an angle
- Reels have large mounting base - for permanent installations
- Supplied as bare reel, hose available at extra cost (Application required)



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
112L-3-100CM	3/8"	3/4"	30	4000	3/8" BSPF	1
112L-3-150CM	3/8"	3/4"	45	4000	3/8" BSPF	2
117L-4-225CM	1/2"	7/8"	69	4000	1/2" BSPF	3

Size index	Reel dimensions (mm)			Approx weight less hose
	W Inc handle	H	D	
1	476	349	330	9 kgs
2	632	349	330	10 kgs
3	587	483	451	13 kgs

CCWNR Manual Rewind, High Capacity, Caddy Reels

The CCWNR Series eliminates fatigue associated with manual hose coiling. Save time and increase your productivity by getting hose to the job site more efficiently. Ideally suited for longer lengths of hose.

FEATURES:

- Heavy gauge, all steel construction
- Highly visible yellow powder coated finish
- Pressed and ribbed side discs for strength and rigidity
- Stainless steel internal plumbing and swivel shaft
- Nickel-plated brass swivel body
- Fitted with viton seals as standard
- Direct hand crank design
- Rated to 3,000psi
- Detachable crank handle
- Ideal for agriculture, construction and industrial applications
- Lightweight, just 10.5kgs (bare reel)
- 2 year manufacturers warranty
- Supplied as bare reel, hose available at extra cost (Application required)



Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CCWNR-1330H	1/2"	7/8"	30m	3000 psi	1/2" F / 1/2" F	450 x 442 x 612	10.5

For up to date information and prices please visit - www.redashe.com

PR Series Portable Hose Reels

PR series trolley mounted reels are constructed from heavy gauge powder coated steel and allow you to move heavy long lengths of hose from one site to another with minimum effort. All swivel joints are 90 degrees and the fluid path will handle product temperatures from -28°C to +107°C.

FEATURES:

- All steel heavy duty construction
- A positive steel lock pin - prevents drum from turning when in transit
- Rewind hand crank: Solid steel with a roller hand grip
- Solid 8" rubber tyres
- Steel legs with rubber feet - prevents reel from slipping forward when pulling out hose
- Adjustable drag brake - prevents hose backlash when unreeling
- Supplied as bare reel, hose available at extra cost (Application required).
- Stainless steel plumbing available on request

Rewind: Hand crank - Hand crank attaches to axle and is permanent. The handle may be removed for flushing out purposes. NB. The handle would not under normal circumstances be removed when the reel is under pressure. Doing so will open the flow path and potentially harm the operator.



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Feet/M			
PRL-4-100	1/2"	7/8"	100/30m	3000	1/2" x 1/2" BSPF	1
PRL-4-200	1/2"	7/8"	200/60m	3000	1/2" x 1/2" BSPF	2
PRL-5-50	3/4"	1 1/8"	50/15m	3000	3/4" x 3/4" BSPF	1
PRL-6-100	1"	1 1/2"	100/30m	3000	1" x 1" NPTF	3
PRL-6-150	1"	1 1/2"	150/45m	3000	1" x 1" NPTF	4
PRL-1185-1524	1 1/2"	2 1/16"	75/23m	600	1 1/2" x 1 1/2" NPTF	5

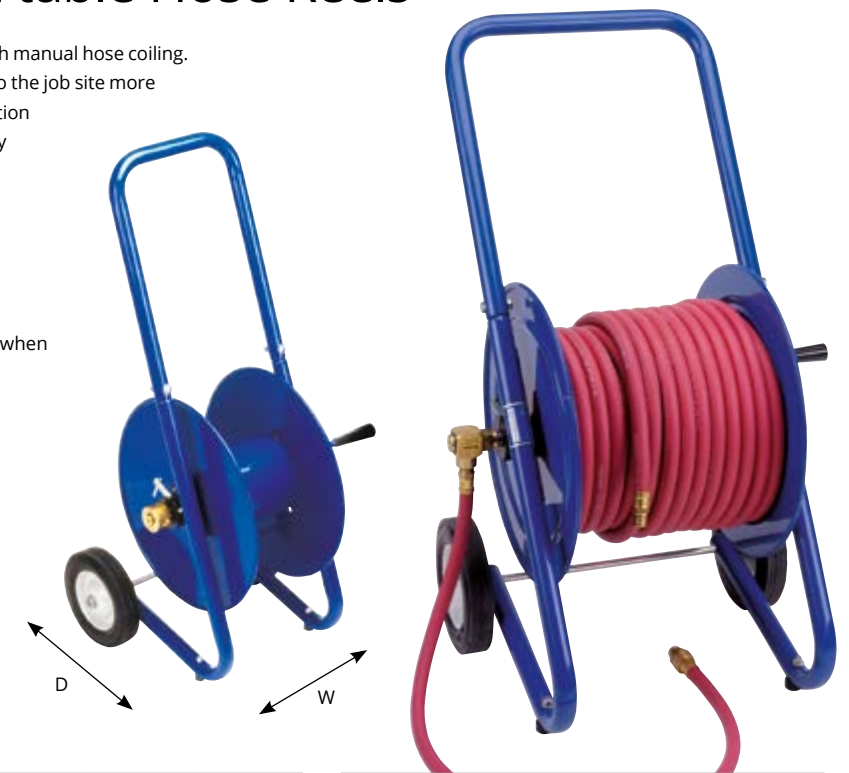
Size index	Reel dimensions (mm)			Weight (bare reel & cart)
	W Inc handle	H Inc cart	D Inc cart	
1	933	552	527	23 kgs
2	933	705	527	24 kgs
3	1010	629	699	38 kgs
4	1010	832	699	41 kgs
5	1010	984	699	44 kgs

DM Series "Dolly" Portable Hose Reels

Dolly reels save effort and eliminate fatigue associated with manual hose coiling. Save time and increase your productivity by getting hose to the job site more efficiently. Hand crank hose reels do away with the frustration and create a safer working environment while conveniently storing hose until you need it.

FEATURES:

- All steel construction
- Heavy duty 1-1/4" round tube frame structure
- Solid 8" rubber tyres
- Rubber front feet - prevents reel from slipping forward when pulling out hose
- Adjustable drag brake - prevents hose backlash when unreeling
- Removable handle for compact storage and shipping
- Supplied as bare reel, hose available at extra cost (Application required)



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
117L-3-200DM	3/8"	3/4"	60	4000	3/8" BSPF	1
117L-4-225DM	1/2"	7/8"	69	4000	1/2" BSPF	2

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	518	1016	483	17 kg
2	632	1016	483	18 kg

CCPOR Manual Rewind, High Capacity, Portable Reels

The Redashe CCPOR series hose reels offer a lightweight, portable means to transport longer lengths of hose around the workplace or site area. Constructed in a heavy gauge steel and finished in our highly visible yellow finish. Units are supplied as standard with 8" pneumatic wheels to ease transportation over uneven surfaces.

FEATURES:

- Heavy Gauge, tubular all steel frame
- Highly visible yellow powder coated finish
- 8" pneumatic tyres
- Full flow swivel assembly for maximum product delivery. Shaft constructed in stainless steel, body constructed in nickel-plated milled brass
- Fitted with viton seals as standard
- Swivels have a twin 'O' ring design for extended trouble free service
- Swept riser assembly for easy hose installation
- Rolled & ribbed side discs for strength and rigidity
- Smooth and positive direct crank design
- Anti-slip rubber feet to prevent movement when pulling off hose
- Direct hand crank design
- 2 year manufacturers warranty
- Supplied as bare reel, hose available at extra cost (Application required)

KOREEL



Model	I.D.	O.D.	Length	Max Pressure	Swivel In/Out	Reel Dimensions (mm) W x D x H	Weight (kg)
CCPOR-1345	1/2"	7/8"	45m	700 psi	1/2" F / 1/2" F	622 x 680 x 1100	27
CCPOR-1930	3/4"	1 1/8"	30m	700 psi	3/4" F / 3/4" F	622 x 680 x 1100	27

CCPOR Manual Rewind, Stainless Steel Portable Reel

The Redashe CCPOR series hose reels offer a lightweight, portable means to transport longer lengths of hose around the workplace or site area. Constructed in a heavy gauge, 304 grade stainless steel with a semi polished finish. Units are supplied as standard with 150mm wheels to ease transportation over uneven surfaces.

FEATURES:

- 304 grade, stainless steel construction
- Full flow swivel assembly for maximum product delivery. Shaft constructed in stainless steel, body constructed in nickel-plated milled brass
- Swivels have a twin 'O' ring design for extended trouble free service
- Fitted with viton seals as standard
- Swept riser assembly for easy hose installation
- Smooth and positive direct crank design
- Ideally suited for wash down applications in the food industry, chemical manufacturing, marine and offshore applications
- Direct hand crank design
- Anti-slip rubber feet to prevent movement when pulling off the hose
- 2 year manufacturers warranty
- Supplied as bare reel, hose available at extra cost (Application required)



KOREEL

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CCPOR-1345SS	1/2"	7/8"	45m	700 psi	1/2" F / 1/2" F	622 x 680 x 1100	27
CCPOR-1930SS	3/4"	1 1/8"	30m	700 psi	3/4" F / 3/4" F	622 x 680 x 1100	27

CTWA Redashe Stainless Steel, Spring Rewind Hose Reels

CTWA compact, stainless steel hose reels. Constructed in a heavy gauge 304 grade stainless steel, for strength, performance and reliability. Designed for harsh, corrosive environments, or where hygiene is of primary importance. They are ideally suited to washdown applications, in food processing and chemical manufacturing, but are also ideal for offshore/marine applications. Their compact size both in height and width make this an ideal unit for both small washdown areas to large processing plants. Standard length of hose 15m x 1/2" with a maximum working pressure of 300psi.

FEATURES:

- Constructed in heavy gauge 304 grade stainless steel
- Rolled and ribbed side discs for strength and rigidity
- Large 4 way roller guide to reduce hose wear
- Externally mounted spring canister
- Floor, wall mounting options
- Compact design
- 2 year manufacturer's warranty
- Supplied as bare reel, hose available at extra cost (Application required)



For Trigger Operated Water Guns
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KOREEL

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CTWA-1315SS	1/2"	7/8"	15m	300 psi	1/2" / 1/2"	285 x 375 x 367	15

CCRHA-SS Stainless Steel Reel

Stainless steel, high capacity spring rewind hose reels. Constructed in heavy gauge 304 grade stainless steel, offering strength performance and reliability, along with a professional and modern look. They are ideally suited to wash down, in food processing, marine and offshore applications.

FEATURES:

- 304 grade stainless steel construction
- Rolled and ribbed side discs for strength and rigidity
- Large Four way roller guide to reduce hose wear
- Swept riser assembly for easy hose installation
- Fitted with viton seals as standard
- Latching of hose at any length
- Swivels have a twin 'O' ring design for extended trouble free service
- Externally mounted, fully lubricated spring canister
- Externally mounted swivel assembly for easy maintenance
- 2 year manufacturers warranty
- Supplied as bare reel, hose available at extra cost (Application required)



KOREEL

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CCRHA-1320SS	1/2"	7/8"	20m	2500 psi	1/2" F / 1/2" F	378 x 525 x 485	24
CCRHA-1330SS	1/2"	7/8"	30m	2500 psi	1/2" F / 1/2" F	378 x 575 x 540	30
CCRHA-1920SS	3/4"	1 1/8"	20m	1500 psi	3/4" F / 3/4" F	378 x 575 x 565	30
CCRHA-1930SS	3/4"	1 1/8"	30m	1500 psi	3/4" F / 3/4" F	448 x 625 x 620	45
CCRHA-2520SS	1"	1 1/2"	20m	1200 psi	1" F / 1" F	448 x 575 x 565	48
CCRHA-2530SS	1"	1 1/2"	30m	1200 psi	1" F / 1" F	448 x 575 x 620	51

Reelworks - SS808 Series

The SS808 series spring rewind hose reels are constructed in 304 grade stainless steel and other non corroding materials. These reels are designed for harsh, corrosive environments or where hygiene is of primary importance. Ideally suited for wash down applications in food processing areas, marine and offshore.

FEATURES:

- Heavy duty stainless steel construction
- Double supported solid 1" stainless steel axle
- Fully automatic hose rewind for neat and tidy storage
- Slotted and drilled mounting holes for easy installation
- Latching of hose at any length
- Non-sag roller guides reduce hose wear
- Externally mounted full flow stainless steel swivel assembly
- Supplied as bare reel, hose available at extra cost (Application required)

For Trigger Operated Water Guns

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Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
Low pressure stainless steel reels						
CSS808-350L	3/8"	300/20	3/8"	50/15	55H x 22W x 53D	18/20
CSS808-450L	1/2"	300/20	1/2"	50/15	55H x 22W x 53D	18/20
CSS808-465L	1/2"	300/20	1/2"	65/20	55H x 22W x 53D	19/21
CSS808-525L	3/4"	300/20	3/4"	25/8	55H x 22W x 53D	19/21
Medium pressure stainless steel reels						
CSS808-350M	3/8"	3000/200	3/8"	50/15	55H x 22W x 53D	19/21
CSS808-450M	1/2"	3000/200	1/2"	50/15	55H x 22W x 53D	19/21



SS Stainless Steel Spring Rewind Reels

Constructed in heavy gauge 304 stainless steel and other non corroding materials, Redashe SS hose reels are designed for use in harsh, corrosive environments or where hygiene is of primary importance. They are ideally suited to washdown applications in food processing and chemical manufacturing and should also be specified for offshore and marine applications where salt spray rules out the use of standard powder coated steel models.

FEATURES:

- Heavy duty 304 stainless steel construction on discs and frame
- Double supported solid 1" stainless steel axle
- Latching of hose at any length
- All working parts fully accessible for servicing
- Fully automatic hose rewind for neat and tidy storage
- Multi-position roller arm gives full range of mounting options
- Four way, non-sag roller guides to reduce hose wear
- 1/4" stainless steel mounting base for maximum stability
- Slotted and drilled mounting holes for easy installation
- Externally mounted full flow swivel for maximum product delivery
- Supplied as bare reel, hose available at extra cost (Application required)



For Trigger Operated Water Guns

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Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
P-LPL-425SS	1/2"	7/8"	8	300	1/2" BSPF	3
SHL-N-350SS	3/8"	5/8"	15	300	3/8" BSPF	2
SHL-N-450SS	1/2"	7/8"	15	300	1/2" BSPF	1
SHL-N-525SS	3/4"	1"	8	300	3/4" BSPF	1
SHL-N-4100SS	1/2"	7/8"	30	300	1/2" BSPF	4
SHL-N-550SS	3/4"	1"	15	300	3/4" BSPF	5
MPL-N-350SS	3/8"	5/8"	15	3000	3/8" BSPF	1

Please call for available hose options

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	235	533	498	21 kg
2	222	533	498	20 kg
3	178	464	445	18 kg
4	248	648	584	37 kg
5	248	648	584	32 kg

Redashe Stainless Steel Hose Reels

The CAV1200/1300/6000 and 6001 Series stainless steel spring rewind hose reels are constructed in 304 grade stainless steel and other non corroding materials. These reels are designed for harsh, corrosive environments or where hygiene is of primary importance. Ideally suited for wash down applications in food processing areas, marine and offshore.

FEATURES:

- ATEX Approval on request (additional charge)
- 304 grade stainless steel
- 316 grade stainless steel available on request
- Drum is double supported for strength
- Adjustable full width roller guides
- Ribbed side arms
- Durable nylon hub assemblies
- Adjustable side arms
- Suitable for floor, wall, ceiling or vehicle mounting
- Up to 3000psi
- Supplied as bare reel, hose available at extra cost (Application required)

Model ref	Max psi	Inlet	Outlet	Hose capacity (m)	Dimensions WxDxH (cm)	Bare reel weight	Optional wall bracket ref
CAV1200	3000	1" Male	1" Male	13m x 3/4"/8m x 1"	29 x 50 x 48	21 kgs	CST20
CAV1300	300	1" Male	1" Male	18m x 3/4"/15m x 1"	48 x 50 x 48	24 kgs	CST22
CAV6000	3000	1/2" Male	1/2" Male	60m x 3/8"/60m x 1/2"	59 x 59 x 59	50 kgs	N/A
CAV6001	300	1" Male	1" Male	40m x 3/4"/30m x 1"	59 x 59 x 59	51 kgs	N/A



Redashe Stainless Steel Hose Reels

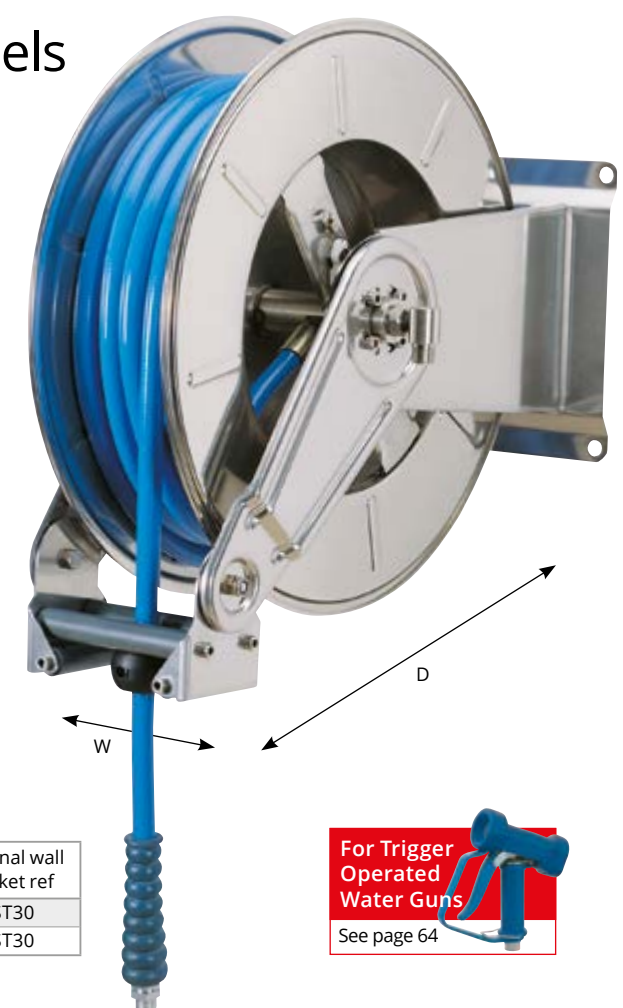
The CAV3500 and 3501 Series stainless steel spring rewind hose reels are constructed in 304 grade stainless steel and other non corroding materials. These reels are designed for harsh, corrosive environments or where hygiene is of primary importance. Ideally suited for wash down applications in food processing areas, marine and offshore.

FEATURES:

- ATEX Approval on request (additional charge)
- 304 grade stainless steel
- 316 grade stainless steel available on request
- Drum is double supported for strength
- Adjustable full width roller guides
- Durable nylon hub assemblies
- Ribbed side arms
- Adjustable side arms
- Suitable for floor, wall, ceiling or vehicle mounting
- Up to 3000psi
- Supplied as bare reel, hose available at extra cost (Application required)

For up to date information and prices please visit - www.redashe.com

Model Ref	Max psi	Inlet	Outlet	Hose Capacity (m)	Dimensions WxDxH (cm)	Bare reel weight	Optional wall bracket ref
CAV3500	3000	1/2" Male	1/2" Male	35m x 3/8"/30m x 1/2"	31 x 59 x 60	30 kgs	CST30
CAV3501	300	1" Male	1" Male	20m x 3/4"	31 x 59 x 60	31 kgs	CST30



For Trigger Operated Water Guns

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Redashe Stainless Steel Hose Reels

The CAV5000 Series stainless steel spring rewind hose reels are constructed in 304 grade stainless steel and other non corroding materials. These reels are designed for harsh, corrosive environments or where hygiene is of primary importance. Ideally suited for wash down applications in food processing areas, marine and offshore.

FEATURES:

- ATEX approval on request (additional charge)
- 304 grade stainless steel
- 316 grade stainless steel available on request
- Drum is double supported for strength
- Durable nylon hub assemblies
- Suitable for floor, wall, ceiling or vehicle mounting
- Supplied as bare reel, hose available at extra cost (Application required)



For Trigger
Operated
Water Guns

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Model Ref	Max psi	Inlet	Outlet	Hose capacity (m)	Dimensions WxDxH (cm)	Bare reel weight	Optional wall bracket ref
CAV5000	300	1" Male	1" Male	30m x 3/4"/25m x 1"	52 x 53 x 55	40 kgs	N/A

Redashe Stainless Steel Wall Mounting Brackets

ST30-ST22 AND ST15-ST20 PIVOTING WALL BRACKET



CCMHR-1320SS Stainless Side Mount Manual Rewind Reel

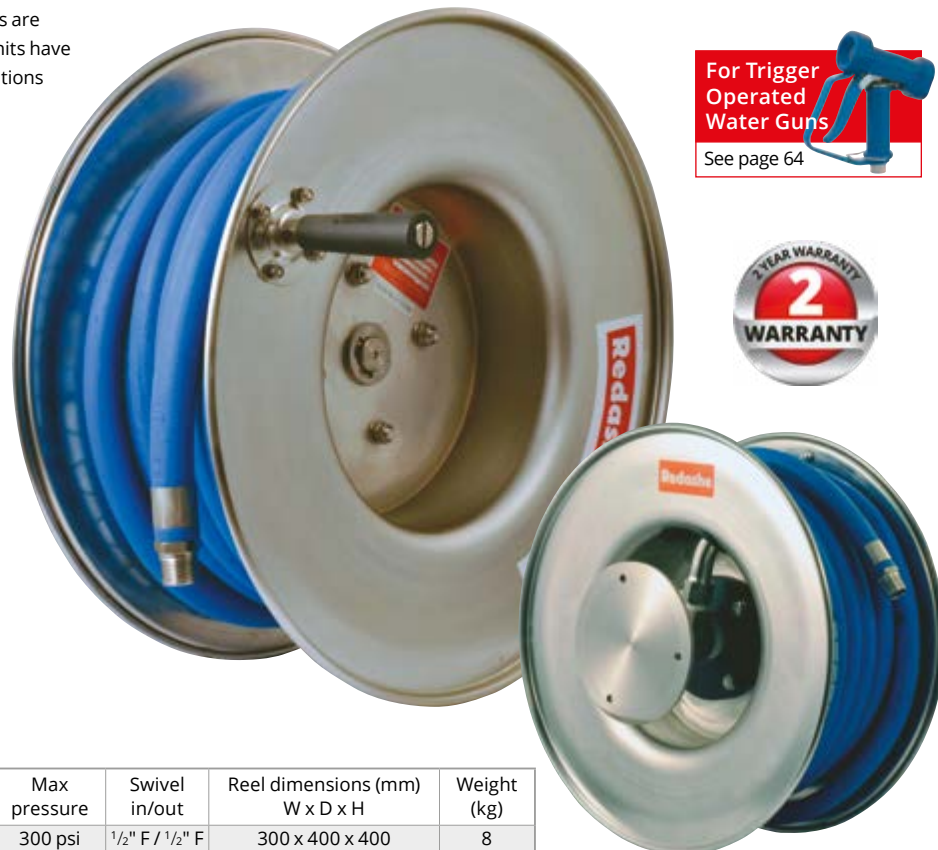
The CCMHR-SS manual rewind series hose reels are constructed in 316 grade stainless steel. The units have been designed for pedestal side mount applications for the marina environment. Media such as drinking water, air, diesel and oil delivery are suitable for transfer. Other areas of use are offshore, pharmaceutical and food industry.

FEATURES:

- Constructed in 316 grade stainless steel
- Swept riser assembly for easy hose installation
- Direct manual rewind
- 360° payout and retrieval directions
- Fully rolled side discs for strength and safety
- Pedestal side mount only
- Compact and light weight design
- 2 year manufacturers warranty
- Supplied as bare reel, hose available at extra cost (Application required)

For Trigger
Operated
Water Guns

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KOREEL

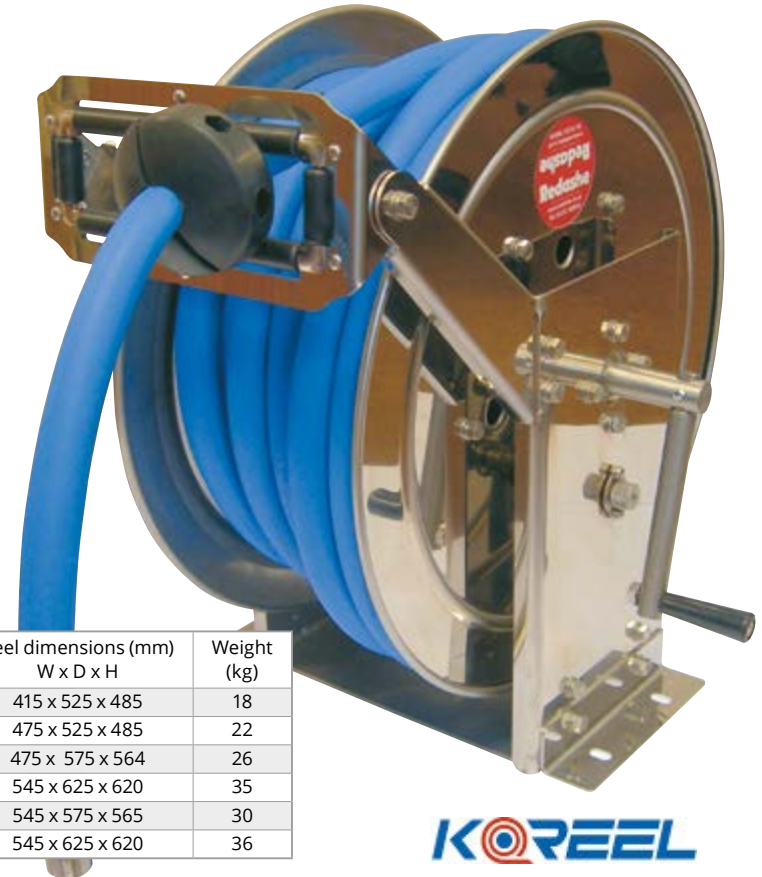
Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CCMHR-1320SS	1/2"	7/8"	20m	300 psi	1/2" F / 1/2" F	300 x 400 x 400	8

CRWM-SS Manual Rewind, Stainless Steel Hose Reels

Stainless steel high capacity CRWM-SS series manual rewind hose reels. Constructed in a heavy gauge 304 grade stainless steel, which offers strength, performance and reliability, along with a professional, modern look. Capacities range from 20m x 1/2" to 30m x 1" of internal bore hose, with working pressures up to 700psi. They are ideally suited to washdown applications, in food processing and chemical manufacturing, but are also ideal for offshore/marine applications. The compact height and width makes this range of reel a must for applications where longer and larger hoses are required.

FEATURES:

- Constructed in heavy gauge 304 grade stainless steel
- Rolled and ribbed side discs for strength and rigidity
- Large 4 way roller guide to reduce hose wear
- Floor or wall mounting options
- Smooth and positive direct crank design
- Capacities up to 40m
- 2 year manufacturer's warranty
- Supplied as bare reel, hose available at extra cost (Application required)



Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CRWM-1320SS	1/2"	7/8"	20m	700 psi	1/2" / 1/2"	415 x 525 x 485	18
CRWM-1340SS	1/2"	7/8"	40m	700 psi	1/2" / 1/2"	475 x 525 x 485	22
CRWM-1920SS	3/4"	1 1/8"	20m	700 psi	3/4" / 3/4"	475 x 575 x 564	26
CRWM-1940SS	3/4"	1 1/8"	40m	700 psi	3/4" / 3/4"	545 x 625 x 620	35
CRWM-2520SS	1"	1 1/2"	20m	700 psi	1" / 1"	545 x 575 x 565	30
CRWM-2530SS	1"	1 1/2"	30m	700 psi	1" / 1"	545 x 625 x 620	36

KOREEL

CTWM-1315SS Manual Rewind, Stainless Steel Hose Reels

Koreel CTWM compact hose reels are constructed in a heavy gauge 304 grade stainless steel for strength, performance and reliability. Designed for harsh, corrosive environments or where hygiene is of primary importance, they are ideally suited for washdown application in food processing or chemical manufacturing and ideal for offshore/marine applications. Their compact size makes them an ideal unit for both small washdown areas and large processing plants. Standard length of hose 15m x 1/2" with a maximum working pressure of 20 bar.

FEATURES:

- Constructed in heavy gauge 304 grade stainless steel
- Rolled and ribbed side discs for strength and rigidity
- Large 4 way roller guide to reduce hose wear
- Floor and wall mount options
- Compact design
- 2 year manufacturer's warranty
- Supplied as bare reel, hose available at extra cost (Application required)

KOREEL

Model	I.D.	O.D.	Length	Max Pressure	Swivel In/Out	Dimensions (mm) W x D x H	Weight (kg)
CTWM-1315SS	1/2"	7/8"	15m	300 psi	1/2" F / 1/2" F	390 x 360 x 410	9.5



Stainless Steel Manual Rewind Reels

Stainless steel hose reels are ideal for the food processing, pre-rinse, wash down, chemical transfer and industrial solvent handling markets. Also suitable for coastal, off-shore and onboard ship in marine applications where the harsh environment of salt spray requires the use of stainless steel constructed hose reels.

- FEATURES:
- Lightweight compact design
 - Heavy duty 304 Stainless steel construction
 - Standard 4000psi working pressure
 - Adjustable drag brake to prevent hose overspill
 - Wall, floor, bench or mobile mounting
 - Supplied as bare reel, hose available at extra cost (Application required)



Model Reference	Hose Capacity			Max PSI	Swivel In/Out	Size Index
	I.D.	O.D.	Length (m)			
112-4-75SS	1/2"	7/8"	23	4000	1/2" BSPF	1
112-4-225SS	1/2"	7/8"	69	4000	1/2" BSPF	2
117-5-100SS	3/4"	1"	30	4000	3/4" BSPF	3

Size Index	Reel Dimensions (mm)			Approx Weight Less Hose
	W *	H	D	
1	692	330	305	10 kg
2	692	457	432	14 kg
3	692	457	432	17 kg

*(W) dimension includes handle grip

Redashe Stainless Steel Hose Reels

The CAVM series stainless steel hand cranked hose reels are constructed in 304 grade stainless steel and other non corroding materials. These reels are designed for harsh, corrosive environments or where hygiene is of primary importance. Ideally suited for wash down applications in food processing areas, marine and offshore.

- FEATURES:
- 304 grade stainless steel
 - Drum is double supported for strength
 - Durable nylon hub assemblies
 - Suitable for floor, wall, ceiling or vehicle mounting
 - Simple design - easy to use
 - Up to 3000psi
 - Supplied as bare reel, hose available at extra cost (Application required)



Model Ref	Max psi	Inlet	Outlet	Hose capacity (M)	Dimensions WxDxH (cm)	Bare reel weight
CAVM9002	3000	1/2" Male	1/2" Female	20m x 3/8"/20m x 1/2"	32 x 40 x 40	10 kgs
CAVM9610	3000	1/2" Male	1/2" Male	50m x 3/8"/35m x 1/2"	30 x 50 x 46	14 kgs
CAVM9620	300	1" Male	1" Male	20m x 3/4"/10m x 1"	30 x 50 x 46	14 kgs
CAVM9710	3000	1/2" Male	1/2" Male	70m x 3/8"/50m x 1/2"	37 x 50 x 46	15 kgs
CAVM9720	300	1" Male	1" Male	35m x 3/4"/20m x 1"	37 x 50 x 46	15 kgs

Stainless Steel Manual and Power Rewind 1125 Series

Competitor 1125 and 1175 SS series stainless steel hand crank hose reels have similar features to their related series, but are constructed of high quality stainless steel with stainless steel fluid paths. They offer a clean and Noncorrosive performance in applications such as food and chemical processing, offshore, marinas and in areas wherever corrosion is likely to occur. All models are assembled and ready for wall or floor installation. The direct crank action combined with twin bearings requires minimum rewind effort, while the spring-loaded locking pin prevents drum rotation when not in use. Competitor power rewind reels combine the necessity of long hose lengths with the convenience of automatic rewind.



- FEATURES:
- Noncorrosive external fluid path machined from high quality stainless steel 90° full flow NPT swivel inlet
 - Swivel seals: NITRILE non-toxic food grade grease
 - Professional grade heavy duty stainless steel construction
 - Choice of stainless steel finish includes "SP" standard unpolished finish or "SS", electro polished stainless steel finish
 - Solid steel direct hand crank with smooth round handle
 - Discs: Heavy gauge steel with rolled edges to add strength and eliminate hose damage
 - One piece, all welded steel 'A' frame construction
 - Rewind hand crank: Solid steel with a roller hand grip
 - Swivel joint: Permits reel to rotate smoothly while connected to the fluid source.
 - Bearing: Self aligning pillow block bearings support the drum assembly
 - Rewind mechanism: Positive gear drive on all power rewind reels
 - Lock pin: Standard on hand crank models, available at extra cost on power rewind
 - Tension brake: Standard on hand crank models
 - Rewind motor: Electric rewind. Compressed air motors also available
 - Supplied as bare reel - hose extra
 - Handle also acts as the plumbing plug, not to be removed under pressure

Rewind: Hand crank - Hand crank attaches to axle and is permanent. The handle maybe removed for flushing out purposes. NB. The handle would not under normal circumstances be removed when the reel is under pressure. Doing so will open the flow path and potentially harm the operator.

- Product temperatures:**
These reels handle product temperatures from -28°C to +107°C.
- Product working pressure:**
Standard working pressure is 3000psi. Optional 5000psi available
- A - Air Rewind**
No. 4 gast compressed air motor
- ED - Electric DC**
Explosion proof 1/2 H.P. rewind reversible type
- E - Electric DC**
Non explosion proof 1/3 H.P. rewind reversible type
- EA - Electric AC**
Explosion proof 115V 1/2 H.P. rewind, A.C. motor reversible
- EJ - Electric AC** - Explosion proof 230v 1/2H.P. rewind, A.C. motor reversible
- H - Hydraulic rewind** - On request

Hose capacity (m)				Model number	Reel dimension (mm)						Inlet & outlet Size B.S.P.F. (in)	Working pressure P.S.I.	Appx weight less hose	
I.D.	3/8"	1/2"	3/4"		Depth A	Width B (crank)	Width B (elect.)	Width B (air)	Height C (crank)	Height C (elect.)				Height C (air)
O.D.	3/4"	7/8"	1 1/4"											
	42.5	30		1125-4-100-SP	445	552	467	419	460	476	476	1 1/2"	3000	16 kg
	90	60		1125-4-200-SP	445	705	619	572	460	476	1476	1 1/2"	3000	18 kg
		60	30	1125-5-100-SP	445	692	619	572	460	476	476	3/4"	3000	19 kg
		137	60	1125-5-200-SP	445	984	965	899	476	489	489	3/4"	3000	23 kg

Stainless Steel Manual and Power Rewind 1175 Series



For Trigger Operated Water Guns
See page 64

For up to date information and prices please visit - www.redashe.com



Rewind: Hand crank - Hand crank attaches to axle and is permanent. The handle may be removed for flushing out purposes. NB. The handle would not under normal circumstances be removed when the reel is under pressure. Doing so will open the flow path and potentially harm the operator.

Motor: Chain and sprocket drive. Auxiliary hand crank available as an option.

Inlet swivel assembly:

Series	Swivel assembly
1175-6 Series	1" female N.P.T. 90°

Outlet riser:

Series	Riser
1175-6 Series	1" female N.P.T.

Hose roller guides: Please consult our sales team.

Product temperatures: These reels handle product temperatures from -28°C to +107°C

Product working pressure: See table below.

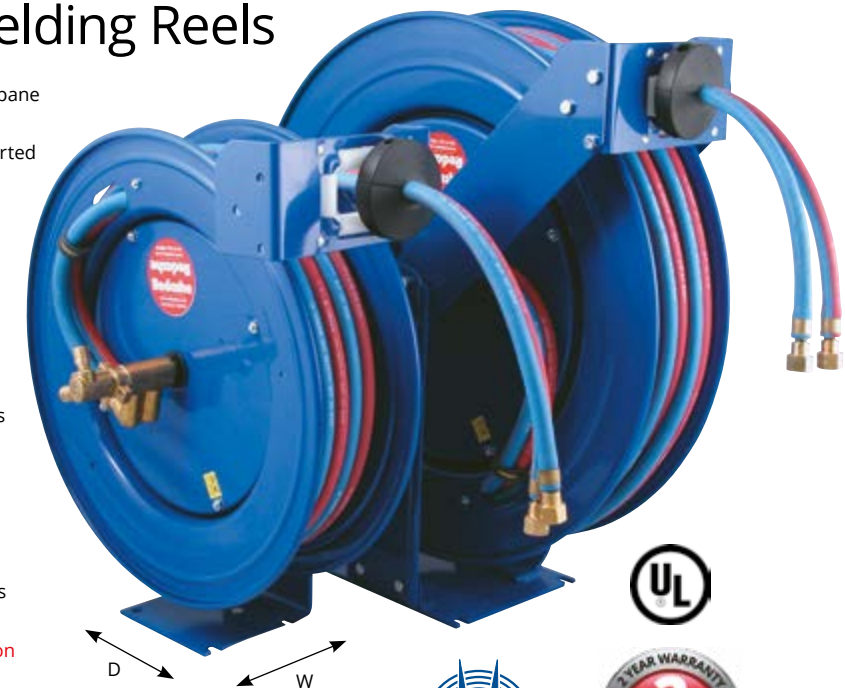
Hose capacity (m)					Model number	Reel dimension (mm)					Inlet & outlet Size N.P.T. (in)	Working pressure P.S.I.	Appx weight less hose
I.D.	3/4"	1"	1 1/4"	1 1/2"		Depth A	Width B (crank)	Width B (elect.)	Width B (air)	Height C (crank)			
O.D.	1 1/4"	1 7/16"	1 13/16"	2 1/16"									
	45	30			1175-6-100-SP	610	730	629	572	667	1"	3000	32 kg
	90	60			1175-6-200-SP	610	959	835	787	667	1"	3000	38 kg

SHW Spring Rewind Welding Reels

SHW reels are designed for twin hose oxy-acetylene or oxy-propane gas applications. The robust powder coated steel construction combines maximum stability with ease of use while the dual ported swivel features multiple O rings for positive gas separation. The automatic hose rewind minimises the risk of hose damage and removes the potential trip hazard of loose hose from the floor. All SHW reels feature spark-free operation for added safety.

FEATURES:

- Heavy duty steel construction with durable powder finish
- Double supported solid 1" steel axle
- Multi-position roller arm gives full range of mounting options
- Four way, non-sag roller guides to reduce hose wear
- 1/4" steel mounting base for maximum stability
- Slotted and drilled mounting holes for easy installation
- Spark-free latching mechanism locks hose at any length
- Fully automatic hose rewind for neat and tidy storage
- Externally mounted dual ported swivel with multiple 'O' rings
- All working parts fully accessible for servicing
- Supplied as bare reel, hose available at extra cost (Application required)



Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
SHWL-N-140	1/4"	1/2"	12	200	1/4" BSPM	1
SHWL-N-340	3/8"	5/8"	12	200	3/8" BSPM	1
SHWL-N-375	3/8"	5/8"	23	200	3/8" BSPM	2

See price list for hose options available on these reels

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	235	533	498	25 kg
2	235	648	584	37 kg

Reelworks - 808 Welding Series

The Redashe 808 welding series, are a high performance spring rewind hose reel, constructed in black Powder coated steel. Reels are supplied as standard without hose, but have capacities of either 50' x 3/8" twin or 65' x 1/4" twin gas hoses. Suitable for either wall, floor or ceiling mount.

FEATURES:

- Heavy duty steel construction with a durable black powder coat finish
- Full flow, brass swivel assembly, ensures maximum product delivery
- Double 'O' ring design to prevent leakage
- Latching of hose at any length
- Positive latching action
- Four way roller guides to prevent hose wear
- Multi-position guide arm to suit most mounting positions
- Supplied as bare reel, hose available at extra cost (Application required)

For up to date information and prices please visit - www.redashe.com



Item	Inlet/outlet (inch)	Max pressure (psi/bar)	Hose capacity			Dimensions (cm)	NW/GW (kgs)
			I.D.	O.D.	Length (ft/m)		
C808-165W	3/8" x 3/8"	200/14	1/4"	1/2"	65/20	55H x 22W x 53D	11/13kg
C808-350W	3/8" x 3/8"	200/14	3/8"	5/8"	50/15	55H x 22W x 53D	11/13kg



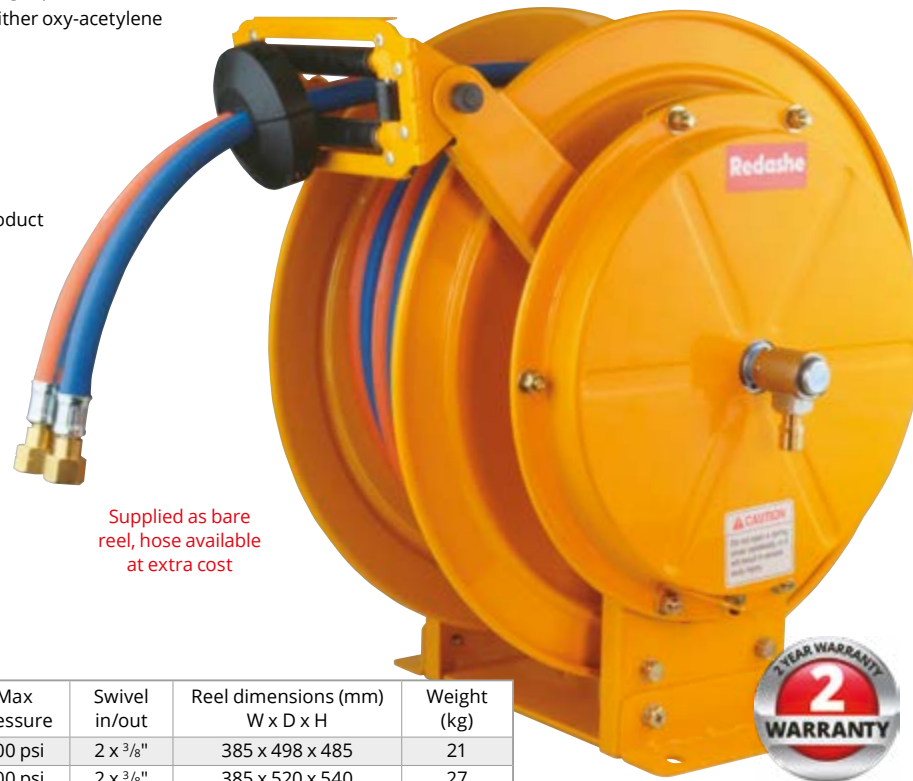
Reelworks
The Reel Experts

CCRGA Spring Rewind, High Capacity, Welding Reels

High visibility, high capacity series welding reels. Constructed in heavy gauge powder coated steel, offering strength performance and reliability. Capacities of 20m and 30m for either oxy-acetylene or oxy-propane gas applications.

FEATURES:

- Twin pedestal supports
- Heavy gauge, all steel construction
- Durable, yellow powder coated finish
- Full flow swivel assemblies for maximum product delivery
- Swept riser assembly for easy hose installation
- Fitted with viton seals as standard
- Large Four way roller guide to reduce hose wear
- Externally mounted spring canister and swivel assemblies for easy maintenance
- 2 year manufacturers warranty



Supplied as bare reel, hose available at extra cost

KOREEL

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CCRGA-820	3/8"	5/8"	20m	200 psi	2 x 3/8"	385 x 498 x 485	21
CCRGA-830	3/8"	5/8"	30m	200 psi	2 x 3/8"	385 x 520 x 540	27

Large Capacity Hand Crank Dual Hose Welding Reels

The 1275W-C series reels are designed for a higher capacity twin hose oxy-acetylene and oxy-propane gas applications. This beveled gear hand cranked design has a detachable handle for tidy and compact storage. The robust powder coated steel construction combines maximum stability with ease of use while the dual ported swivel features multiple O rings for positive gas separation.

FEATURES:

- Applications include MAPP gas, propane and natural gas
- Brass swivels as standard with 3/8" right and left handed weld fittings
- Easily wraps, stores and protects hose improving workplace safety
- One piece welded steel "A" frame construction
- Self aligning pillow block precision bearings ensure smooth rotation
- Heavy ribbed steel discs with rolled edges for maximum strength and safety
- Long handled lock pin secures reel and prevents rotation when not in use
- Low profile outlet riser and open drum slot design for even wraps of hose around the drum
- Corrosion resistant adjustable tension brake prevents hose backlash when unreeling
- Supplied as bare reel, hose available at extra cost



COXREELS

Model reference	Hose capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
1275WL-3-100	3/8"	1 1/16"	30	200	3/8" BSPF	1
1275WL-3-150	3/8"	1 1/16"	45	200	3/8" BSPF	2
1275WL-3-250	3/8"	1 1/16"	75	200	3/8" BSPF	3
1275WL-3-350	3/8"	1 1/16"	106.5	200	3/8" BSPF	4

See price list for hose options available on these reels

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	479	460	603	21 kg
2	581	460	603	22 kg
3	733	460	603	26 kg
4	886	460	603	29 kg

CCRGM Manual Rewind, High Capacity, Welding Reels

High visibility, high capacity series manual welding reel. Constructed in heavy gauge powder coated steel, offering strength performance and reliability. A capacity of 20m for either oxy-acetylene or oxy-propane gas applications.

FEATURES:

- Twin pedestal supports
- Heavy gauge, all steel construction
- Durable, yellow powder coated finish
- Full flow swivel assemblies for maximum product delivery
- Swept riser assembly for easy hose installation
- Fitted with viton seals as standard
- Large Four way roller guide to reduce hose wear
- Externally mounted swivel assemblies for easy maintenance
- 2 year manufacturers warranty

For up to date information and prices please visit - www.redashe.com

KOREEL

Model	I.D.	O.D.	Length	Max pressure	Swivel in/out	Reel dimensions (mm) W x D x H	Weight (kg)
CCRGM-820	3/8"	5/8"	20m	200 psi	2 x 3/8"	388 x 498 x 485	16

Supplied as bare reel, hose available at extra cost



CCPOR High Capacity, Welding Cylinder Trolley

This rugged Heavy duty cylinder trolley is designed to accept either oxy-acetylene or oxy-propane cylinders. Loading and unloading of the cylinders can be achieved with one person, by deploying the foot support leg, making changes an effortless exercise. Units can be purchased as a bare trolley or with the option of either the new high visibility, high capacity welding reels.

FEATURES:

- Powder coated in our highly visible, yellow finish
- Heavy industrial tubular steel construction
- Supplied as a bare trolley, with the provision of mounting either the CCRGM and CCRGA series reels
- Fitted with 16" pneumatic wheels
- Independent retention chains for both cylinders
- Supplied with a 5" lockable 360° castor
- Balanced unit for even weight distribution
- Smooth and effortless to manoeuvre
- Suited to carry standard oxygen, acetylene and propane cylinders
- 2 year manufacturers warranty

Model	Shipping weight	Trolley dimensions (mm) W x D x H
CCPOR-OA/OP	1 pallet 70kgs	700 x 1200 x 900



Redashe Two Way Hydraulic Hose Reels

The hydraulic hose reels are applicable in cases where it is necessary to send oil, through flexible hoses, from a machine at a standstill to another moving machine. The rewinding process is performed with a returning spring. The revolving body is constructed of a GS 500 iron casting and mounted onto a surface hardened steel shaft. The component parts all undergo both a pressure test and an overall inspection. Standard colour: Black. The hydraulic hose reels are recommended for fork-lift trucks, hydraulic cranes, and so on. Recommended hoses SAE 100 R7, SAE 100 R8, T1DB. The hydraulic hose reels are manufactured according to the rules referring to "ISO 9003 Quality Warranty" and are accompanied by the EC certification required by the "Machine Directive".



FC Series FOR HOSE FRONTAL ATTACHMENT

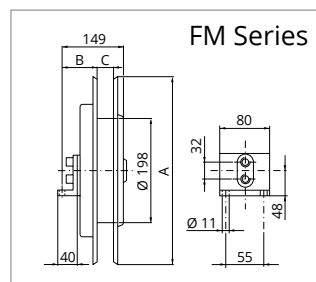
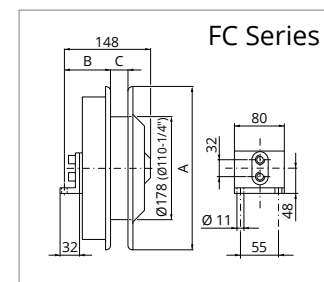
	Ø 3/16"	Ø 1/4"	Ø 5/16"	Ø 3/8"
C	20	30	33	40

Model	Dimensions						Weight Kg
	A	B	Max reel length(mm) & connections				
	Ømm	mm	Ø3/16"	Ø1/4"	Ø5/16"	Ø3/8"	
*KH4.070.001	200	65	2200	2000	-	-	8
*KH4.070.002	270	65	-	4000	3000	2500	9.5
*KH4.070.003	300	65	-	6000	4200	3500	10.5
*KH4.070.004	325	65	-	7000	5000	4500	13.5
*KH4.070.005	385	65	-	9000	6600	6000	14.5
* For use with hoses with bonded seal eye and washer connections							

MC Series FOR HOSE RADIAL ATTACHMENT

	Ø 3/16"	Ø 1/4"	Ø 5/16"	Ø 3/8"
C	20	30	33	40
L	152	152	160	160

Model	Dimensions						Weight Kg
	A	B	Max reel length(mm) & connections				
	Ømm	mm	Ø3/16"	Ø1/4"	Ø5/16"	Ø3/8"	
*KH4.073.001	200	65	2200	2000	-	-	5
*KH4.073.002	270	65	-	4000	3000	2500	10
*KH4.073.003	300	65	-	6000	4200	3500	11
*KH4.073.004	325	65	-	7000	5000	4500	14
*KH4.073.005	385	65	-	9000	6600	6000	15
* For use with hoses with bonded seal eye and washer connections							



FM Series FOR HOSE FRONTAL ATTACHMENT

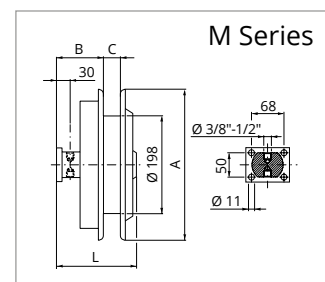
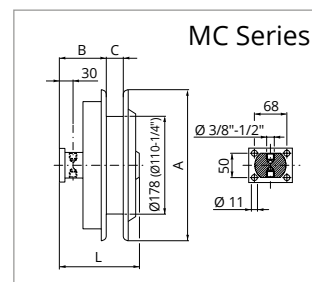
	Ø 3/16"	Ø 1/4"	Ø 5/16"	Ø 3/8"
C	20	30	33	40

Model	Dimensions						Weight Kg
	A	B	Max reel length(mm) & connections				
	Ømm	mm	-	Ø1/4"	Ø5/16"	Ø3/8"	
KH4.071.001	325	70	-	5000	4200	4000	15
KH4.071.002	385	70	-	7000	6600	6000	16
KH4.071.003	400	70	-	7500	7000	6500	16.5
KH4.071.004	420	70	-	8500	8000	7500	17
KH4.071.005	470	70	-	9000	9000	9000	18

M Series FOR HOSE RADIAL ATTACHMENT

	Ø 1/4"	Ø 5/16"	Ø 3/8"	Ø 1/2"
C	20	33	40	50
L	167	167	167	181

Model	Dimensions						Weight Kg
	A	B	Max reel length(mm) & connections				
	Ømm	mm	Ø1/4"	Ø5/16"	Ø3/8"	Ø1/2"	
KH4.074.001	325	80	5000	4200	4000	3000	16
KH4.074.002	385	80	7000	6600	6000	3800	17
KH4.074.003	400	80	7500	7000	6500	4500	17.5
KH4.074.004	420	80	8500	8000	7500	5500	18
KH4.074.005	470	80	9000	9000	9000	6500	19

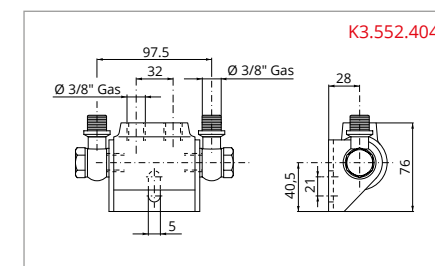
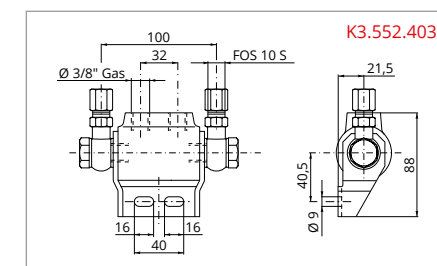
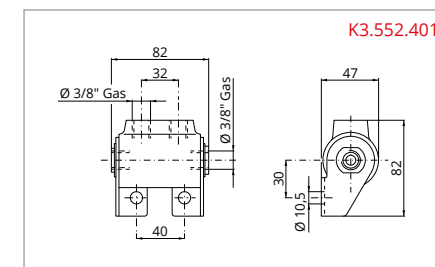
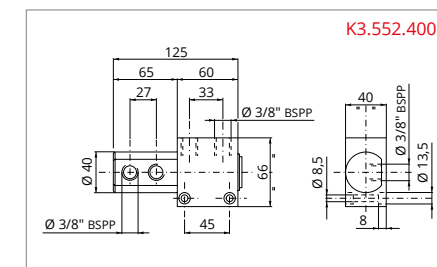


All are supplied as bare reels unless otherwise stated.

Redashe Two Way Hydraulic Hose Reels

For further information and prices please call and ask to speak to one of our hose reel specialists - 01252 785010

Rotating Joints



TDMP & MPD Dual Hose Hydraulic Reels

The TDMP and MPD dual hydraulic hose reels are designed to support pressures up to 3000psi. These reels are built from High quality steel finished in a durable epoxy Powder coat finish and the fully automatic Self retracting mechanism stores and protects the hose.

FEATURES:

- Designed for rugged applications such as off road vehicles
- Heavy duty steel drum discs have rolled edges for maximum strength and safety
- Dual ported, full flow, custom designed swivel assembly
- Multi-positioned locking ratchet, secures hose at desired length
- Roller guide arm has various mounting positions including, wall, floor, ceiling and vehicle mount
- Solid 1" steel axle
- Self lubricated precision bearings and factory balanced spring canister
- Noncorrosive 1/4" zinc-plated steel lock ring with stainless steel lock cam and spring
- Supplied as bare reel, hose available at extra cost

For up to date information and prices please visit - www.redashe.com



Model reference	Hose Capacity			Max PSI	Swivel in/out	Size index
	I.D.	O.D.	Length (m)			
TDMPL-N-350	3/8"	5/8"	2 x 15	3000	3/8" BSPF	1
TDMPL-N-450	1/2"	3/4"	2 x 15	2500	1/2" BSPF	1
MPDL-N-330	3/8"	5/8"	2 x 9	3000	3/8" BSPF	2
MPDL-N-430	1/2"	3/4"	2 x 9	2500	1/2" BSPF	2

See price list for hose options available on these reels.



Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	273	648	584	29 kgs
2	298	533	495	36 kgs

EZ-Coil Safety Series Hose Reels

The EZ-Coil™ rewind safety system is a patented rotary-dampening system exclusively researched and designed by the engineering department at Coxreels. The EZ-Coil™ rewind safety system controls and eliminates the high speed recoil motion associated with conventional spring driven hose reels with no increase in the amount of resistance when pulling out the hose. Years of research and design went in to producing what is now becoming the industry standard in spring driven hose reel safety and technology.

SAFETY SERIES FEATURES:

- Up to 80% slower retraction
- Equipped with the EZ-Coil™ rewind safety system
- No electricity required
- Pull-out tension remains unaffected
- Powder painted blue
- Smooth rolled edges on the side discs


COXREELS STANDARD FEATURES:

- Heavy duty construction, made in the USA
- Available in low, medium and high pressure
- Heavy duty 1/4" plate steel support post and mounting plate
- 1" oil-lite self-lubricating bearing
- Solid 1" steel centre support shaft
- Full flow swivel joint
- Adjustable arm guide wall, floor, ceiling and pit mountable
- Eight position locking ratchet
- 4 roller non-sag hose guide (6 on EZ-T series)
- Reel supported on both sides by pedestal style base and arm guides (EZ-T series only)

SAFETY BENEFITS

The slower controlled rewind action greatly increases operator safety, as well as the safety of the people and property in the surrounding area, by eliminating the high speed whipping action that results from a conventional spring driven reels. It is the most cost-effective solution to eliminating the danger of personal injury and destruction of property caused by careless operation of spring driven hose reels in the workplace.

EZ-COIL™ PERFORMANCE EVALUATION CHART

	SPEED	WHIPPING	IMPACT
 Up to 80% slower retraction	5 ft/sec	0- 1 ft	0- 1 ft/lbs
Conventional spring driven hose reels	25 ft/sec	5- 15 ft	500 ft/lbs

Size index	Reel dimensions (mm)			Approx weight less hose
	W	H	D	
1	159	368	349	12 kg
2	158	464	438	16 kg
3	178	464	438	19 kg
4	235	533	498	21 kg
5	235	533	498	24 kg
6	248	533	498	21 kg
7	235	648	584	37 kg
8	248	648	584	32 kg

EZ-P Series Performance Safety Reels

LOW PRESSURE COXREELS - The standard hose is for air or water service only. The basic reel without hose can be used for air, water or oil. Maximum temperature 121°C.

MEDIUM PRESSURE COXREELS

Suitable for air, water or oil applications. Maximum temperature 121°C. Maximum pressure 3000 psi



For up to date information and prices please visit - www.redashe.com

- Supplied as bare reel, hose available at extra cost (Application required)

Model reference	I.D.	O.D.	Feet/m	Max PSI/bar	Swivel in/out	Size index
EZ-P-LPL-325	3/8"	5/8"	25/8m	300psi/20bar	3/8" BSPF	1
EZ-P-LPL-350	3/8"	5/8"	50/15m	300psi/20bar	3/8" BSPF	2
EZ-P-MPL-425	1/2"	3/4"	25/8m	3000psi/200bar	1/2" BSPF	3

EZ-SH, MP & HP Series Heavy Duty Safety Reels

LOW PRESSURE COXREELS - Can be used for multiple applications such as compressed air, water, oil, diesel, breathing air etc. Supplied as standard without hose, and covering pressures up to 300psi (20 bar) and temperatures up to 121°C.

MEDIUM PRESSURE COXREELS - Can be used for multiple applications such as oil, jetting, air and water. Working pressures up to 3000psi (200 bar) and temperatures up to 121°C.



- Supplied as bare reel, hose available at extra cost (Application required)

Model reference	I.D.	O.D.	Feet/m	Max PSI/Bar	Swivel in/out	Size index
EZ-SHL-N-450	1/2"	3/4"	50/15m	300psi/20bar	1/2" BSPF	5
EZ-SHL-N-525	3/4"	1 1/8"	25/8m	300psi/20bar	3/4" BSPF	6
EZ-MPL-N-450	1/2"	3/4"	50/15m	3000psi/200bar	1/2" BSPF	5



EZ-T Series Heavy Duty Large Capacity Safety Reels



LOW PRESSURE COXREELS - The standard hose is for air or water service only. The basic reel without hose can be used for air, water or oil. Maximum temperature 121°C.

If your company's goal is to affordably improve safety and efficiency in the workplace, then a Coxreels' safety series hose reel, featuring EZ-Coil™, is your best solution. They're 'simply safer'.



- Supplied as bare reel, hose available at extra cost (Application required)

Model reference	I.D.	O.D.	Feet/m	Max PSI/bar	Swivel in/out	Size index
EZ-SHL-N-375	3/8"	5/8"	75/23m	300psi/20bar	3/8" BSPF	7
EZ-SHL-N-3100	3/8"	5/8"	100/30m	300psi/20bar	3/8" BSPF	7
EZ-SHL-N-475	1/2"	3/4"	75/23m	300psi/20bar	1/2" BSPF	7
EZ-SHL-N-4100	1/2"	3/4"	100/30m	300psi/20bar	1/2" BSPF	7
EZ-SHL-N-550	3/4"	1 1/8"	50/15m	300psi/20bar	3/4" BSPF	8

Pure Flo Hose Reels

Redashe Pure Flo hose reels safely and efficiently manage, protect and store costly breathing air or food quality hose. Guard against the dangers associated with tangled hose that can lead to trips and kinks that have potential for disaster. Pure Flo hose reels are the perfect solution to the challenge of managing hoses. Offered in spring rewind, hand crank, and motorized retraction, all Pure Flo hose reels come standard equipped with stainless steel air paths and stainless steel swivels with food quality grease, ensuring clean, non-contaminated transfer of products.



For up to date
information and
prices please visit -
www.redashe.com

BENEFITS:

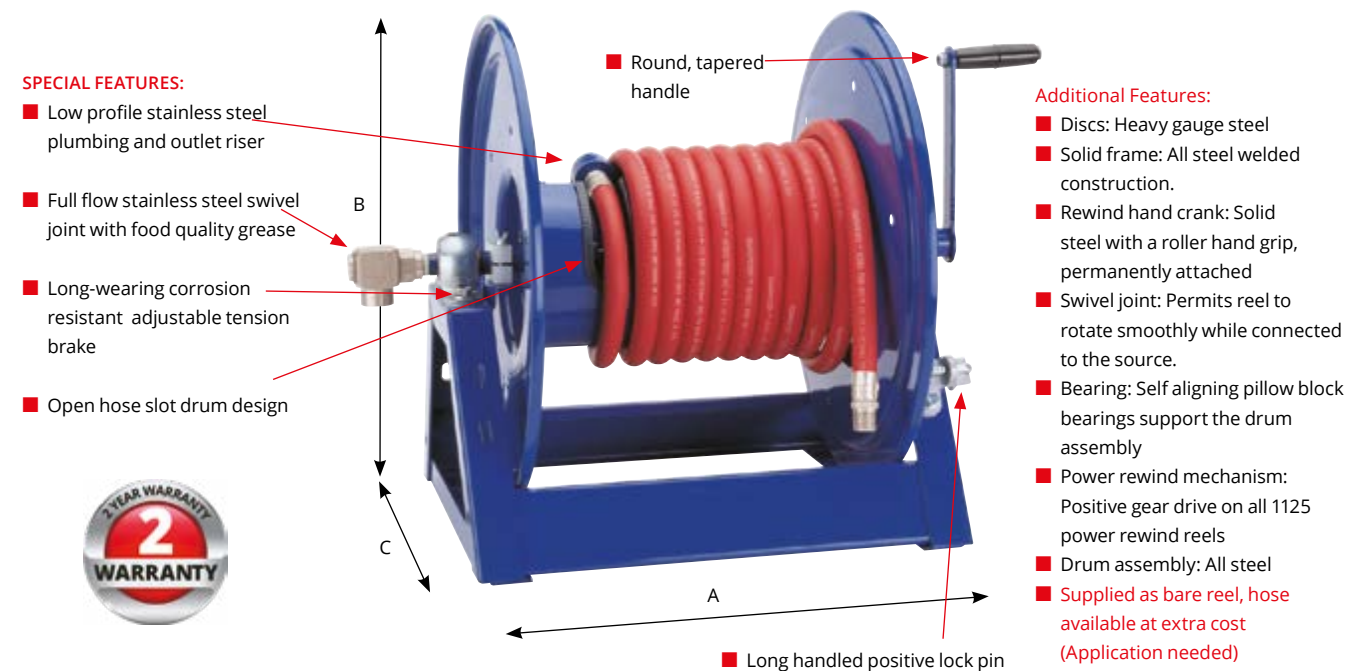
- Store hose safely and efficiently
- Increased operator safety by eliminating tangles, kinks, trips, and falls that result from non-use
- Preserve and extend the life of your costly hose and equipment

FEATURES:

- For low pressure and high pressure breathing air
- Available in hand crank, motorised or spring rewind retraction
- Coxreels' quality solid steel construction
- Durable electrostatic powder coat finish
- Stainless steel reels available

Pure Flo Competitor Hand Cranked and Power Rewind Hose Reels

Pure Air large capacity hand crank reels are designed for industrial applications where longer lengths of hose are required. Constructed in heavy gauge powder coated steel, all models are assembled and ready for wall, floor or overhead installation.



LOW/MEDIUM PRESSURE

Hose capacity (m)		Model number	Reel dimension in mm					Inlet & outlet size B.S.P. (in)	Working pressure P.S.I.	Appx weight Lbs less hose
I.D. 3/8"	I.D. 1/2"		Width A (crank)	Width A (elec.)	Width A (air)	Height B	Depth C			
O.D. 3/4"	O.D. 7/8"									
42.5	30	1125L-P-3-140	552	467	419	460	445	1/2"	3000	16 kg
60	45	1125L-P-3-200	603	518	470	460	445	1/2"	3000	17 kg
90	60	1125L-P-3-300	705	619	572	460	445	1/2"	3000	18 kg

HIGH PRESSURE

Hose capacity (m)		Model number	Reel dimension in mm					Inlet & outlet size B.S.P. (IN)	Working pressure P.S.I.	Appx weight Lbs less hose
I.D. 1/2"	I.D. 1/2"		Width A (crank)	Width A (elec.)	Width A (air)	Height B	Depth C			
O.D. 3/4"	O.D. 7/8"									
42.5	30	1125L-HP-3-140	552	467	419	460	445	1/2"	6000	16 kg
60	45	1125L-HP-3-200	603	518	470	460	445	1/2"	6000	17 kg
90	60	1125L-HP-3-300	705	619	572	460	445	1/2"	6000	18 kg

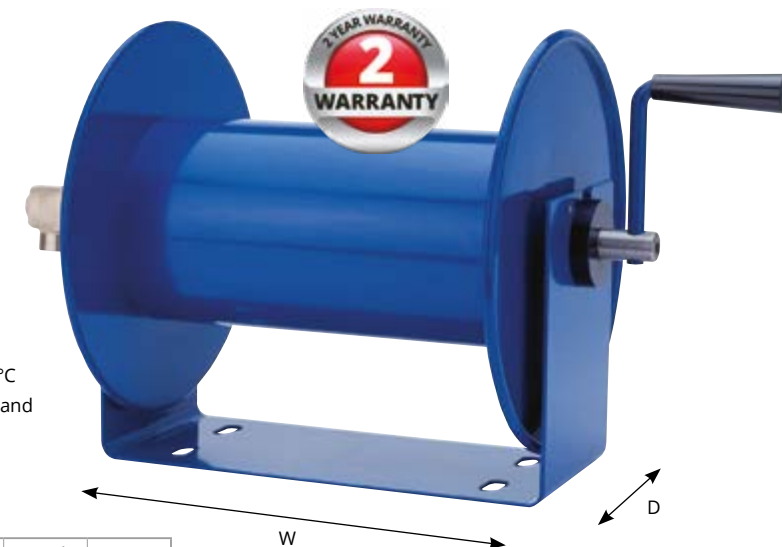
Available with power rewind options, please contact our sales staff for details

Pure Flo Challenger Hand Cranked Hose Reels

High performance in a very compact and lightweight hand crank hose reel. Perfect for both the mobile application, where size and weight are important factors, and permanent mounting on the wall, floor or work-bench.

FEATURES:

- Stainless steel flow path
- Direct hand crank rewind
- Lightweight/compact
- Full flow 90° stainless steel swivel with food quality grease
- Reels handle product temperatures from -28°C to +107°C
- Adjustable drag brake to eliminate hose backlash while unreeling hose and to secure the drum from turning when not in use.
- Supplied as bare reel, hose available at extra cost (Application needed)



Model (less hose)	3/8" I.D. 3/4" O.D.	Inlet/outlet size BSP	PSI	Width (mm)	Height (mm)	Depth (mm)	Approx. (Lbs.)
112L-P-3-100	30m	3/8"	4000	368	330	305	9 kg

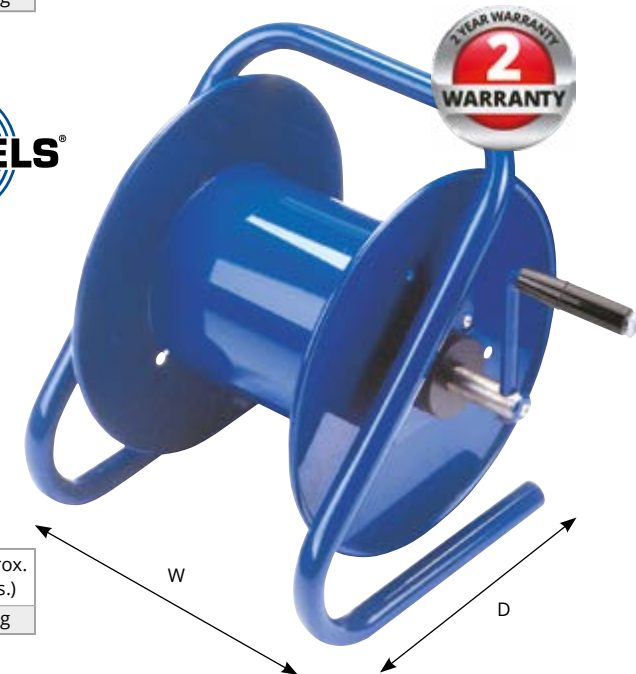
Pure Flo Hand Cranked Portable Hand Carts



FEATURES:

- Stainless steel flow path
- Full flow 90° stainless steel swivel with food quality grease
- Heavy duty 1" round tube frame structure
- Lightweight/compact
- Adjustable drag brake to eliminate hose backlash while unreeling hose and to secure the drum from turning when not in use.
- Rigid 1" diameter round handle for carrying to work site
- Hose control bar to prevent the hose from slipping off the side discs when pulling from an angle
- Supplied as bare reel, hose available at extra cost (Application needed)

Model (less hose)	3/8" I.D. 3/4" O.D.	Inlet/outlet size BSP	PSI	Width (mm)	Height (mm)	Depth (mm)	Approx. (Lbs.)
112L-P-3-100CM	30m	3/8"	4000	387	330	305	9 kg



Pure Flo EZ-Coil Hose Reels

Hose reels equipped with the patented EZ-Coil™ results in a controlled retraction, increasing user safety and extending the life of your hose, hose reel and it's components.

FEATURES:

- Stainless steel flow path
- Heavy duty, solid steel construction
- Full flow 90° stainless steel swivel with food quality grease
- 8-position locking ratchet
- Heavy duty, solid steel construction.
- Powder coated blue

Supplied as bare reel, hose available at extra cost (Application needed)

LOW PRESSURE

Model (less hose)	I.D.	O.D.	Hose length (m)	PSI	Width (mm)	Height (mm)	Depth (mm)	Approx. (Lbs.)
EZ-PP-LPL-350	3/8"	21/32"	15	300	156	464	337	23 kg
EP-PP-SHL-3100	3/8"	21/32"	30	300	235	648	584	37 kg

HIGH PRESSURE

Model (less hose)	I.D.	O.D.	Hose length (m)	PSI	Width (mm)	Height (mm)	Depth (mm)	Approx. (Lbs.)
EZ-PP-HPL-350	3/8"	21/32"	15	6000	156	464	337	23 kg
EP-PP-HPL-3100	3/8"	21/32"	30	6000	235	648	584	37 kg



Pathfinder Hose Reels



The Pathfinder® range of user friendly hose reels is absolutely 'UNIQUE' with brand new features not found on any other hose reel available today. This reel is exceptional because the hose guide arm is not bolted and fixed in one position and will automatically travel through 90°, going from a horizontal to a downward pay out. All reels are supplied complete with a swivelling wall bracket, which means, which ever direction the operator is pulling the hose out, the reel and guide arm will follow. This unique function allows the reel to work perfectly, when mounted in higher positions, out of harms way.

FEATURES & BENEFITS OF THE CONCEPT:

- Eliminates the use of a fixed guide arm in a wall/ ceiling mount position
- Easy to install with no need for post installation adjustments
- Unique, automatic, 90° vertical rotational span
- Covers various mounting positions.
- Balanced clock spring produces enough torque to displace the weight of the guide arm
- Allows the guide arm to move vertically up and down in a smooth, effortless and fully automatic manner.
- The roller guide and arm/s will always be directly facing the user
- Giving total control on payout and retrieval
- Allows the units to be mounted at an increased height
- Removes the possibility of harm to the operator, passing personnel or damage to machinery compared to low-level units
- Roller guide arm returns to its rest position after use
- Sets the reel ready for the next operator
- Supplied as bare reel, hose available at extra cost (Application needed)

Pending, Patent application references:
European application ref: EP.08250980.3
(countries covered: 34)
United States application ref: US.12/150,206.



STANDARD FEATURES:

- Constructed in heavy gauge powder coated steel
- Finished in a durable, white powder coated gloss finish
- Latching of hose at any length
- Fully automatic hose rewind for neat and tidy storage
- Extended roller guide aperture to ease hose stacking
- Externally mounted swivel assemblies
- Viton seals and nylon backup rings as standard
- Low, Medium and High pressure applications
- Double supported 1", solid steel axle
- Pathfinder® Self-adjusting roller guide arm
- All working parts fully accessible for servicing
- Floor, wall or ceiling mounting options
- Suitable for air, water, oil, diesel and grease



Model reference	Length (m)	I.D. bore	Pressure	Colour	Reel dimensions (mm)			Weight (bare reel)
					W	H	D	
Low pressure: (Weight and dimension D include pivoting wall bracket)								
PFS-915L	15	3/8"	300 psi	White	210	440	610	18.2 kg
PFS-920L	20	3/8"	300 psi	White	210	440	610	18.2 kg
PFS-1315L	15	1/2"	300 psi	White	210	520	690	23.8 kg
PFS-1320L	20	1/2"	300 psi	White	210	520	690	23.8 kg
PFS-910W	10	3/8" x 3/8"	200 psi	White	210	440	610	18.2 kg
PFS-915W	15	3/8" x 3/8"	200 psi	White	210	520	690	23.8 kg
Medium pressure: (Weight and dimension D include pivoting wall bracket)								
PFS-915M	15	3/8"	2250 psi	White	210	440	610	18.2 kg
PFS-920M	20	3/8"	2250 psi	White	210	440	610	18.2 kg
PFS-1315M	15	1/2"	2000 psi	White	210	520	690	23.8 kg
PFS-1320M	20	1/2"	2000 psi	White	210	520	690	23.8 kg
High pressure: (Weight and dimension D include pivoting wall bracket)								
PFS-615H	15	1/4"	5000 psi	White	210	440	610	18.2 kg
PFS-915H	15	3/8"	4000 psi	White	210	440	610	18.2 kg
PFS-PWB: (Pivoting wall bracket) weight 2.7kgs								

Reelworks SR101-01 Static Grounding Reel ATEX

The Redashe SR101 series industrial static grounding reel provides convenient and safe storage of static grounding cable. This heavy-duty reel is fitted with a slow retraction system and 23m (75') of orange vinyl covered galvanised steel cable. It can be floor, wall or ceiling mounted.

FEATURES:

- Heavy duty steel compact design
- Slow retraction system – prevents cable from speeding back to the reel if the cable is let go – safe operation
- Latching of cable at any length
- Fitted with Alligator static grounding clamp
- 23m (75') capacity
- High visibility cable with orange vinyl cover
- Weight: 8.90kgs
- Max resistance: 10 ohm
- Operating temperature: -65°F to 125°F (-54°C to 52°C)
- RoHS and REACH compliant
- ATEX II 2G Ex h IIC T6 Gb / 11 2D Ex h IIIC T85°C Db
- Applications: refuelling stations, fuel tanks, fuel trucks, aircraft static grounding and any hazardous areas with potentially dangerous static electricity

Model	Cable		Max resistance	Reel dimensions (mm) W x D x H	Weight (kg)
	Length	O.D.			
SR101-01	23m	4mm	10 ohm	123 x 263 x 266	8.9



SD Static Discharge Spring Rewind Cable Reels

Redashe SD reels provide convenient storage of static grounding cable with fast payout and automatic spring rewind. Designed for safe and reliable grounding of vehicles, aircraft and other equipment requiring static bonding. These heavy duty reels are supplied complete with 11, 15, 22.5 or 30m of orange vinyl covered galvanised steel cable. Finished in a durable coating of blue baked powder paint all models feature a multi-position rewind guide arm and latching of cable at any length.

FEATURES:

- Heavy duty construction
- Fully automatic spring rewind
- Non-sparking latching mechanism
- 4mm galvanised steel cable with high-visibility orange vinyl cover
- 50 amp grounding clamp
- Multi-position rewind guide arm
- 1" solid steel axle
- Durable blue powder coat finish
- Cartridge style spring motor
- Zinc plated current path
- Maximum resistance 2.6 ohm (SD-100)



Model reference	Cable		Max resistance	Size index
	Length (m)	O.D.		
SD-35	10.5	4mm	1.0 ohm	1
SD-50	15	4mm	1.3 ohm	1
SD-75	23	4mm	2.0 ohm	2
SD-100	30	4mm	2.6 ohm	2

Size index	Reel dimensions (mm)			Appx weight inc. cable
	W	H	D	
1	102	305	279	10 kg
2	102	381	368	15 kg

Koreel Static Grounding Reel

The Redashe CCER series, static grounding reel provides convenient storage of grounding cable with fast payout and automatic spring rewind. Designed for safe and reliable grounding of vehicles, aircraft and other equipment requiring static bonding. This series come supplied with 20m of coated galvanised steel cable and are finished in our highly visible and durable yellow powder coated finish.

FEATURES:

- Heavy duty steel construction
- Fully automatic spring rewind
- Supplied with coated galvanised cable
- 50 amp grounding clamp supplied as standard
- Latching of cable at any length
- Factory lubricated main spring assembly
- 20m capacity
- Ideal for use with refuelling reels
- 2 year manufacturers warranty



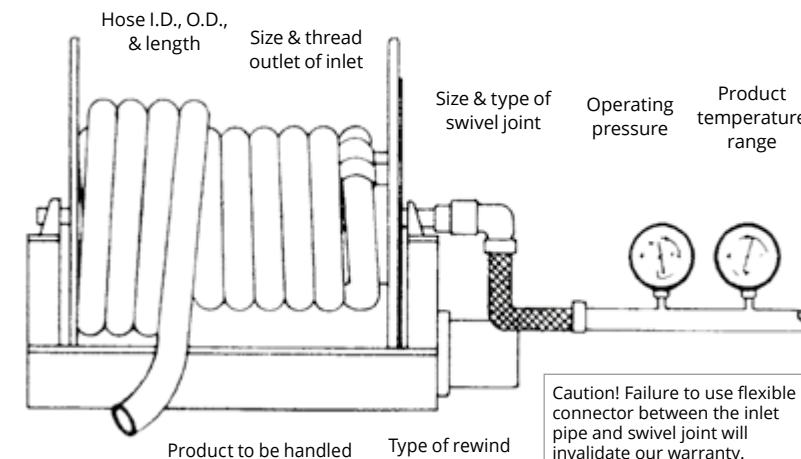
Model	Cable		Max resistance	Reel dimensions (mm) W x D x H	Weight (kg)
	Length	O.D.			
CCER-320-1	20m	3mm	2.0 ohm	107 x 240 x 273	7



How to Order

BASIC INFORMATION

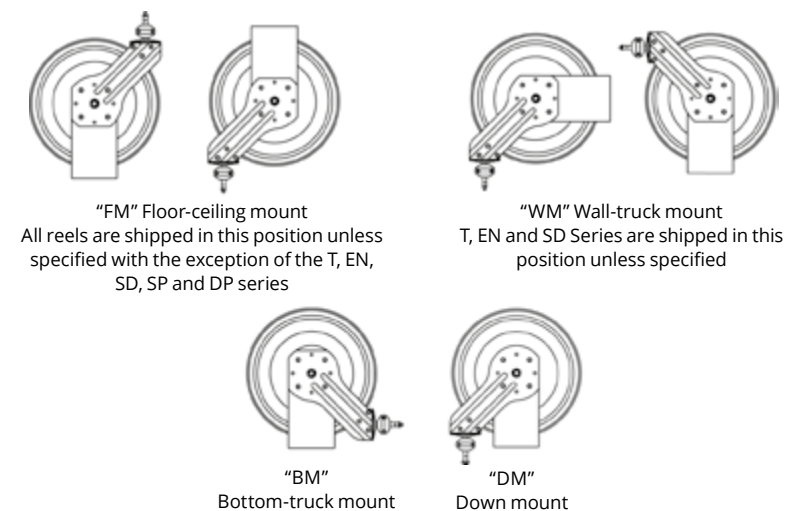
The diagram below indicates the basic information which should be determined before ordering.



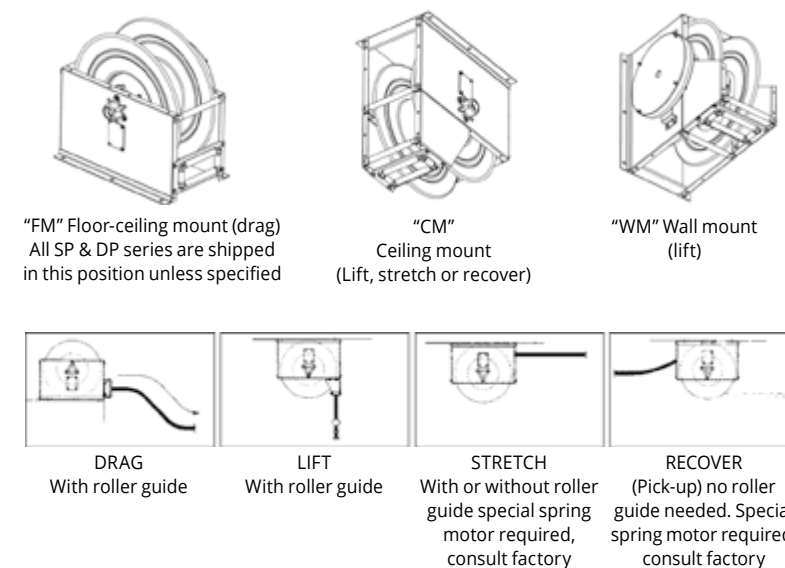
MOUNTING POSITIONS

The diagrams below indicate the basic information which should be determined before ordering.

ALL MODELS with the exception of the SP and DP Series



SP & DP SERIES



The size, length and type of hose to be handled are primary factors in selecting the proper reel for your job. The following points should be considered:

1. HOSE I.D., O.D. and LENGTH

When space permits, select a reel with greater hose capacity than you require. This allows you to rewind the hose with less care and keeps the hose well protected within the disc dimension, even if the hose is not wound in uniform coils. (See hose selection chart below)

2. SIZE & TYPE OF SWIVEL JOINT AND SEAL FOR INLET AND OUTLET

In selecting your reel please note the size of your hose versus the inlet and outlet sizes. Reducing your fitting and hose size will allow for more hose capacity.

3. RETRACTION METHOD AND PROPER USE

Choose from spring driven, hand crank or motor driven retraction.

SPRING DRIVEN: Automatic rewind requiring no power source. Operator is to guide the hose or cord as it self-retracts and wraps around the drum.

HAND CRANK: Operator must manually crank the reel and guide the hose or cord evenly as it wraps around the drum to reach full capacity.

MOTOR DRIVEN: Requires a power source to operate in AC, DC, Air or Hydraulic power. On/off switches and speed controllers are available to help control retraction speed. You must guide the hose or cord efficiently back on the reel to reach full capacity.

4. MOUNTING POSITION

Determine which mounting position you require. All reels are shipped in the floor-ceiling mount (FM) position with the exception of the "T", "EN", and "SD" Series, which are shipped in the wall-truck mount (WM) position. See diagram to the right for the "SP and DP" Series as well.

5. CHOOSE TYPE OF HOSE

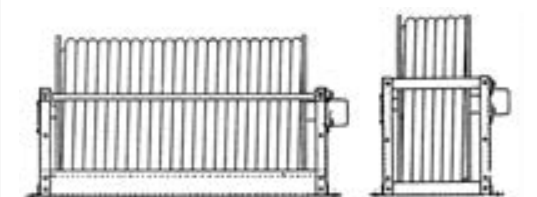
Consider operating temperature, product temperature and pressure required (PSI). Always use good quality hose rated for the service and operating pressure required. Poor quality hose tends to expand and contract under pressure surges. When this happens, hose remaining on the reel may bind and become difficult to handle. In extreme cases, poor quality hose may expand under pressure to the extent that the reel becomes distorted and inoperable.

6. ADDITIONAL OPTIONS

Customise your reel to meet your exact requirements. Once you select your reel type consider the different add-on features such as roller brackets, special mounting brackets, carry handles or a cart for portability. See the options available indicated on each page.

HOSE SELECTION

The drawing below shows two reels with different shapes and dimensions but with identical hose capacity. In most cases, more than one reel will handle the size and length of hose you need, so you can specify a reel to fit your space requirements.



R3 Retracta Spring Rewind Hose Reels

In the toughest environments across the world, the original Retractable polypropylene reel has built an enviable reputation for dependability. Building on this and with Macnaught's long history of innovation and design, they have developed the exciting new Retractable R3. Engineered to create an even higher industry benchmark, the Retractable R3 has created new levels of efficiency and dependability into a new era. At the heart of this innovation is the patented RACR 'Retractable Adjustable Control Return' system, which can be supplied with or retro fitted to any R3 Retractable. This world first control return system offers true control by allowing the user to set the speed of return to suit their individual requirements. The RACR system is fully serviceable and carries the same 10 year warranty and parts guarantee found with the entire Retractable family.

FEATURES:

- Tough, corrosion free polypropylene construction
- Supplied with fitted hose for specified application
- New high-wear resistant mouth design
- Increased internal capacity
- Overrun protection on spring
- Upgraded main spring (internal)
- Safe tensioning mechanism
- Fully serviceable - all parts readily available
- Optional RACR 'Retractable Adjustable Control Return' for all R3 models
- Fully warranted

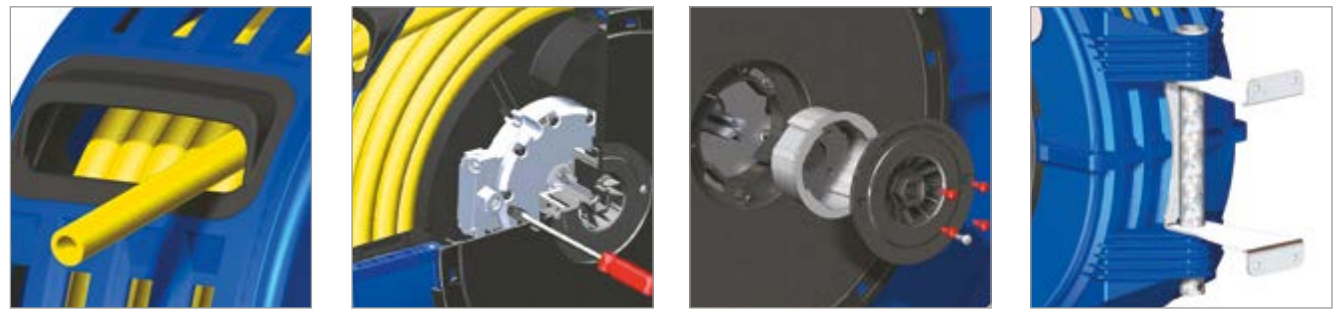
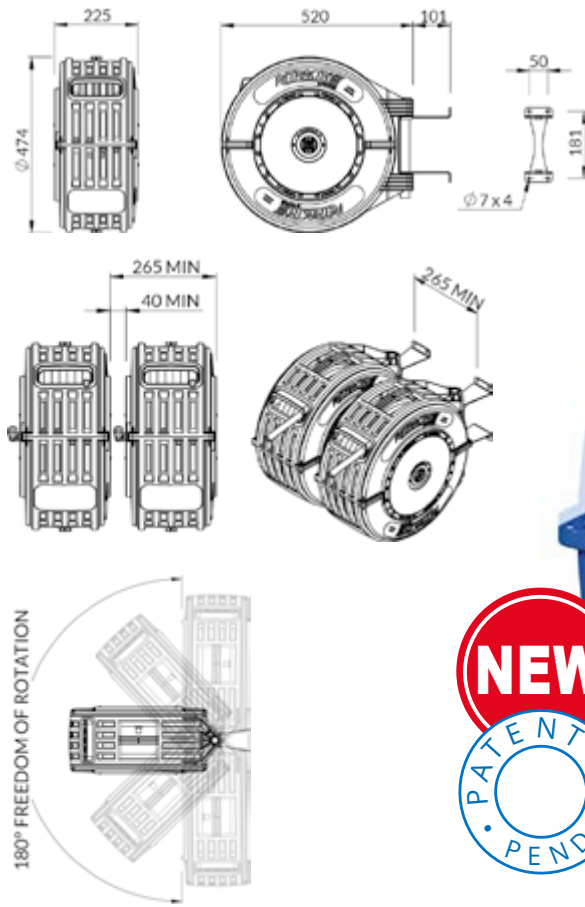


All Retractable models (on BU100 bracket)			
Reel dimensions			Approx weight with hose
W	H	D	
225mm	474mm	621mm	13kg / 29lb

Application	Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet	Reel colour
Compressed air	AR320R	20m (66')	3/8" (10mm)	Rubberised reinforced PVC	250psi (17bar)	3/8" BSPF	1/4" BSPM	Red
Compressed air	AR415R	15m (50')	1/2" (12.5mm)	Rubberised reinforced PVC	250psi (17bar)	3/8" BSPF	3/8" BSPM	Red
Cold wash 40°C	CW415B	15m (50')	1/2" (12.5mm)	Reinforced PVC	150psi (10 bar)	3/8" BSPF	1/2" BSPM	Blue
Hot wash 90°C	HW415R	15m (50')	1/2" (12.5mm)	HT chem resistant PVC	150psi (10 bar)	3/8" BSPF	1/2" BSPM	Red
Diesel Delivery	HD200B3	12m (40')	1/2" (12.5mm)	Diesel Hose	150psi (10 bar)	1/2" BSPF	1/2" BSPM	Blue
Propane	HP100R3	15m (50')	3/8" (10mm)	Propane Hose	150psi (10 bar)	3/8" BSPF	3/8" BSPM	Red
Food Quality Water 92°C	HFQ200R3	12m (40')	1/2" (12.5mm)	FDA Hose	150psi (10 bar)	1/2" BSPF	1/2" BSPM	Red
High pressure water 95°C	WHP100R3	20m (66')	3/8" (10mm)	Wire reinforced rubber	3000psi (205 bar)	3/8" BSPF	3/8" BSPM	Red
Chemical	WP100R3	15m (50')	3/8" (10mm)	Chemical resistant PVC	250psi (17bar)	3/8" BSPF	1/4" BSPM	Red
Oxy-acetylene	HOA200B3	10m (30')	3/8" (10mm)	Dual hose reinforced rubber	175psi (12bar)	Gas thread	Gas thread	Blue
Oxy-acetylene	HOA100B3	10m (30')	1/4" (6mm)	Dual hose reinforced rubber	175psi (12bar)	Gas thread	Gas thread	Blue
Oxy-propane	HOP200B3	10m (30')	3/8" (10mm)	Dual hose reinforced rubber	175psi (12bar)	Gas thread	Gas thread	Blue
Oxy-propane	HOP100B3	10m (30')	1/4" (6mm)	Dual hose reinforced rubber	175psi (12bar)	Gas thread	Gas thread	Blue
Oil medium pressure	OMP400B3	15m (50')	1/2" (12.5mm)	Wire reinforced rubber	1000psi (69 bar)	1/2" BSPF	1/2" BSPM	Blue
Grease	GR210B	10m (30')	1/4" (6mm)	Wire reinforced rubber	5000psi (340 bar)	1/4" BSPF	1/4" BSPM	Blue
Garden reel	DR418G	18m (60')	1/2" (12.5mm)	PVC	100psi (7 bar)	3/4" Male	Blank/Nozzle	Green
Breathing Air	BH100R3	15m (50')	3/8" (10mm)	Black Anti-static NBR/PVC	175psi (12 bar)	3/8" BSPF	3/8" BSPM	Red
Breathing Air	BH100R3-RESP	15m (50')	3/8" (10mm)	Yellow Respirax	150psi (10bar)	3/8" BSPF	3/8" BSPM	Red

All reels supplied with BU100 bracket for wall mounting to 1.8 mtr and overhead.
For higher wall or bench/floor mounting specify BB100 bracket when ordering. Additional mounting brackets are available.

RETRACTA[®] R3
by macnaught



Reelworks C2782 High Visibility Safety Reel

The C2782 multi-functional hi vis safety spring rewind air hose reel has an automatic rewind system which prevents the hose from bunching when retracting the hose back, the system layers the hose back onto the reel from side to side, neat and tidy every time. The slow retraction system will prevent the hose from speeding back to the reel if the operator accidentally lets go of the hose. This safety feature helps to protect people against injury and objects from potential damage. The reel is supplied complete with a hybrid polymer hose which lays flat when in use with no recoil effect and stays flexible even in extremely cold conditions. Manufactured from high impact UV stabilised polypropylene making the reel tough, lightweight and corrosion free. 2 year limited warranty.

FEATURES:

- Automatic guide system - no bunching of hose, layers hose from side to side neat and tidy every time
- Slow retraction system - prevents hose from speeding back to the reel if the hose is let go - safe operation
- Low tension spring
- Latching of hose at any length
- Working pressure up to 300 psi (20 bar)
- Suitable for compressed air and water



Item	Max pressure (psi/bar)	I.D. (inch)	Length (ft/m)
C2782	300/20	3/8"	50' / 15m



Reelworks C2783 High Visibility Safety Reel

The C2783 multi-functional 'hi visibility' safety spring rewind air hose reel has an automatic rewind system which prevents the hose from bunching when retracting the hose back. The system layers the hose back onto the reel from side-to-side, neat and tidy every time. The slow retraction system will prevent the hose from speeding back to the reel if the operator accidentally lets go of the hose. This safety feature helps to protect people against injury and objects from potential damage. The reel is supplied complete with a hybrid polymer hose which lays flat when in use with no recoil effect and stays flexible even in extremely cold conditions. Manufactured from high impact UV stabilised polypropylene making the reel tough, lightweight, and corrosion free. 2 year limited warranty.

FEATURES:

- Automatic guide system - no bunching of hose, layers hose from side to side neat and tidy every time
- Slow retraction system - prevents hose from speeding back to the reel if the hose is let go - safe operation
- Low tension spring
- Latching of hose at any length
- Working pressure up to 300 psi (20 bar)
- Suitable for compressed air and water



Item	Max pressure (psi/bar)	I.D. (inch)	Length (ft/m)	Dimensions (cm)	Approx. weight
C2783	300/20	1/2"	50' / 15m	50 x 21 x 45	10kg

Reelworks - 2752 / 2753 Series

The 2752/2753 compact spring rewind hose reel is constructed in durable impact resistant polypropylene. Supplied complete with 15 metre super flexible hybrid polymer hose, 1.5 metre inlet hose and integral pivoting wall bracket. The compact size makes this reel ideal for use in smaller workshops where space is limited.

FEATURES:

- Supplied with 15 metre flexible, premium hybrid polymer hose
- Hose has no memory and lays flat when in use
- High quality, durable polypropylene housing
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Integral pivoting wall bracket, swivels through 180°
- Latching of hose at any length
- Latching system can be set to free run if required
- Working pressure up to 300 psi (20 bar)
- C2752A comes complete with 3/8" to 1/4" adaptors

Reelworks
The Reel Experts

Item	Temp. °C	Max pressure	Hose capacity		Dimensions (cm) WxDxH	NW/GW (kgs)
			I.D. (inch)	Length		
C2752	60°C	300psi (20bar)	3/8"	15m	19 x 42 x 37	6.0/7.0
C2752A	60°C	300psi (20bar)	1/2"	15m	19 x 42 x 37	6.0/7.0
C2753	60°C	300psi (20bar)	3/8"	15m	19 x 42 x 37	8.2/9.7



Reelworks - 705 Series

The 705 series are constructed in blue impact resistant polypropylene. Each unit comes supplied with fitted hose and integral wall/overhead pivoting mounting bracket. Both models are supplied with either 33' x 1/4" or 25' x 5/16" hose and are suitable for either compressed air or water delivery.

FEATURES:

- Light weight and durable just 5.7kgs
- Constructed in high-impact UV stabilised polypropylene
- Supplied with fitted PVC hose for immediate installation
- Fully assembled, includes 3' connecting hose
- Suitable for compressed air and water
- Integral wall/overhead mounting bracket
- Latching of hose at any length
- Fully automatic hose rewind for neat and tidy storage
- Virtually maintenance free
- 12 month manufacturer's warranty

For up to date information and prices please visit - www.redashe.com

Item	Temp. °C	Max pressure (psi/bar)	Hose capacity		Dimensions (cm)	NW/GW (kgs)
			I.D. (inch)	Length (ft/m)		
C705-100	60	180/12	1/4"	33'/10	31H x 16W x 34D	5.7
C705-200	60	180/12	5/16"	25'/8	31H x 16W x 34D	5.7



Koreel CPAR-1120 - ABS Compressed Air Reel

The CPAR series, spring rewind, hose reel combines convenient storage of compressed air hose. This reel offers 20m x $\frac{3}{8}$ " fitted hose and is suitable for use in industrial and workshop applications. Constructed in ABS plastic for a smooth finish with strength and reliability. The reel is supplied as standard with a fitted hose and a pivoting wall bracket.

FEATURES:

- Constructed in ABS plastic
- Latching of hose at any length
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Supplied with fitted hose
- Virtually maintenance free
- Integral wall mounting swivel bracket

KOREEL



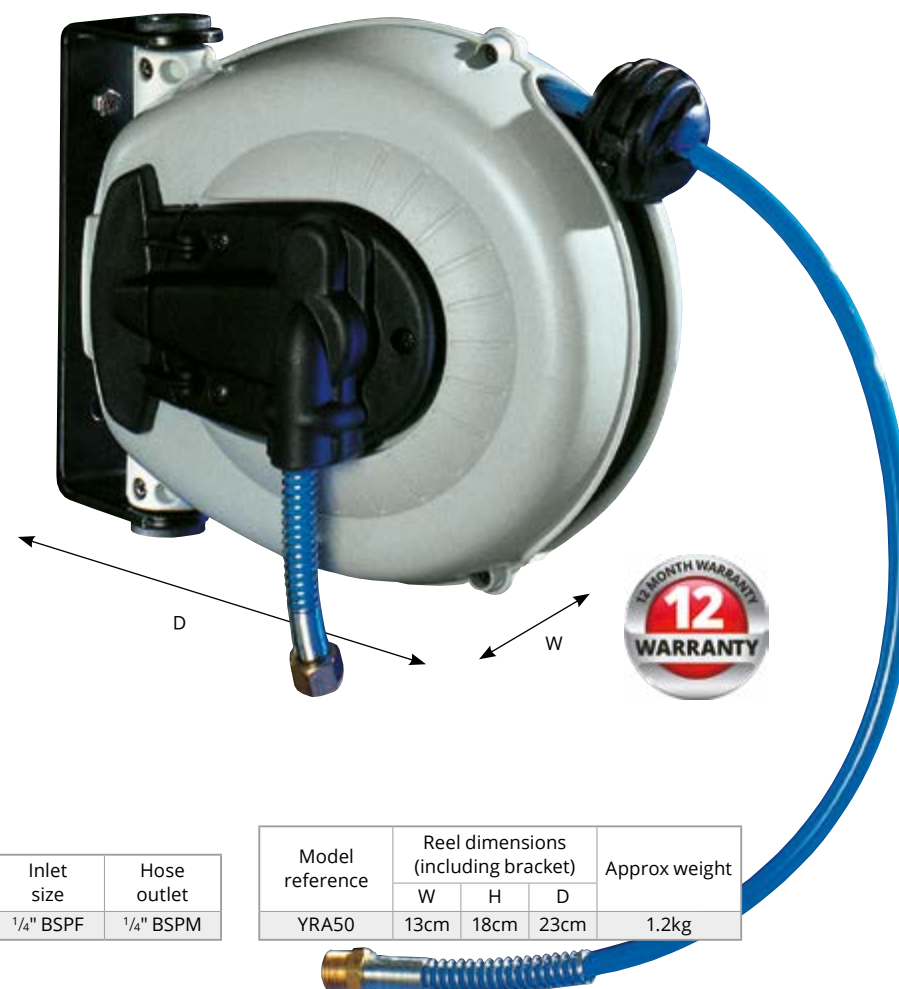
Model	Hose size (I.D.)	Length	Max pressure	Colour	Reel dimensions W x H x D (mm)	Approx weight
CPAR-1120	$\frac{3}{8}$ "	20m	10 bar	Grey	177 x 421 x 505	12.3 kgs

RA50 Series Compact Spring Rewind Reels

This compact spring rewind reel from Redashe is small and compact and an excellent choice for the small workshop or production line. Features include a tough polypropylene construction. 6m of $\frac{1}{4}$ " internal bore hose (5m on the reel 1m outside), a maximum working pressure of 150psi (10 bar). Overall weight including bracket and hose kit 1.2kg (2.6lbs)

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Powder coated, integral wall/ceiling bracket
- Latching of hose at any length, or a free run option
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Lightweight design, just 1.2kgs
- Supplied with fitted hose
- Virtually maintenance free
- 12 month manufacturer's warranty



For up to date information and prices please visit - www.redashe.com

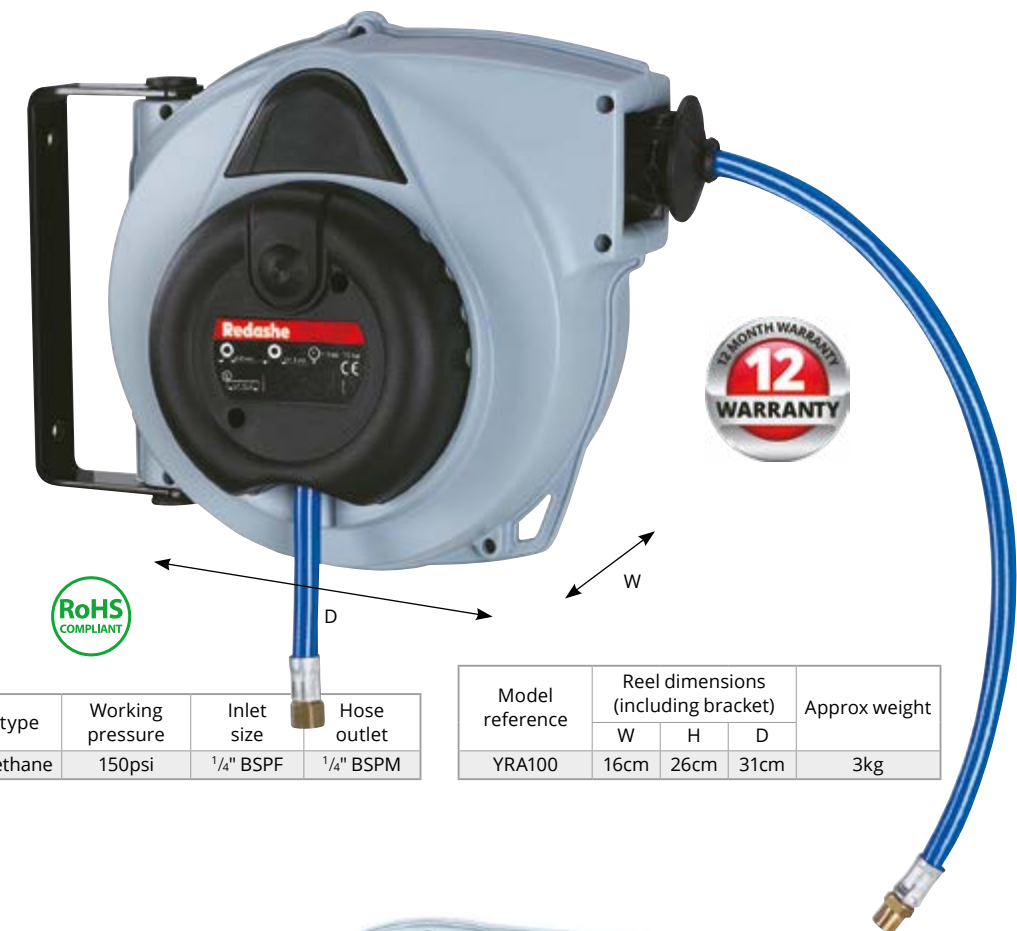
Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet	Model reference	Reel dimensions (including bracket)			Approx weight
								W	H	D	
YRA50	6m	6mm	Polyurethane	150psi	$\frac{1}{4}$ " BSPF	$\frac{1}{4}$ " BSPM	YRA50	13cm	18cm	23cm	1.2kg

RA100 Series Compact Spring Rewind Reels

This compact spring rewind reel from Redashe is small and compact and an excellent choice for the small workshop or production line. Features include a tough polypropylene construction. 10m of $\frac{1}{4}$ " internal bore hose (on the reel 1m outside), a maximum working pressure of 150psi (10 bar). Overall weight including bracket and hose kit 3.2kg (7.7lbs)

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Powder coated, integral wall/ceiling bracket
- Latching of hose at any length, or a free run option
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Lightweight design, just 3kgs
- Supplied with fitted hose
- Virtually maintenance free
- 12 month manufacturer's warranty



Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet
YRA100	10m	6mm	Polyurethane	150psi	$\frac{1}{4}$ " BSPF	$\frac{1}{4}$ " BSPM

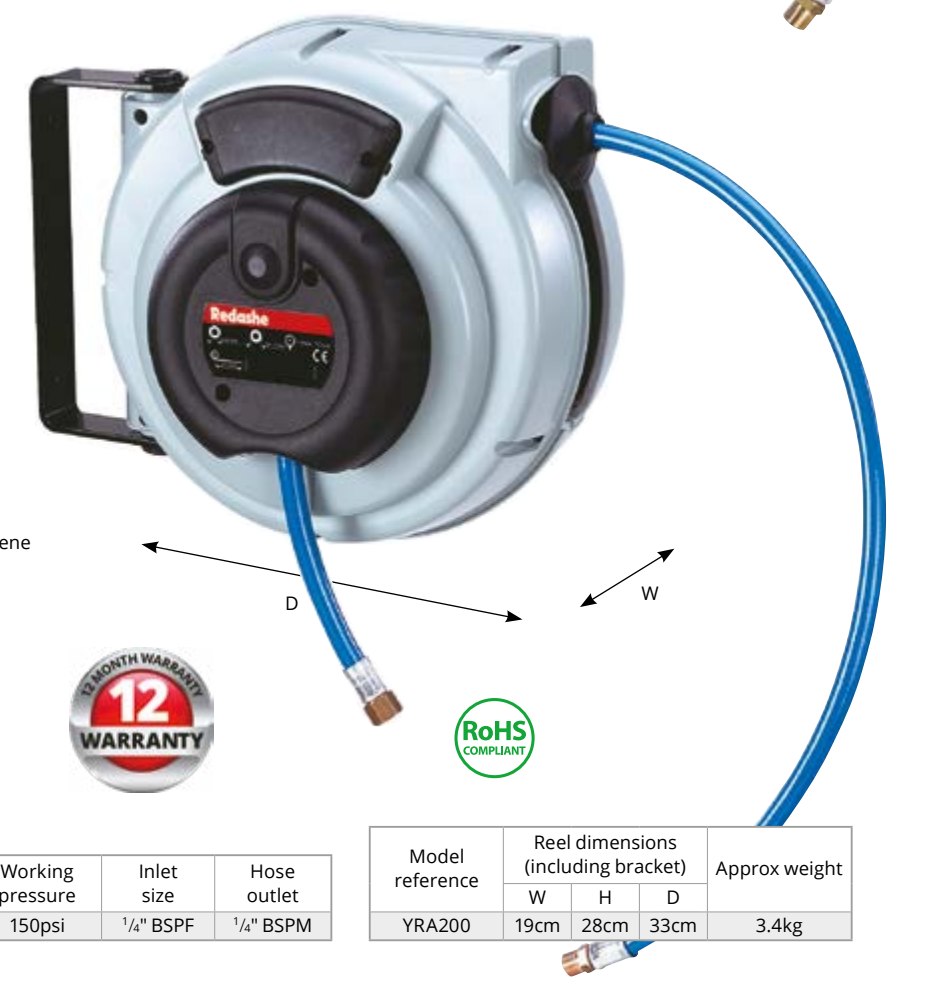
Model reference	Reel dimensions (including bracket)			Approx weight
	W	H	D	
YRA100	16cm	26cm	31cm	3kg

RA200 Series Compact Spring Rewind Reels

Redashe RA200 compact spring rewind hose reels are designed for use with compressed air only. Their small size makes them ideal for the smaller workshop of where space is a major factor. Constructed in high impact polypropylene for maximum durability, each reel comes supplied with fitted hose and integral wall/overhead mounting bracket. The switchable locking facility offers latching of hose or convenience of free run.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Powder coated, integral wall/ceiling bracket
- Latching of hose at any length, or a free run option
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Lightweight design, just 3.4kgs
- Supplied with fitted hose
- Virtually maintenance free
- 12 month manufacturer's warranty
- Slowmotion option available



Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet
YRA200	9m	8mm	Polyurethane	150psi	$\frac{1}{4}$ " BSPF	$\frac{1}{4}$ " BSPM

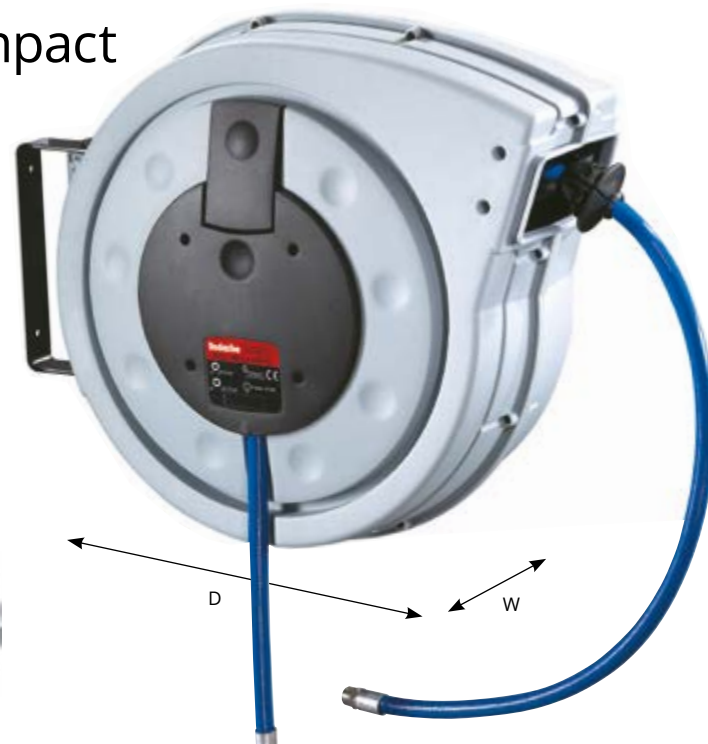
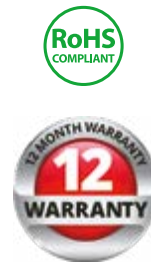
Model reference	Reel dimensions (including bracket)			Approx weight
	W	H	D	
YRA200	19cm	28cm	33cm	3.4kg

RA250 / 300 / 350 / 400 Compact Spring Rewind Reels

Redashe RA250, RA300, RA350 and RA400 compact spring rewind hose reels are designed for use with compressed air only. Their small size makes them ideal for the smaller workshop of where space is a major factor. Constructed in high impact polypropylene for maximum durability, each reel comes supplied with fitted hose and integral wall/overhead mounting bracket. The switchable locking facility offers latching of hose or convenience of free run.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Powder coated, integral wall/ceiling bracket
- Latching of hose at any length, or a free run option
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Lightweight design
- Supplied with fitted hose
- Virtually maintenance free
- 12 month manufacturer's warranty



Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet
YRA250	15m	8mm	Polyurethane	150psi	1/4" BSPF	1/4" BSPM
YRA300	10m	10mm	Polyurethane	150psi	3/8" BSPF	3/8" BSPM
YRA350	20m	10mm	Polyurethane	150psi	3/8" BSPF	3/8" BSPM
YRA400	16m	13mm	Polyurethane	150psi	1/2" BSPF	1/2" BSPM

Model reference	Reel dimensions (including bracket)			Approx weight
	W	H	D	
YRA250	20cm	36cm	45cm	5.5kgs
YRA300	20cm	36cm	45cm	5.9kgs
YRA350	21cm	43cm	53cm	8.3kgs
YRA400	21cm	43cm	53cm	8.5kgs

RA250 / 300SM Safety Slowmotion Compact Reels

Redashe are proud to announce the introduction of a new 'Slowmotion System' incorporated into our Compact range of reels. This has additional safety benefits compared to our standard Compact range. The Compact spring rewind reel operates with a normal retraction system but should the operator lose his grip on the hose, then the system senses the over-speed retraction and slows the hose to a safe speed by means of a centrifugal brake. This protects the operator, work colleagues, vehicles, surrounding equipment and of course the reel itself.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Powder coated, integral wall/ceiling bracket
- Latching of hose at any length, or a free run option
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Lightweight design, just 5.5kgs and 5.9kgs
- Supplied with fitted hose
- Virtually maintenance free
- 12 month manufacturer's warranty



Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet	Reel width	Reel height	Reel depth	Approx weight
YRA250SM	15m	8 mm	Polyurethane	150psi	1/4" BSPF	1/4" BSPM	20 cm	36 cm	45 cm	5.5 kg
YRA300SM	10m	10 mm	Polyurethane	150psi	3/8" BSPF	3/8" BSPM	20 cm	36 cm	45 cm	5.9 kg

Redashe YZ6185 110v Spring Rewind Cable Reel

The Redashe 110v spring rewind cable reel has been developed for the modern industrial, automotive and construction industries. They are a must to replace tangled extension cables and are designed for a more permanent solution to cable storage. These units give long lasting and trouble free performance.

FEATURES:

- Aluminium construction
- Latching of cable at any length
- Fully automatic spring rewind
- Low effort, easy to use, rewind tension
- Supplied with fitted cable plus standard 16A plug and socket
- Virtually maintenance free
- Wall mounted swivel bracket
- IP65 rated (Plug and socket IP44)



Redashe

SUPPLIED WITH
FITTED CABLE



Model	Cable capacity	Cores	Max voltage	Max amperage	Reel dimensions	Approx weight
YZ6185	15m	3 x 2.5mm ²	110v	Cable in 8A Cable out 16A	W: 47cm H: 21cm D: 47cm	12kg



Redashe YZ6185-PCR Spring Rewind Cable Reel

The Redashe 240v spring rewind cable reel has been developed for the modern industrial, automotive and construction industries. They are a must to replace tangled extension cables and are designed for a more permanent solution to cable storage. These units give long lasting and trouble free performance.

FEATURES:

- Aluminium construction
- Latching of cable at any length
- Fully automatic spring rewind
- Low effort, easy to use, rewind tension
- Supplied with fitted cable plus standard 16A plug and socket
- Virtually maintenance free
- Wall mounted swivel bracket
- IP42 rated (Not plug and socket)



Redashe

SUPPLIED WITH
FITTED CABLE



Model	Cable capacity	Cores	Max voltage	Max amperage	Reel dimensions	Approx weight
YZ6185-PCR	15m	3 x 2.5mm ²	240v	Cable in 8A Cable out 16A	W: 47cm H: 21cm D: 47cm	12kg



Reelworks 6888 3 Phase Cable Reel

The Reelworks 6888 Series 3 phase cable reel has been developed for industrial applications where a heavy duty, spring rewind reel is required to increase productivity and efficiency. Mounting the cable onto the reel ensures tangle free performance while extending the working life of the cable.

FEATURES:

- Heavy duty powder coated steel construction provides a high quality, chip resistant surface
- Auto rewind easily wraps, stores and protects the cable
- Multi position latching assembly secures cable at any length
- Overloading protect function with circuit breaker built into rear housing
- Guide arm adjusts to wall, floor and overhead payout directions
- 4 roller non-sag cable guide
- IP55 waterproof ■ 16amp
- 2m lead-in cable included ■ CE approved



Reelworks
The Reel Experts

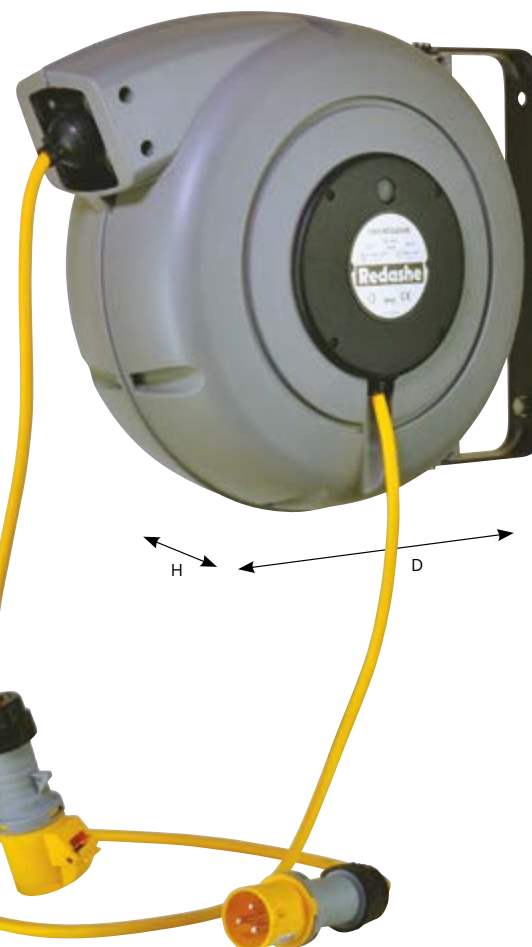
Item	Accessory	Cable specification				Volt	Watt (rolled cable)	Watt (extended cable)	Packing dimensions (cm)	NW/GW (kgs)
		Type	Sectional area (mm²)	No. of cores	Length (m)					
C6888-380V-50	Without socket & plug	H07RN-F	2.5	5	15	380V	5000W	7200W	49.5 x 34.5 x 48.5	16/17.5

Redashe YZ7325 110v Spring Rewind Cable Reel

The Redashe 110v spring rewind cable reel has been developed for the modern industrial, automotive and construction industries. They are a must to replace tangled extension cables and are designed for a more permanent solution to cable storage. These units give long lasting and trouble free performance.

FEATURES:

- Impact resistant polypropylene construction
- Latching of cable at any length
- Fully automatic spring rewind
- Low effort, easy to use, rewind tension
- Supplied with fitted cable plus standard 16A plug and socket
- Virtually maintenance free
- Wall mounted swivel bracket
- IP42 rated (Plug and socket IP44)



Redashe

SUPPLIED WITH
FITTED CABLE



Model	Cable capacity	Cores	Max voltage	Max amperage	Reel dimensions	Approx weight
YZ7325	15m	3 x 2.5mm²	110v	Cable in 8A Cable out 16A	W: 47cm H: 21cm D: 47cm	12kg

RC25/50 Series Compact Spring Rewind Cable Reels

Redashe Compact cable reels combine convenient storage of 2 and 3 core electrical cable with fast payout and automatic spring rewind. Available up to 240 volt. These reels are suitable for use with power tools, low voltage inspection lamps and other electrical appliances. Constructed in high-impact polypropylene for maximum durability each reel is supplied with fitted cable and an integral wall mounting bracket.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Lightweight design, just 1.8 - 2.0 kgs
- Supplied with fitted H05VV-F cable
- Powder coated, integral wall/ceiling bracket
- Latching of cable at any length, or a free run option
- Manually restorable circuit breaker
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Virtually maintenance free
- Supplied with 1.3m inlet cable, 3 pin UK plug and socket
- 12 month manufacturer's warranty



Model reference	Cable		Max voltage	Certification	Max amperage
	Length	Cores			
YRC25	5+1m	3 x 1.5mm²	240v	CE	Cable in 3 amp Cable out 10 amp
YRC50	7+1m	2 x 1mm²	12/24v	CE	

Model reference	Reel dimensions			Approx weight
	W	H	D	
YRC25/50	13cm	18cm	22cm	2.0 kg

RC100/150 Compact Spring Rewind Cable Reels

Redashe Compact cable reels combine convenient storage of 2 and 3 core electrical cable with fast payout and automatic spring rewind. Available up to 240 volt. These reels are suitable for use with power tools, low voltage inspection lamps and other electrical appliances. Constructed in high-impact polypropylene for maximum durability each reel is supplied with fitted cable and an integral wall mounting bracket.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Lightweight design, just 3.5 - 3.8kgs
- Supplied with fitted H05VV-F cable
- Powder coated, integral wall/ceiling bracket
- Latching of cable at any length, or a free run option
- Manually restorable circuit breaker
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Virtually maintenance free ■ 12 month manufacturer's warranty
- Supplied with 1.3m inlet cable, 3 pin UK plug and socket

Model reference	Cable		Max voltage	Certification	Max amperage
	Length	Cores			
YRC100	10m	3 x 1.5mm²	240v	CE	Cable in 3 amp Cable out 10 amp
YRC150	15m	2 x 1mm²	12/24v	CE	

Model reference	Reel dimensions			Approx weight
	W	H	D	
YRC100/150	16cm	26cm	31cm	3.5 kg



RC2000 / 2500 / 3500 Series Compact Spring Rewind Cable Reels



Redashe



The Redashe RC2000/2500/3500 compact cable reels combine convenient storage of 3 core electrical cable with fast payout and automatic spring rewind. These reels offer up to 75' of cable and are suitable for use with power tools and other electrical appliances. Constructed in high-impact polypropylene for maximum durability each reel is supplied with fitted cable and an integral wall mounting bracket.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Lightweight design, just 8.2 and 12.0 kgs
- Supplied with fitted cable H05VV-F (YRC2500) H07VV-F (YRC3500)
- Powder coated, integral wall/ceiling bracket
- Latching of cable at any length, or a free run option
- Manually restorable circuit breaker
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Virtually maintenance free
- Supplied with 1.3m inlet cable, 3 pin UK plug and socket (Not YRC2000)
- 12 month manufacturer's warranty
- Optional slowmotion on YRC2500

For up to date
information and prices
please visit -
www.redashe.com

Model reference	Cable		Max voltage	Certification	Max amperage
	Length	Cores			
YRC2000	20m	3 x 2.5mm ²	240v	CE	Cable in 3 amp Cable out 16 amp
YRC2500	20m	3 x 1.5mm ²	240v	CE	Cable in 3 amp Cable out 10 amp
YRC3500	35m	3 x 1.5mm ²	240v	CE	

Model reference	Reel dimensions			Approx weight
	W	H	D	
YRC2500	23cm	39cm	45cm	8.6 kg
YRC2500	20cm	36cm	45cm	8.2 kg
YRC3500	21cm	43cm	53cm	12 kg

Koreel CPER-120 - ABS Cable Reel

The CPER series, spring rewind, cable reel combines convenient storage of electrical cable. This reel offers 20m of 3 core 1.5mm² cable and is suitable for use with small power tools and other electrical appliances. Constructed in ABS plastic for a smooth finish with strength and reliability. The reel is supplied as standard with a fitted cable and pivoting wall bracket.

FEATURES:

- Constructed in ABS Plastic
- Latching of cable at any length
- Fully automatic spring rewind
- Low effort easy to use rewind tension
- Supplied with fitted cable
- Virtually maintenance free
- Integral wall mounting swivel bracket

KOREEL



Model	Cable length	No. of cores	Voltage	Amps in/out	Colour	Reel dimensions W x H x D (mm)	Approx weight
CPER-120	20m	3 x 1.5mm ²	240v	4/12	Grey	177 x 421 x 505	11kgs

625 Cable Reel

The 625 series, spring rewind cable reels combine convenient storage of electrical cable. These reels offer 25m of 3 core 1.5mm² cable and are suitable for use with small power tools and other electrical appliances. Constructed in high impact UV stabilised polypropylene for maximum strength and reliability. All reels are supplied as standard with fitted cable and pivoting wall brackets.

FEATURES:

- Light weight and durable just 11kgs
- Constructed in high impact UV stabilised polypropylene
- Supplied with 25m x 3 core 1.5mm cable
- 1.3m fitted inlet cable
- Supplied with fitted pivoting wall bracket
- Latching of cable at any length
- Fully automatic spring rewind action
- Fitted circuit breaker
- Supplied with fitted UK plug and sockets
- 12 month manufacturer's warranty (Excluding cable)

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Item	Cable length	No. of cores	Voltage	Amps in/out	Colour	Dimensions (cm)	Weight (kg)
C625-2500	25m	3 x 1.5mm ²	240v	3/10	Blue	43H x 21W x 44D	11

Reelworks 605 Cable Reel

The 605 Series cable reels combine the convenient storage of 3 core electrical cable with fast payout and automatic spring rewind. These reels offer 15m of cable and are suitable for use with power tools and other electrical appliances. Constructed in high impact UV stabilised polypropylene for maximum strength and durability. All reels are supplied as standard with fitted cable.

FEATURES:

- Compact, lightweight design
- Supplied with 15m of 3 core, 1.5mm cable
- Fitted inlet cable for connection to supply
- Integral wall mounting swivel bracket
- Latching of cable at any length
- Fully automatic spring rewind
- Low effort, easy to use rewind tension
- Virtually maintenance free

SUPPLIED WITH
FITTED CABLE

Item	Cable length	No. of cores	Voltage	Amps in/out	Colour	Dimensions (cm)	Weight (kg)
C605-100	15m (50')	3 x 1.5mm ²	240v	3/10	Blue	28H x 16W x 33D	5.2

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Reelworks 2681 Cable Reel

The C2681 series cable reel combine the convenient storage of 3 core electrical cable, but with the added safety feature of speed control rewind. The slow retraction system prevents the cable from speeding back to the reel if the operator accidentally lets go of the cable. The reel is supplied complete with 15 meters of 3 core cable (1.5mm²) in a durable high quality impact resistant polypropylene casing, making it light & compact. 2 year limited warranty.

FEATURES:

- Slow retraction system - prevents hose from speeding back to the reel if the hose is let go - 'safe operation'
- Light weight and durable from just 7kgs
- Supplied with 15m of 3 core, 1.5mm² cable
- Integral wall mounting swivel bracket
- Latching of cable at any length
- Fitted circuit breaker
- Electricity indicator LED light
- 1.5m fitted inlet cable
- Supplied with fitted UK plug and sockets
- For indoor use only
- 2 Year limited warranty

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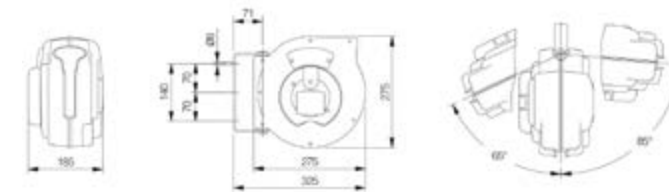
SUPPLIED WITH
FITTED CABLE

Item	Cable length	No. of cores	Voltage	Amps in/out	Dimensions (cm)	Weight (kg)
C2681	15m (50')	3 x 1.5mm ²	230v	3/10	26H x 18W x 43D	7



RT811720 Barrier Tape Reel

Warning tape reels are ideally suited to industrial and commercial situations where a safety barrier is required to prevent people from entering an unsafe or restricted area. The reels can be simply mounted on a wall, the barrier tape then can be pulled across the danger zone and finally hooked on the opposite wall. The tape can then be easily and quickly retracted when access is required. It can also be installed in areas that need cordoning off for maintenance or wherever access must be denied. These reels come complete with a metal ring for hooking and they can also be equipped with the new patented SLOWMOTION system at an additional cost, which allows a safe and controlled rewinding of the tape.



Redashe

Model	Tape capacity	Tape Colour	Reel dimensions	Approx weight
YRT811720	16m	Yellow/Black	W: 18.5cm H: 27.5cm D: 32.5cm	2.7kg

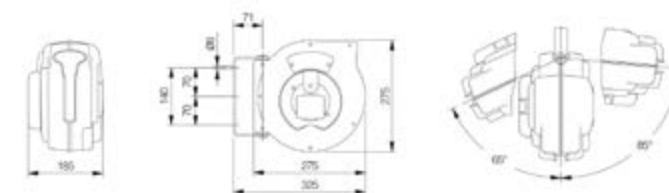
FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Ideal for preventing people entering an unsafe or restricted area
- The tape is manufactured from a strong durable woven textile
- Can also be equipped with the new patented slow motion system to give controlled rewinding of the tape



RT811700 Barrier Tape Reel

Warning tape reels are ideally suited to industrial and commercial situations where a safety barrier is required to prevent people from entering an unsafe or restricted area. The reels can be simply mounted on a wall, the barrier tape then can be pulled across the danger zone and finally hooked on the opposite wall. The tape can then be easily and quickly retracted when access is required. It can also be installed in areas that need cordoning off for maintenance or wherever access must be denied. These reels come complete with a metal ring for hooking and they can also be equipped with the new patented SLOWMOTION system at an additional cost, which allows a safe and controlled rewinding of the tape.



Redashe

Model	Tape capacity	Tape Colour	Reel dimensions	Approx weight
YRT811700	16m	Red/White	W: 18.5cm H: 27.5cm D: 32.5cm	2.7kg

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Ideal for preventing people entering an unsafe or restricted area
- The tape is manufactured from a strong durable woven textile
- Can also be equipped with the new patented slow motion system to give controlled rewinding of the tape



Redashe SR100-05 Warning Tape Barrier Reels

Warning tape reels are ideally suited to industrial and commercial situations where a safety barrier is required to prevent people from entering an unsafe or restricted area. The reels can be simply mounted on a wall, the barrier tape then can be pulled across the danger zone and finally hooked on the opposite wall. The tape can then be easily and quickly retracted when access is required. It can also be installed in areas that need cordoning off for maintenance or wherever access must be denied. These reels come complete with a metal ring for hooking and they can also be equipped with the new slow rewind system, which allows a safe and controlled rewinding of the tape.

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Ideal for preventing people entering an unsafe or restricted area
- The tape is manufactured from a strong durable woven textile (width 48mm)
- Equipped with a slow retraction system preventing the tape from speeding back to the reel if the tape is let go (safe operation)

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Model	Tape capacity	Tape Colour	Reel dimensions			Approx. weight
			Depth	Width	Height	
SR100-05	16m	Yellow / Black	308mm	308mm	308mm	2.9 kg
YRT811700	16m	Red / White	308mm	308mm	308mm	2.9 kg

Retracta DR418G Garden Reels

Retracta DR418G Domestic Garden Water Hose Reel is of premium quality and is constructed from UV stabilised polypropylene.

Fitted with a positive spring latch mechanism so the hose can be latched at any length, then gently let the hose rewind itself – wet or dry – with no kinks or mess. The Retracta swivels in the direction you are working in and folds flat against the wall when not in use.

It can be padlocked for security and left out in all weathers or simply remove the bracket and pin and store safely in the shed.

FEATURES:

- Tough, corrosion free polypropylene construction
- Lightweight - average just 10 kg, easy to install
- Supplied with high quality horticultural hose
- Premium German engineered main spring
- Wear resistant Pro-Glide™ mouth
- Fully automatic hose rewind for neat and tidy storage
- Low effort easy-to-use rewind tension
- Virtually maintenance free
- Completely serviceable - all parts readily available
- 10 year warranty



Model	Hose length	Hose size (I.D.)	Hose type	Working pressure	Inlet size	Hose outlet	Reel colour	Weight (kg)
DR418G	60' (18m)	1/2" (12.5mm)	PVC	100psi (7 bar)	3/4" Male	Hose Nozzle	Green	10

macnaught

Reelworks C2766 Garden Reel

The C2766 series are constructed in green impact resistant polypropylene. This unit comes supplied with fitted hose and integral wall/overhead pivoting mounting bracket. Supplied with 20m of hose and is suitable for domestic water delivery only.

FEATURES:

- Lightweight and durable - just 10.6kg
- Constructed in high impact UV stabilised polypropylene
- Supplied and fitted with PVC hose for immediate and trouble free installation
- Fully assembled, includes 36"/0.9m connecting hose
- Complete with water gun and convenient handle for portable use
- Fitted with speed control to help automatic hose rewinding constant and at a safe speed keeping it under control at all time
- Hose layering system ensures neat and trouble free storage of hose
- Spring fully enclosed and lubricated
- Integral wall/overhead pivoting bracket
- Non-sag rollers reduce hose wear
- 12 month manufacturer's warranty



SUPPLIED WITH
FITTED HOSE

Reelworks
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Item	Hose Capacity	Hose ID	Max PSI	Inlet	Colour	Weight (kg)
C2766	20m (65')	1/2" / 12.5mm	10 bar	3/4"	Green	10.6

Reelworks C760-GAR Garden Reel

FEATURES:

- Constructed in high impact UV stabilised polypropylene
- Positive latching mechanism, locks hose at any length
- 140° pivoting wall bracket, ensures pullout in any direction
- 10 bar (145 psi) working pressure
- Supplied with fitted 1/2" PVC Hose for immediate installation
- A unique 30m spring rewind capacity
- Hose layering system ensures neat and trouble free storage of hose
- Fully assembled, includes 3' connecting hose
- Complete with adjustable spray/jet water nozzle
- 12 month manufacturer's warranty



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NEW 30M
CAPACITY

Model	Hose length	Hose size (I.D.)	Max pressure	Inlet outlet	Reel dimensions W x D x H	Weight (kg)
C760-GAR	100' (30m)	1/2" (12.5mm)	145psi (10 bar)	3/4" F	290 x 495 x 495	18

Hose Reel Accessories

Swivel Assemblies

Redashe 90 deg. swivel assemblies are available in the following sizes:

Part number	In/out	Max/Psi
T1969-BSP	1/4" x 1/4"	3000 psi
T499-BSP	1/4" x 1/4"	3000 psi
T433-BSP	3/8" x 3/8"	3000 psi
T521-BSP	3/8" x 3/8"	4000 psi
T434-BSP	1/2" x 1/2"	3000 psi
T426-BSP	3/4" x 3/4"	3000 psi
T7231-NPT	1" x 1"	300 psi
T15257-1	1" x 1"	400 psi

Stainless steel swivels also available, ask our technical sales staff for details.



Hose Stoppers



Part number	Hose ID	Hose OD
T131	1/4"	1/2"
C131	3/8"	5/8"
C254	1/2"	7/8"
C430	3/4"	1 1/8"
C20414	1"	1 1/2"
T20215	1 1/4"	1 3/4"
T20216	1 1/2"	2"

Hose Reel Covers

This innovative product eliminates the problem of site hose reels freezing. The jackets are designed to be retro-fitted over the existing hose reel. This can prevent the need for expensive fibreglass enclosures and space heaters.

FEATURES:

- PVC/Silicon jacket
- Thermally insulated
- Velcro fastening
- Easy to install
- Frost protection
- Waterproof
- Optional trace heating 110V or 230V, with 100W output



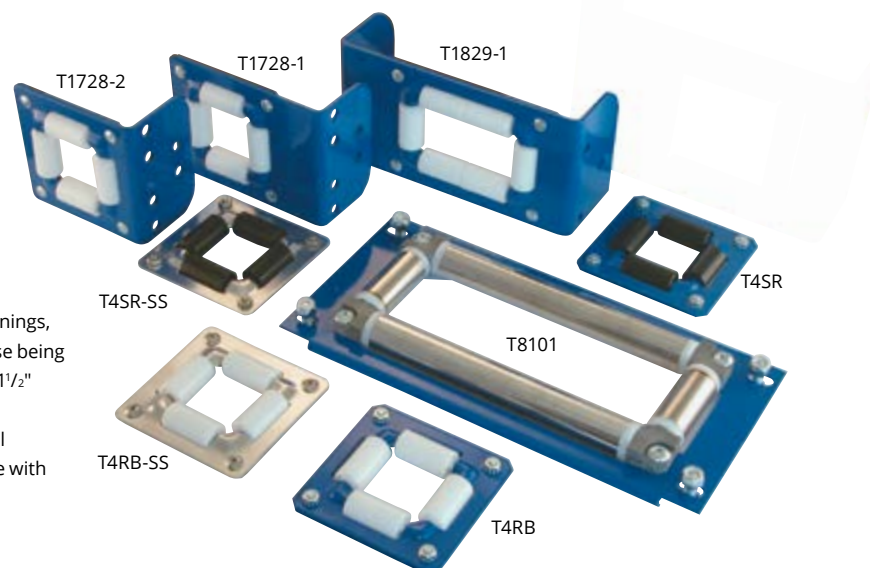
Roller Guides

T4RB Face mounted roller guide, for use with hose up to 3/4" (19mm) internal bore. Ideal for use through panels ect. Also available with solid rollers (T4SR)

T1728-1 Right angled roller guide, for use with hose up to 3/4" (19mm) internal bore. These guides are ideal for payout along walls ect. Also available with solid rollers, and in stainless steel. (T1728 and T1728-1-SS).

T8101 Large four way roller assembly for use on cabinet/door openings, or similar locations where sharp edges may cut or damage the hose being handled. Supplied as standard on SP, DP series reels. Hoses up to 1 1/2" Internal bore.

T1829-1 Truck series roller guide for use with hose up to 1" internal bore. Right angles edges allow both ends to be fixed. Also available with solid rollers and in stainless steel (T1828-1 and T1829-1-SS).



Mounting Brackets

T15720 Mounting bracket, allows the reel unit to swivel through 180 deg. Constructed in heavy gauge powder coated steel. P' and SH Series only.

CST20 Mounting bracket allows the reel units swivel through 180 deg. Constructed in 304 grade stainless steel. P', SH and truck series reels only.

T15725 Mounting bracket allows the reel unit to swivel through 180 deg. Constructed in heavy gauge powder coated steel. Suitable for size index 4 SH series and size index 3 MP Series.

CP/B2 140° Pivoting wall bracket in powder coated steel suitable for the 809 series reels (see page 9).

CP/B3 340° Heavy duty pivoting base unit in powder coated steel suitable for the 809 and 820 series.

CP/B4 140° Pivoting wall bracket in powder coated steel suitable for the 808 series reels (see page 9).

T15725



CST20

T15720

CP/B4

CP/B3

CP/B2



Connecting Hoses

Connecting hoses (Prices for non-standard lengths available on request).



Connecting hoses for redashe hose reels			
Reference	Ft x ID	Max PSI	End Fittings
TGC5A	3' x 1/4"	300	1/4" BSPMT
TGC5B	3' x 1/4"	5000	1/4" BSPMT
TGC6A	3' x 3/8"	300	3/8" BSPMT
TGC6B	3' x 3/8"	3000	3/8" BSPMT
TGC7A	3' x 1/2"	300	1/2" BSPMT
TGC7B	3' x 1/2"	3000	1/2" BSPMT
TGC8A	3' x 3/4"	300	3/4" BSPMT
TGC8B	3' x 3/4"	1000	3/4" BSPMT
TGC9A	3' x 1"	230	1" BSPMT
TGC9B	3' x 1"	1000	1" BSPMT

Connecting hoses for all applications are available. Please ask for details.

Additional/optional brackets for Retractable reels. As standard, all Retractable hose reels are supplied with the BU100 bracket suitable for wall mounting up to 6' (1.80m) and overhead mount up to 15' (4.60m). These are available separately to allow the reel to be moved from point to point. The BB100 bracket should be specified at the time of ordering for wall mount from 6' to 15' and bench/floor mount.



BB100

BU100

Trigger Operated Water Guns

Redashe trigger operated water guns give fingertip control of water usage in a variety of wash down applications. Medium duty, heavy duty and stainless steel versions are available.

FEATURES:

- Easy to use trigger operation
- Adjustable spray/jet pattern
- Water temperatures up to 95° Celsius
- Flow rates up to 60 ltrs a minute
- Automatic water shut-off on release of trigger
- Water pressures up to 25bar / 367psi
- All supplied with safety trigger guard (excludes the XGM)

Part number	Description	Temp	Pressure psi/bar	Flow rate
GM medium duty water guns				
XGM	3/4" BSP female inlet	38°C	60 psi / 4 bar	15 ltr/min
XGM1	c/w 1/2" brass tailpiece	38°C	60 psi / 4 bar	15 ltr/min
XGM2	c/w 3/4" brass tailpiece	38°C	60 psi / 4 bar	15 ltr/min
GN heavy duty water guns				
CGN	1/2" BSP female inlet	95°C	367 psi / 25 bar	75 ltr/min
CGN1	c/w 1/2" brass tailpiece	95°C	367 psi / 25 bar	75 ltr/min
CGN2	c/w 3/4" brass tailpiece	95°C	367 psi / 25 bar	75 ltr/min
GNSS stainless steel water guns (white)				
XGNSS	1/2" BSP female inlet	95°C	367 psi / 25 bar	75 ltr/min
XGNSS1	c/w 1/2" SS tailpiece	95°C	367 psi / 25 bar	75 ltr/min
XGNSS2	c/w 3/4" SS tailpiece	95°C	367 psi / 25 bar	75 ltr/min
GNSS stainless steel water guns (red)				
XGNSSR	1/2" BSP female inlet	95°C	367 psi / 25 bar	75 ltr/min
XGNSSR1	c/w 1/2" SS tailpiece	95°C	367 psi / 25 bar	75 ltr/min
XGNSSR2	c/w 3/4" SS tailpiece	95°C	367 psi / 25 bar	75 ltr/min

Part number	Description	Thread	Material
Water gun adaptors			
AGN1A	1/2" male taper x 1/2" tail piece	BSP	Brass
AGN1ASS	1/2" male taper x 1/2" tail piece	BSP	Stainless steel
AGN2A	1/2" male taper x 3/4" tail piece	BSP	Brass
AGN2ASS	1/2" male taper x 3/4" tail piece	BSP	Stainless steel
AGM1A	3/4" male taper x 1/2" tail piece	BSP	Brass
AGM2A	3/4" male taper x 3/4" tail piece	BSP	Brass
AGN4SWT	1/2" male taper x 1/2" swivel tail piece	BSP	Brass

Heavy Duty, Food Quality, Light Weight Wash Down Gun

For all cleaning and wash down applications in the food and beverage industry. The light weight makes the gun more comfortable to use over long periods.

FEATURES:

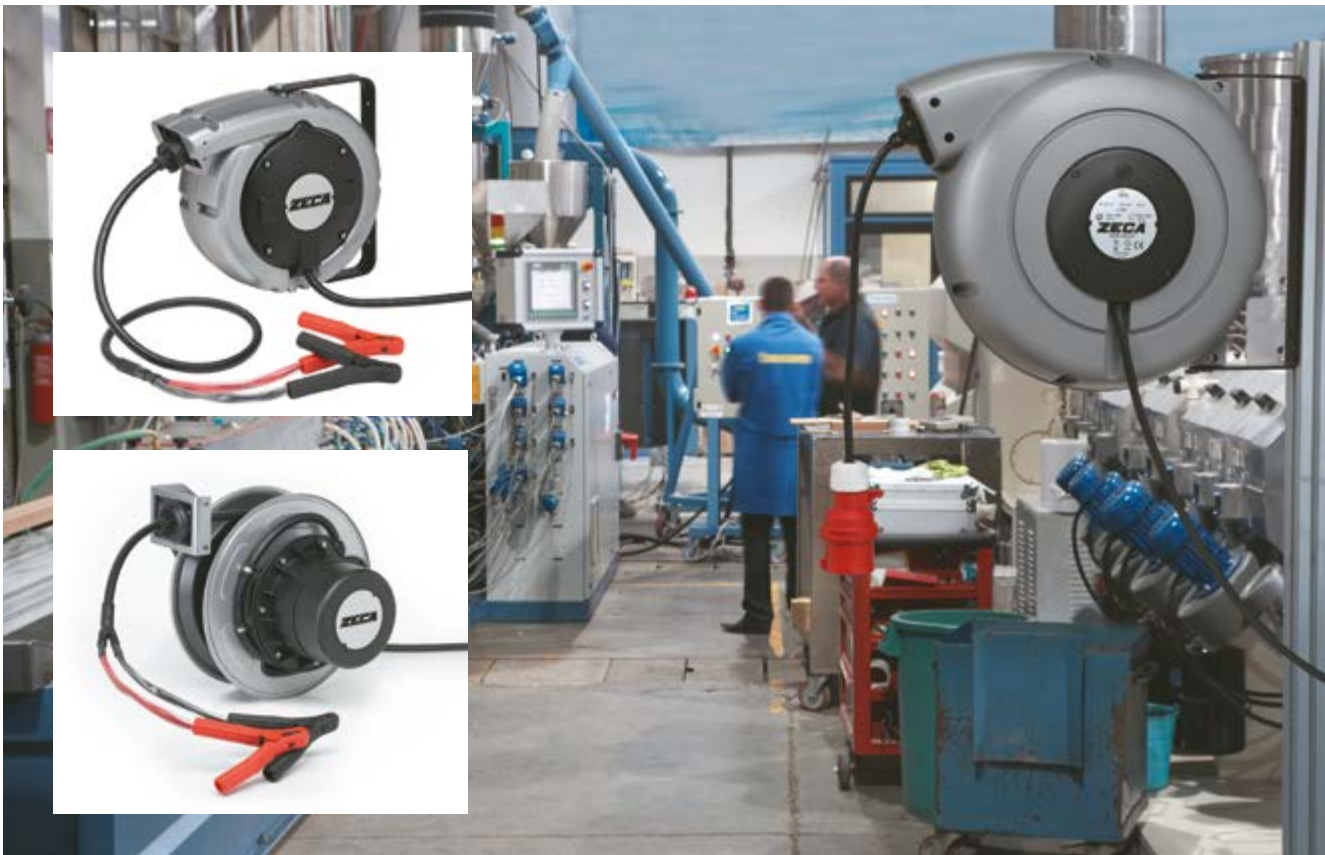
- Light weight body manufactured from PA6 (Nylon 6)
- Glass reinforced - FDA compliant
- EPDM rubber covers with EPDM/Viton seals - FDA compliant
- Adjustable spray pattern
- Stainless steel shaft, spring and trigger
- 1/2" BSP Female inlet
- Max 12 bar, 50 deg C
- Weight 480 gms

For up to date information and prices please visit - www.redashe.com



Zeca Cable Reels

Redashe in partnership with Zeca can offer an extensive range of industrial cable reels, which are manufactured to the highest standards making them extremely reliable for even the most testing environments.



Koreel Bespoke Super Industrial Hose and Cable Reels

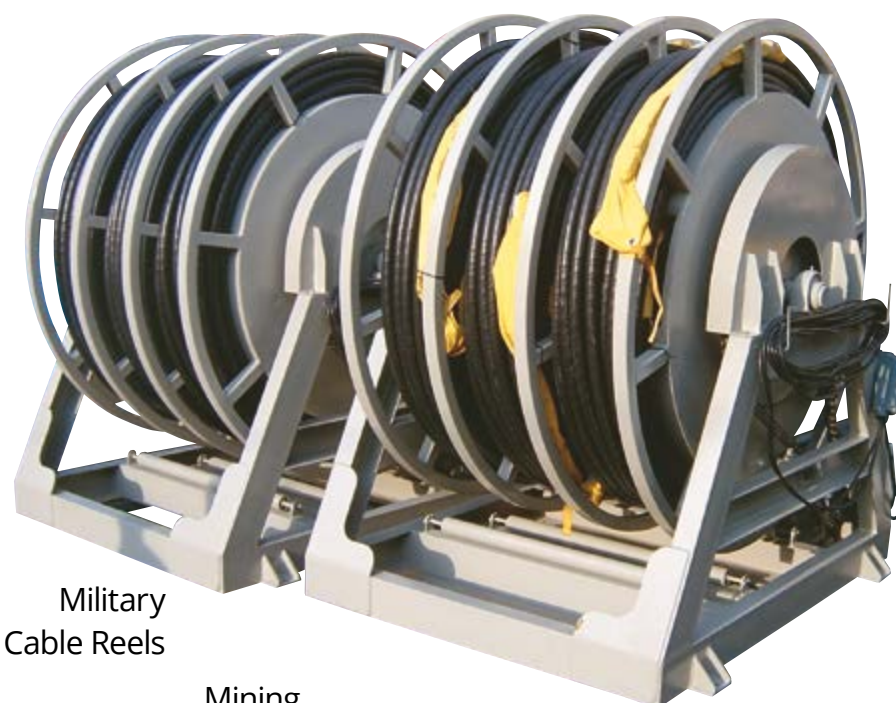
Redashe in partnership with Koreel one of the worlds finest hose and cable reel manufacturers offer bespoke, excellently designed hose and cable reeling solutions for specialist industries, such as offshore, marine, heavy industrial manufacturing, mining, specialist vehicles, cranes, deep sea submersibles. Koreel was awarded the Kotra seal of excellence in 2010 for its products, which have been deemed to meet the strict criteria in innovation and technological achievement, quality and reliability.

Many applications for all types of Industries:

- For transferring crude oil, sea water, fresh water
- For exploring, signal, power cable reel
- For transferring LNG, LPG gas vessel
- Reeling cable for submersibles

KOREEL

Military
Cable Reels



Specialist Vehicles



Mining



Ocean Plant Water Transfer



Cable Reels for Harbour Cranes and Container Transporters



We provide bespoke solutions for the design and manufacture of individual hose and cable reel products. Some of the applications which have involved special product development include: Offshore rigs, marine, heavy industrial, manufacturing, mining, specialist vehicles, cranes. Using the highest quality materials and components, products are built to the most stringent standards, with long life expectancy.

Please contact us with your specific requirements for special purpose and custom-built products.

LUBRICATION



- P68-78 Manual Greasing Equipment
- P79-88 Air Operated Greasing Equipment
- P89-97 Greasing Equipment Accessories
- P98 Grease Nipples
- P99 Bearing Lubricators
- P100-108 Air Operated Oil Transfer Equipment
- P109 Diaphragm Pumps
- P110 Pneumatic Oil Pump Kits
- P111-113 Oil Dispensing Kits
- P114 Mobile Oil Dispensers / Pressure Sprayer
- P115 Oil Drum Bunds
- P116-120 Oil Control Guns
- P121-126 Oil Dispensing Accessories
- P127-128 Manual Oil Transfer Equipment
- P129 Battery Operated Oil Pump
- P130 Oil Suction Guns
- P131-135 Manual Fuel Handling Equipment
- P136-139 Electric Fuel Handling Equipment
- P140-142 Fuel Handling Nozzles and Accessories
- P143-146 Flowmeters
- P147-150 AdBlue Equipment
- P151 Coolant/Liquid Mixers
- P152-153 Air Filters and Regulators / Filter Regulators and Lubricators
- P154 Blow Guns

K40 / K45 Levergun



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K40 400GMS (cartridge or bulk fill)

K45 450GMS (cartridge or bulk fill)

A high quality lever grease gun from Macnaught for professionals. This Levergun is engineered for high pressure greasing providing up to 82,750kPa / 12,000psi / 827bar. The Levergun can be filled by one of three ways: cartridge, bulk or J3 grease pump.

FEATURES:

- Rigid outlet with Supergrip KY coupler
- Filling options: Bulk, cartridge or J3 grease pump
- Delivers up to 82,750kPa / 12,000psi / 827bar grease pressure
- Delivers 1.5gms per shot
- Filler/bleeder nipple 1/8" BSP (M)
- Fully repairable
- Suitable for use with greases up to NLGI No. 2



K29 / K32 Flexigun

K29 450GMS (cartridge or bulk fill)

K32 400GMS (cartridge or bulk fill)

A unique single hand operated grease gun of superior quality for professionals.

The short stroke operation delivers 68,900 kPa / 10,000 PSI / 690 bar whilst the flexible extension allows you to access nipples that are normally hard to reach. The Flexigun can be filled by one of three ways: cartridge, bulk or J3 grease pump. Zinc versions of the Flexigun the K29-Z (450gms) and K32-Z (400gms) are available for use in underground mines. This version has the same high performance levels as the Flexigun.

FEATURES:

- Short stroke operation, easily delivers up to 68,900 kPa / 10,000 PSI / 690 bar
- Easy one hand operation
- Flexible outlet with Supergrip KY coupler
- Filling options: bulk, cartridge or J3 grease pump
- Delivers 0.68gm per shot
- Filler/bleeder nipple 1/4" BSP (M)
- Fully repairable
- Suitable for use with greases up to NLGI No. 2



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FGK1 Flexigun Greasing Kit

Supplied in a convenient outer carry case to protect your Flexigun and accessories and keep them free from dust, dirt and damage. The case includes snap-lock moulded fittings, designed to hold all parts firmly in the case and prevent loss of equipment.

FEATURES:

- K32 Flexigun and KY coupler
- KZDXL straight needlepoint coupler
- KDR right-angle coupler
- KD62 rigid extension
- KN injection needle

For up to date information and prices please visit -
www.redashe.com

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Not supplied with grease cartridge as illustrated

ZG1 Heavy Duty Lever Grease Gun

Heavy-duty lever grease gun for punishing every day use. Generates 10,000 PSI (690 BAR) pressure that can help to clear blocked or damaged grease nipples.

FEATURES:

- Develops 10,000 PSI / 690 bar
- Variable stroke feature built in for use in confined areas
- Refillable options: 400g cartridge, bulk or manual fill
- Heavy-duty grease gun head incorporates a bulk loader and an air bleeder valve
- Unique lock lever mechanism allows user to easily lock plunger rod in any position
- 1 gm / stroke
- Complete with 6" (150mm) steel extension and professional 4-jaw coupler



ZLGG Lever Grease Gun

General purpose side lever grease gun with a drop resistant steel head construction. Accepts standard 400g cartridge, but can also be bulk or suction filled. Supplied with rigid extension tube and push-on 4-jaw hydraulic coupler.

FEATURES:

- Delivers up to 6,000PSI / 413 bar grease pressure
- Complete with 6"(150mm) steel extension and 4-jaw coupler
- Air release through loader fitting
- Two hand operation with soft rubber grip on lever handle for comfortable operation
- Durable powder coated finish



For up to date information and prices please visit - www.redashe.com

ZG55 Premium Pistol Grip Grease Gun



Ergonomic one hand operated grease gun with unique variable stroke mechanism for both high volume and high-pressure applications. High volume for faster greasing and high pressure for use in cold weather conditions.

FEATURES:

- Develops 7,000 PSI / 480 bar
- Simple adjustment lever to switch between high pressure and high volume setting
- Refillable options: 400g cartridge, bulk or manual fill
- Handles NLGI 1, 2 and 3 grease
- Complete with 12" (300mm) flexible extension and professional 4-jaw coupler
- Up to 0.84 gms / stroke

For up to date information and prices please visit - www.redashe.com



ZG77 Dual Pistol / Lever Handle Grease Gun

The ZG77 Dual grease gun offers the convenience of a pistol grip with the power of a lever grease gun. Lever style will generate up to 7,000psi whereas the pistol style will generate up to 4,500psi.

FEATURES:

- 2 way operating telescopic handle
- Pistol type: Ideal for use in confined spaces
- Lever type: For high pressure and high volume application
- Integrated high volume / high pressure adjustable mechanism
- Aluminium die cast head fitted with bulk loader and air bleeder valve
- Non-slip comfortable vinyl grip handle
- Filling options: 400gm (14 oz.) grease cartridge, bulk, suction or filler pump
- Suitable for use with NLGI 1, 2 and 3 grease



ZLGGC Lever Grease Gun 'Clear Vision'

Heavy-duty lever grease gun fitted with the unique 'Clear Vision' transparent barrel for punishing every day use. Generates 10,000 PSI (690 bar) pressure that can help to clear blocked or damaged grease nipples.

- FEATURES:**
- Tough and impact resistant polycarbonate barrel with die cast aluminium fittings
 - Develops 10,000 PSI / 690 bar
 - Variable stroke feature built in for use in confined areas
 - Heavy-duty grease gun head incorporates a bulk loader and an air bleeder valve
 - Refillable options: 400g cartridge, bulk or manual fill
 - Unique lock lever mechanism allows user to easily lock plunger rod in any position
 - 1 gm / stroke
 - Complete with 6" (150mm) steel extension and professional 4-jaw coupler

ADVISORY NOTE

Ester based synthetic grease and fluids have an adverse effect on the clear polycarbonate tubes. The Ester based grease can cause fogging, cracking and fracturing of the tube. Products known to cause these issues are listed below and should not be used.

- AEROSHELL 33 GREASE
- AEROSHELL 7 GREASE
- SKYDROL PRODUCTS
- BRAKE FLUIDS



'Clear Vision' Range

The 'Clear Vision' range is a unique system that gives you 100% confidence of dispensing the correct grease; ensuring you don't make costly mistakes that cannot be reversed. This is achieved by fitting your new grease gun with a transparent barrel made from a high-grade polycarbonate, that is stronger and tougher than steel. The tubes are drop and impact resistant and UV stabilized for working in practically any kind of weather condition.

ZPGGC Pistol Grip Grease Gun 'Clear Vision'

Single hand operated grease gun fitted with the unique 'Clear Vision' transparent barrel. This gun is designed for use in confined spaces or where access to the grease nipple is limited.

- FEATURES:**
- Tough and impact resistant polycarbonate barrel with die cast aluminium fittings
 - Complete with 12" (300mm) flexible, 4" rigid steel extension and professional 4-jaw coupler
 - Develops 5,000 PSI / 345 bar
 - Delivers up to 0.50 gms / stroke
 - Refillable options: 400g cartridge or manual fill



ADVISORY NOTE

Ester based synthetic grease and fluids have an adverse effect on the clear polycarbonate tubes. The Ester based grease can cause fogging, cracking and fracturing of the tube. Products known to cause these issues are listed below and should not be used.

- AEROSHELL 33 GREASE
- AEROSHELL 7 GREASE
- SKYDROL PRODUCTS
- BRAKE FLUIDS

ZG49RB Groz Spin-on Lever Grease Gun

The Groz ZG49RB grease gun has been designed to work with 400gm spin-on type grease cartridges. There have been advances to the vacuum technology style grease gun, making the grease gun a heavy duty alternative to others currently on the market.

- FEATURES:**
- Designed to work with 400gm spin-on grease cartridge
 - Vacuum technology ensures full utilization of grease in the cartridge
 - No air bleeding required
 - Robust high tolerance aluminium die cast head
 - Minimal wearing parts for longer life
 - Non slip textured powder coated finish
 - Professional 4 jaw coupler with ball check valve

TECHNICAL DATA	
Grease pressure	Up to 690 bar (10,000psi)
Delivery per stroke	Up to 0.9gms



ZG49PRB Groz Spin-on Pistol Grip Grease Gun

Pistol grip grease gun spin-on cartridge with a flexible extension and 4 jaw coupler.

- FEATURES:**
- Designed to work with 400g spin-on grease cartridge
 - No air bleeding required
 - Minimal wearing parts for longer life
 - Non slip textured powder coated finish for extended service life, which out last zinc plated grease guns

TECHNICAL DATA	
Grease pressure	5,000psi / 345 bar
Delivery per stroke	Up to 0.5gms
Flexible extension hose	300mm (12")



ZG16 Mini Pistol Grip Grease Gun

Mini pistol grip grease gun with convenient pull type operating mechanism.

- FEATURES:**
- Single hand operation
 - Capacity: 3oz (85gms) grease cartridge or 120cc bulk fill
 - Delivers 0.40gm/stroke
 - Maximum pressure 3500psi / 240 bar



ZG83FHPB Groz Double Lever Grease Gun

Double lever grease gun for quick and effortless high pressure greasing applications. Suitable for some screw in grease cartridges.

- FEATURES:**
- Develops 7,500psi / 517 bar
 - Delivers up to 0.8gm / stroke
 - Protective cap for hose storage for when not in use, prevents contamination at the hose end
 - Minimal wearing parts for longer life
 - Comes complete with 12" high pressure flexible hose with a 4 jaw coupler
 - Optional Extra: ZADPHDG83MTO Lubeshuttle to Fuchs adapter



ZADPHDG83MTO Lubeshuttle to Fuchs adapter

ZSGGR400T Quick Grease Filler Gun

Filler gun for quick filling high viscosity grease in cylinders of central lubrication systems.

- FEATURES:**
- Simple method of filling grease reservoirs
 - Reduces the chances of cross contamination
 - Suitable for use with 400g grease cartridges or bulk grease
 - Barrel manufactured from high quality zinc plated steel
 - Barrel length: 370mm
 - Barrel diameter: 56mm



For up to date information and prices please visit - www.redashe.com

K7 Mini-Lube

K7 (3kg) / K7024 (Inc .2.5kg container)
K7067 (Inc. 5kg Container)

The K7 MINI-LUBE is a portable manual greasing system designed to fit grease pails* from 2.5kg (5lb) to 5kg (11lb) and includes a unique KR grease gun that delivers grease at either high volume or high pressure up to 69,000kPa/10,000 PSI/690 bar. When on the high pressure setting blocked grease nipples can be easily cleared. The fully sealed system ensures that your grease is kept free from contamination that destroys bearings and causes expensive down time.

To operate the K7 MINI-LUBE, press the foot plunger. This will prime the pump and provide you with 30 shots of grease through the KR grease gun. The rubber edged follower ensures you use all the grease in the container.

- FEATURES:**
- Two speed KR grease gun delivers up to 69,000kPa/10,000psi/690 bar
 - Spring loaded pump provides 30 shots of grease
 - 1.5m (5ft) delivery hose
 - 360° swivel prevents the hose from kinking
 - Rubber edged follower provides wipe down of container walls
 - Fully sealed system keeps grease clean
 - Delivers approx 1.25gms on high volume switch
 - Delivers approx 0.45gm on high pressure switch
 - Suitable for use with greases up to NLGI No. 2 (fits 3kg tin)



The Mini-Lube is also available with a refillable container. Models K7024 2.5kg (5lb) and K7067 5kg (11lb).



* Note: Custom-made models available for non-UK spec grease pails. UK standard size is 3kg.

ZGS Portable Manual Greasing System

Pump is operated by foot press of the spring loaded system. The hose gets charged with grease, which can then be dispensed through the Super Gun fitted at the end of the hose. A single charge provides 30 shots of grease. Aluminium die cast super gun develops greasing pressure and has high pressure and high volume settings, actuated through a simple switch. High pressure setting dispenses 0.45 gm of grease in each shot up to 10,000 PSI. High volume setting dispenses 1.25 gms per shot. Pump comes complete with drum cover, rubber lined follower plate, premium 1/2" ID high pressure hose, Super Gun fitted with steel extension and coupler, includes 11 lb (5 kg) plastic grease bucket. Supplied with a 1.5m long hose.

- FEATURES:**
- Wetted components: aluminum, steel, brass, polyurethane and Nitrile rubber
 - For grease up to and including NLGI No. 2



Part number	Bucket capacity	Pump length below drum cover	Drum cover diameter	Follower plate dimensions		Hose length
				O.D. steel end	O.D. plate	
ZGS	5 kg / 11 lb	7 3/4" (197 mm)	8 1/2" (216 mm)	6 3/4" (171 mm)	8 1/8" (206 mm)	1.5 m

ZVGP15 Bucket Grease Pump

Volume grease pump designed for quick and effortless greasing in applications requiring large volumes of lubrication everyday. For use with agricultural equipment, excavators and other earth moving equipment and in automotive applications.

Variable handle setting can be set for high volume or high pressure grease discharge. Pump delivers up to 9gms of grease on high volume setting. Fully CNC machined to close tolerances the pump develops up to 4,000 PSI (275 BAR) on high pressure setting.

FEATURES:

- Supplied complete with 15kg grease container
- Recommended for use with NLGI 1, 2 and 3 greases
- Max grease level marked on the grease bucket
- 2m x 1/4" high pressure hose
- Air release valve for easily removing trapped air from grease
- Swivel connector allows easy maneuverability without the hose kinking



ZHPGP / ZGFPHP03PRO High Pressure Grease Pump

ZHPGP for 12.5kg kegs
ZGFPHP03PRO 18 to 20kg kegs

An easy and portable high-pressure hand operated grease pump. Provides high pressure greasing, where an air supply is not available.

FEATURES:

- Develops 3,500 PSI / 240 bar
- Delivers 1.5 gms / stroke
- Comes complete with lift handle, drum cover, follower plate, 48" (1220mm) grease hose fitted with professional 4-jaw coupler
- Suitable for grease up to NLGI 2



For up to date information and prices please visit - www.redashe.com

K4 Super-Lube Manual Grease Pump

The K4 Super-lube is a manual greasing system designed to fit grease pails from 12.5kg (28lb) to 22kg (48lb) and includes a unique KR grease gun that delivers grease at either high volume or high pressure up to 69,000kPa/10,000 PSI/690 bar. When on the high pressure setting blocked grease nipples can be easily cleared.

The fully sealed system ensures that your grease is kept free from contamination that destroys bearings and causes expensive down time. The rubber edged follower wipes the grease off the wall of your grease container.

To operate the K4 Super-Lube press the plunger. This will prime the pump and provide you with 60 shots of grease through the KR grease gun.

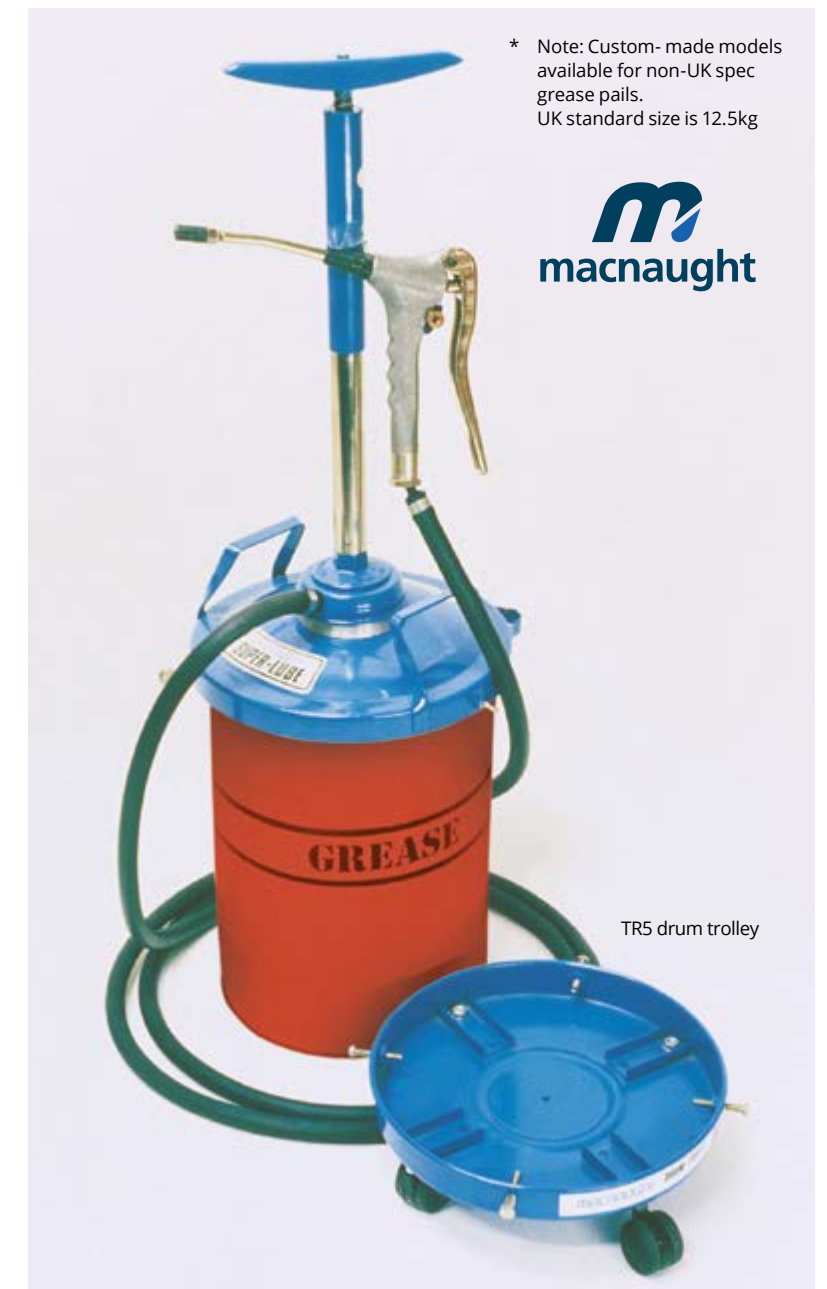
The K4 Super-Lube is a very economical way of achieving a bulk greasing system which can be made portable with the optional TR5 drum trolley.

FEATURES:

- Delivers approx. 1.25gms on high volume switch
- Delivers approx. 0.45gms on high pressure switch
- Suitable for use with greases up to NLGI No. 2
- Optional trolley - TR5, provides portability



* Note: Custom-made models available for non-UK spec grease pails.
UK standard size is 12.5kg



TR5 drum trolley

J3 Grease Transfer Pump

For fast and easy loading of grease guns and the Mini-Lube refillable container KT5. The J3 grease pump enables you to buy grease more economically whilst the fully sealed system keeps out any contaminants.

FEATURES:

- Transfer grease pump fills K29, K32, K40, K45, K53, KT5 and KT6 (for the K7 Mini-Lube)
- Fully sealed system keeps grease clean
- Rubber edged follower provides wipe down of container walls
- Models available to suit 12.5kg (28lb) to 22kg (48lb) containers
- Delivers 54gms per stroke
- Redashe list the standard UK model suitable for use with 12.5kg grease kegs
- Model J3B supplied with 1.5 m (5 ft) x 12 mm (1/2") ID delivery hose and 6 mm (1/4") BSP male thread instead of the filler tube and nozzle



J3B BUCKET PUMP

All purpose bucket pump designed for lubricating track-roller bearings or for fast fill applications.



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ZGFP02 / ZGFP04PROUNI Grease Filler Pump

ZGFP02 For 12.5KG Keg
ZGFP04PROUNI For 50KG Kegs

Grease filler pump for bulk filling or transferring to grease guns from grease kegs.

FEATURES:

- Kit includes zinc plated pump with zinc die cast pump head and cast aluminium adjusting flange, drum cover, follower plate and female loading fitting
- Choice of male or female loading adaptors
- For grease up to NLGI 2
- Delivers 28gms (1 oz) per stroke
- Maximum delivery pressure 20psi

GROZ



For up to date information and prices
please visit - www.redashe.com

tel: +44 (0)1252 785010 email: info@redashe.com www.redashe.com

P3 Power-Lube Air Operated Grease Pump Kit

The Macnaught P3 Power-Lube is the ultimate economical, high pressure air powered greasing system.

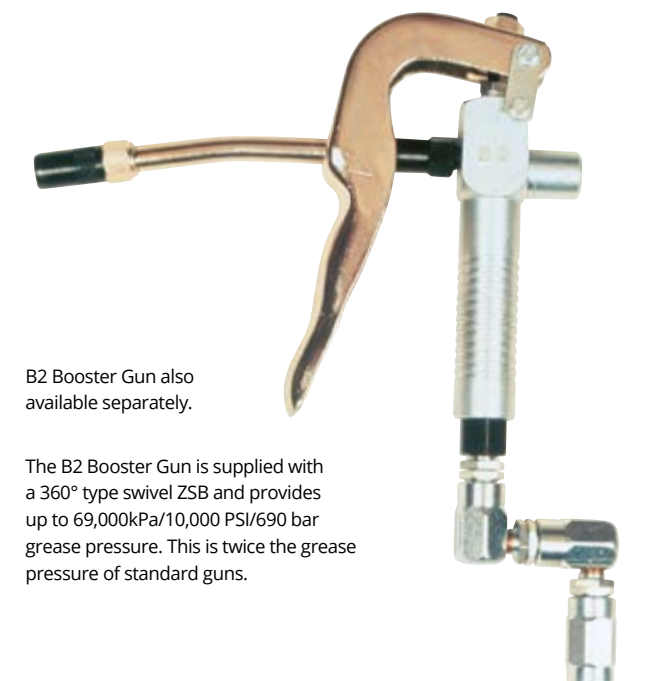
With models to suit grease containers from 12.5kg (28lb) to 22kg (48lb) the P3 Power-Lube can operate off any small compressor from 3cfm/.08m³.

At the recommended air pressure of 690kPa/100 PSI/7 bar the 50:1 ratio air motor provides fast and continuous greasing at 34,500kPa/5,000 PSI/345 bar

The grease pressure can be boosted to 69,000kPa/10,000 PSI/690 bar simply by squeezing the B2 Booster Gun trigger several times.

FEATURES:

- Up to 69,000kPa/10,000 PSI/690 bar greasing pressure through B2 Booster Gun
- Non-corroding air motor – quiet operation
- Air pressure range 400-850kPa/60-125 PSI/4-9 bar
- Rubber edged follower plate provides wipe down of container walls
- Extra long delivery hose – 4m (13ft) x 6mm (1/4") I.D SAE 100 R2, 1/4" NPT (M)
- 360° high pressure "Z" type ZSB swivel, 1/4" NPT (F), 1/8" NPT (M)
- Handles greases from NLGI 000 to NLGI 2
- Requires air compressor volume 3cfm/.08m³ and above
- Delivers 460gms of NLGI No 2 grease per minute
- Swivel type air inlet 1/4" NPT (F)
- Optional TR5 trolley for a portable system
- Redashe stock the standard UK model suitable for use with 12.5kg grease kegs



B2 Booster Gun also available separately.

The B2 Booster Gun is supplied with a 360° type swivel ZSB and provides up to 69,000kPa/10,000 PSI/690 bar grease pressure. This is twice the grease pressure of standard guns.

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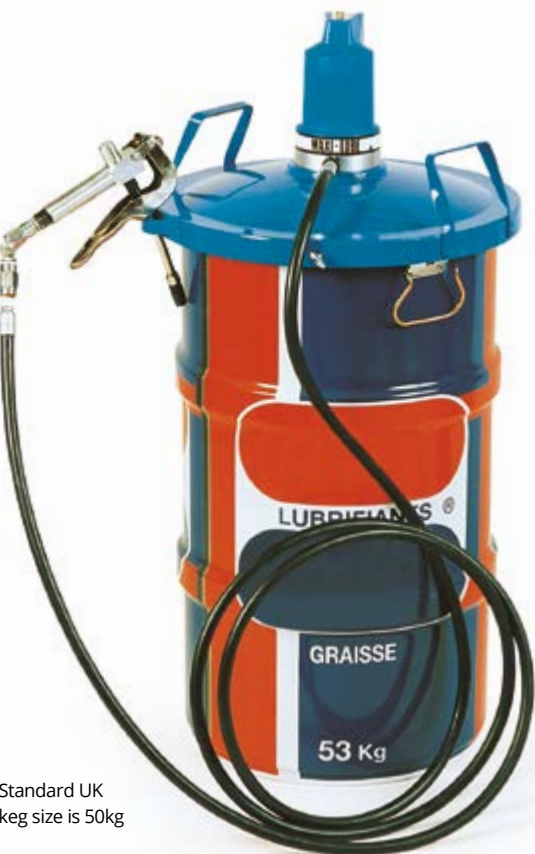
Unit 8, The Brook Trading Estate, Deadbrook Lane, Aldershot, Hampshire GU12 4XB

P6 Maxi-Lube Air Operated Grease Pump Kit

The P6 Maxi-Lube is a larger version of the P3 Power-lube. Designed to fit grease containers from 50kg (110lb) to 55kg (120lb), the P6 Maxi-Lube offers all the same excellent features as the P3 (refer to previous page).

- FEATURES:**
- Up to 69,000kPa/10,000 PSI/690 bar greasing pressure through B2 Booster Gun
 - Non-corroding air motor – quiet operation
 - Air pressure range 400-850kPa/60-125 PSI/4-9 bar
 - Rubber edged follower plate provides wipe down of container walls
 - Extra long delivery hose – 4m (13ft) to 6mm (1/4") I.D SAE 100 R2, 1/4" NPT (M)
 - 360° high pressure "Z" type ZSB swivel, 1/4" NPT (F), 1/8" BSP (M)
 - Handles greases from NLGI 000 to NLGI 2
 - Requires air compressor volume 3cfm/.08m³ and above
 - Delivers 460gms of NLGI No 2 grease per minute
 - Swivel type air inlet 1/4" NPT (F)
 - Optional TR6 Trolley for a portable system

For up to date information and prices please visit - www.redashe.com



Standard UK keg size is 50kg

P8 Maxi-Lube Air Operated Grease Pump Kit

The P8 Maxi-Lube is a 50:1 ratio grease pump designed to fit 180kg (400lb) grease drums. The P8 Maxi-Lube offers all the excellent features of the P3 Power-Lube and the P6 Maxi-Lube.

Kit supplied complete with pump unit, lid, follower plate, suction tube, B2 booster gun, Z swivel and 2.5m feeder hose

- FEATURES:**
- Up to 69,000kPa/10,000 PSI/690 bar greasing pressure through B2 Booster Gun
 - Non-corroding air motor - quiet operation
 - Air pressure range 60-125 PSI/400-850kPa/4-9 bar
 - Unique follower plate (incorporates release valve and removal system)
 - Suitable for 180kg (400lb) drums or bulk grease systems
 - Handles up to NLGI No 2 greases
 - Requires air compressor volume 3cfm/.08m³ and above
 - Delivers 460gms of NLGI No 2 grease per minute
 - Swivel type air inlet 1/4" NPT (F)
 - Grease pump outlet 1/4" NPT (F)



Air Operated Grease Pump Kit 50:1

- ZGPK125 For 12.5KG Keg
- ZGPK50 For 50KG Keg
- ZGPK180 For 180KG Keg

There are three grease pump kits available, the ZGPK125 suitable for use with standard UK size 12.5kg kegs, ZGPK50 with standard UK size 50kg kegs and ZGPK180 with standard 180kg kegs. All three kits dispense grease at pressures up to 50 times the air inlet pressure. They offer guaranteed performance; hassle free operation and the kits include pump, lid, follower plate, hose, 'Z' swivel and grease delivery gun. Additional drum trolleys are available as an optional extra.



TECHNICAL DATA	
Working air pressure	2 - 10 bar (30 to 150 PSI)
Maximum air pressure	10 bar (150 PSI)
Maximum outlet pressure	500 bar (7500 PSI)
Air inlet connection	1/4" BSP (F)
Pump outlet connection	1/4" BSP (F)
Air consumption	230 ltr / min (61 gpm)
Grease output (NLGI No.2)	1.10 kg / min (2.42 lbs / min)
Noise level	81 db

- FEATURES:**
- Kit supplied complete with pump, lid, follower plate, hose, 'Z' swivel and grease delivery gun
 - Suitable for grease from NLGI 000 to NLGI 2
 - Optional trolley available



Pump must be supplied with clean, dry & lubricated air, via an FRL unit - See page 153

50:1 Air-Operated Grease Pump Kits

J1700512 - for 12.5kg kegs
J1700513 - for 18kg kegs
J1700524 - for 50kg kegs

There are three grease pump kits available, the J1700512 suitable for use with standard UK size 12.5kg kegs, the J1700513 suitable for use with 18kg kegs, and the J1700524, which is suitable for use with standard UK size 50kg kegs. All of these robust, efficient, trouble free units are supplied complete with pump, lid, follower plate, 4mtr of hose 'z' swivel, and grease delivery gun. A wheel-mounted trolley is available as an optional extra, part No J1708001.

- FEATURES:**
- Precision machined to ensure stability and long life
 - Supplied complete with: - 4 mtrs hose; booster gun; 'z' swivel; lid; fol-
lower plate and pump
 - 360 deg 'z' swivel for easy access
 - Optional trolley available part no J1708001
 - Grease output 800g per minute
 - Grease suitable for NLGI00 to NLGI2



Optional trolley

TECHNICAL DATA	
Ratio	50:1
Working pressure	5 – 8 bar
Air Consumption ltr./min.	120 ltr./min.
Grease output	800g per minute
Air inlet connection	1/4" NPT quick plug
Grease outlet	1/4" male

All components are available
separatley, see page 85 & 86

Lubeworks Heavy Duty Grease Pump Kit 50:1

J17125050KIT – for 50kg kegs / J17125060KIT – for 180kg kegs

There are two grease pump kits available in the heavy duty grease pump range. The J17125050KIT is suitable for use with standard UK size 50kg kegs and the J17125060KIT is suitable for use with standard UK size 180kg kegs. They are designed for use in harsh environments, where high volumes of grease are required over long distances. The kits includes pump, lid, follower plate, 4 metre hose, 'z' swivel and grease booster gun.

- FEATURES:**
- Ideal for transfer of grease in high volume and long distance
 - Double acting pump provides continuous flow operation
 - Rugged design to withstand demanding environments
 - Components can be purchased separately
 - Pump service kits are available

Grease Pumps Accessories

Individual accessories for heavy duty grease pumps.

	J17125050	J17125060
Drum application	50 kgs	180kgs
Pressure ratio	50:1	50:1
Air inlet pressure	5-12 bar / 70-180 psi	5-12 bar / 70-180 psi
Max. free flow rate (min)	1.8 kgs / 4 lbs	1.8 kgs / 4 lbs
Suction tube diameter	32mm / 1.25"	32mm / 1.25"
Suction tube length	740mm / 19"	940mm / 37"

Drum cover	Diameter	Follower plate	Diameter	Drum application
J19338502	385 mm	J19437002	370 mm	50 kg
J19360002	600 mm	J19458502	585 mm	180 kg

J17622131	4m grease feeder hose
J171250KIT	Heavy duty grease pump air motor service kit



GS200 Portable Grease Dispensing Unit

The GS200 grease system is totally portable. To begin dispensing, the airline is simply connected to the grease pump. The GS200 is complete with (J1708003) trolley, P8-11 grease pump and C808-150H grease reel.

FEATURES:

- Suitable for 180kg (400lbs) drums
- P8 (50:1 Ratio) grease pump
- J1708003 drum trolley (wheel brake included)
- Lid
- Unique follower plate (incorporates release valve and removal system)
- B2 booster gun (boosts grease pressures to 69,000kPa/10,000 PSI /690 bar)
- C808-150H grease reel - Hose: 6mm (1/4") I.D. x 15m (50ft)



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Solution for Lubricating Equipment

JGS200 Portable Grease Dispensing Unit

The JGS200 grease system is totally portable. To begin dispensing, the airline is simply connected to the grease pump. The JGS200 is complete with J1708003 trolley, J17125060KIT grease pump and C808-150H grease reel.

FEATURES:

- Suitable for 180kg (400lbs) drums
- J17125060 (50:1 ratio) heavy duty grease pump
- Max. free flow rate (min) 1.8kgs / 4lbs
- J1708003 drum trolley (wheel brake included)
- Drum cover
- Follower plate
- J1785701 booster gun (boosts grease pressures to 60,000kPa/8,700 PSI /600 bar)
- C808-150H grease reel - hose: 6mm (1/4") I.D. x 15m (50ft)

For up to date information and prices please visit - www.redashe.com

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For up to date information and prices please visit - www.redashe.com



Lubeworks Grease Pump Kit 50:1

J1701501 - for 12.5kg to 30kg kegs / J1701502 - for 50kg kegs

50:1 air operated grease pump ideal for dispensing grease under high pressure. Supplied as standard equipment with J1700512, J1700513 and J1700524 grease kits.

FEATURES:

- Precision machined to ensure stability and long life
- Compatible with most grease kegs in the market

	J1701501	J1701502
Drum application	12.5 - 30 kgs	50 kgs
Pressure ratio	50:1	50:1
Air inlet pressure	5-8 bar / 70-115 psi	5-8 bar / 70-115 psi
Max. free flow rate (min)	800 g / 1.76 lbs	800 g / 1.76 lbs
Suction tube diameter	30mm / 1.18"	30mm / 1.18"
Suction tube length	480mm / 19"	740mm / 29"

Grease Pump Accessories

The drum cover is used for keeping dust and impurities from contaminating the grease, whilst holding the pump in a vertical position. Whilst the follower plate helps compress the grease to prevent air pockets forming.

FEATURES:

- Compatible with most grease kegs in the market

Drum Cover	Diameter	Follower plate	Diameter	Drum application
J1709001	280 mm	J1709011	265 mm	12.5 - 17 kgs
J1709002	310 mm	J1709012	310 mm	18 - 22 kgs
J1709003	350 mm	J1709013	340 mm	20 - 30 kgs
J1709004	385 mm	J1709014	370 mm	50 kgs



Grease Feeder Hose

J1762213 / J1762226

High pressure 1/4" ID grease feeder hose with 1/4" male and female ends suitable for air operated greasing equipment.

FEATURES:

- SAE 100 R2, working pressure 345 bar / 5000 psi
- 1/4" BSP male and female fittings
- J1762213 - length 4 metres / 13 ft
- J1762226 - length 8 metres / 26 ft



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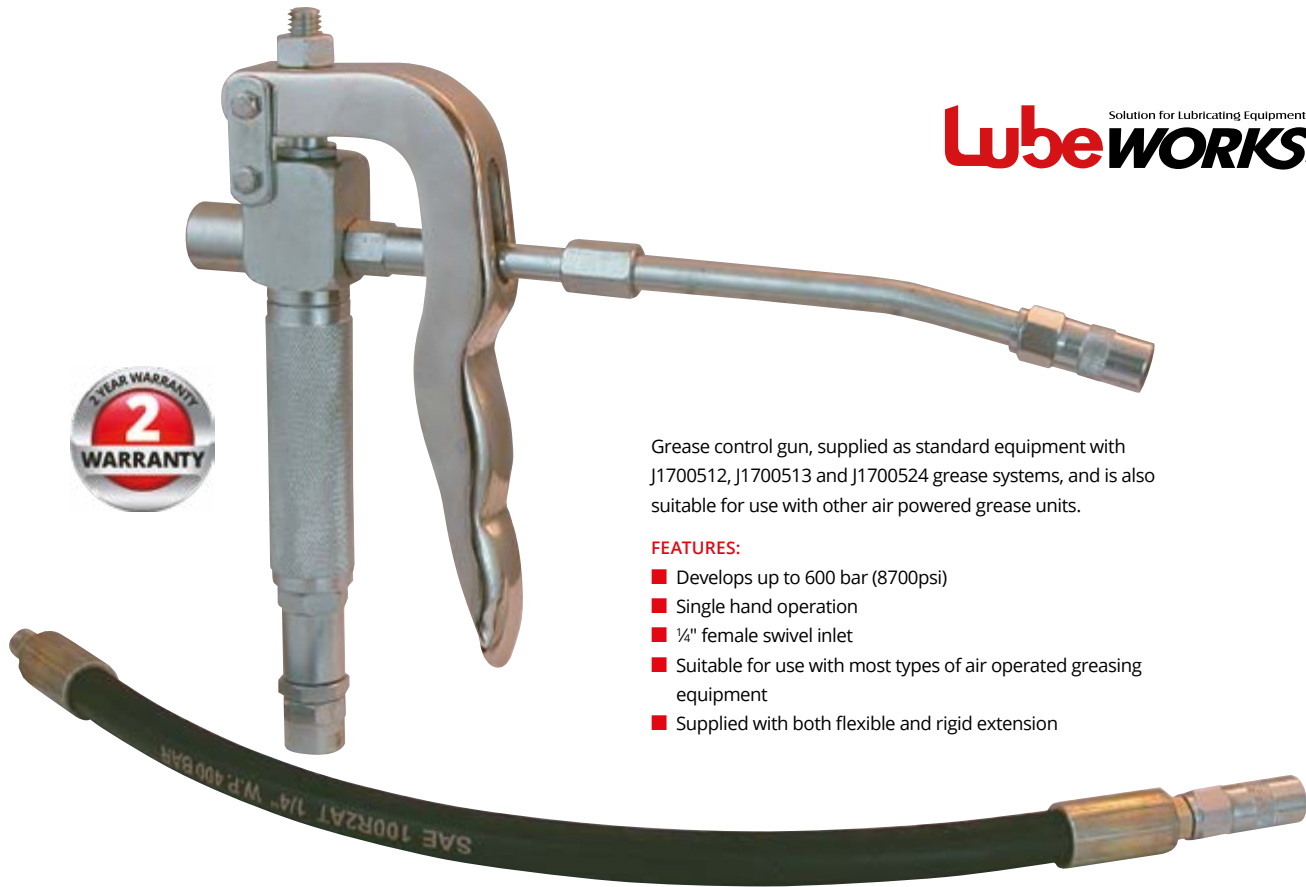
B2 Booster Gun

The B2 Booster Gun is supplied with a 360° type swivel ZSB and provides up to 69,000kPa/10,000 PSI/690 bar grease pressure. This is twice the grease pressure of standard guns.

- FEATURES:**
- Boosts grease pressure up to 69,000kPa/10,000 PSI/690 bar
 - Rigid outlet
 - Grease inlet 1/4" NPT (F). Note: 1/8" NPT adaptor also supplied
 - 360° ZSB swivel included
 - Supplied as standard with P3, P6 and P8



J1785701 Grease Control Gun



Grease control gun, supplied as standard equipment with J1700512, J1700513 and J1700524 grease systems, and is also suitable for use with other air powered grease units.

- FEATURES:**
- Develops up to 600 bar (8700psi)
 - Single hand operation
 - 1/4" female swivel inlet
 - Suitable for use with most types of air operated greasing equipment
 - Supplied with both flexible and rigid extension



ZBG Grease Control Valve Booster

Heavy-duty grease control valve with built-in pressure boost mechanism. Pressure boost achieved through repeated actuation of the pistol trigger. Boosts line pressure from 6,000psi (400 bar) to 10,000psi (690 bar).

- FEATURES:**
- Maximum outlet pressure 690 bar (10,000psi)
 - Heavy-duty steel construction provides durability and longevity
 - Comes complete with 6" steel extension and professional 4-jaw coupler
 - Inlet thread 1/4" BSPT (F)

For up to date information and prices please visit - www.redashe.com



ZBGZ Grease Control Valve + Z Swivel

Grease control valve and Z swivel supplied as standard equipment with ZGPK125, ZGPK50 and ZGPK180 grease kits. Also suitable for use with other air powered grease units.

- FEATURES:**
- Maximum outlet pressure 500bar (7500psi)
 - Provides continuous grease flow, with trigger fully pressed
 - Steel construction, provides durability and longevity
 - Comes complete with 360-degree z swivel, 6" steel extension and professional 4-jaw coupler
 - Inlet thread 1/4" BSPT (F)



ZDGM1 Digital In-line Grease Meter

Digital in-line meter to measure the amount of dispensed grease. This will help prevent both over and under greasing of bearings and other similar applications. Can be used in conjunction with air operated grease pumps and control valves.

TECHNICAL DATA	
Control valve type	Continuous flow
Meter type	Digital oval gear
Grease flow	0.1 to 2.5kg / minute
Max. working pressure	8000 psi (550 bar)
Unit of measure	Kg
Accuracy	+ / - 3%
Resettable batch total	9,999 gms
Cumulative total	99999.9 kg
Thread specification	Inlet/outlet 1/8" BSPT



- FEATURES:**
- Built-In high accuracy digital grease meter for dispensing exact amounts of grease
 - Provides continuous grease flow
 - Oval gear mechanism
 - Steel construction provides durability and longevity



K53 Power-Pistol Air Operated Grease Gun

K53 Power-Pistol 450g (cartridge or bulk fill)

The Power-Pistol gives the convenience of portability and air operation. A single handed air operated grease gun that provides a shot of grease with each press of the trigger. The Power-Pistol is capable of operating from the air brake compressor of vehicles which makes it an ideal tool for truck and bus operators.

FEATURES:

- Delivers 34,500kPa/5,000psi/345bar grease pressure
- Filling options: bulk, cartridge or J3 grease pump
- Flexible outlet with Supergrip KY coupler
- One handed – single shot trigger operation
- 230mm (9") Flexible high pressure extension hose
- Air pressure range 275-825kPa/40-120psi/3-8bar
- Air compressor volume 1cfm/0.026m³/min
- Delivers 0.7g per shot
- Maximum viscosity: Up to NLGI 2
- 400g Conversion kit available at additional cost (KF300-1K)

macnaught



ZAGG Air Operated Grease Gun

Pistol grip air operated grease gun with continuous flow suitable for 400g cartridges, bulk or manual fill. Ideal for use in factory maintenance, agricultural applications, fleet service or for use on trucks when connected to the vehicles air brake compressor(s).

GROZ



For up to date information and prices please visit - www.redashe.com



FEATURES:

- Heavy-duty aluminium die cast head with internal bore precision honed for rapid action
- Refillable options: 400g cartridge, bulk or manual fill
- Head casting fitted with bulk loader valve
- Continuous grease discharge with the trigger pressed (400gm/min 14oz/min)
- Air Operating range 40 - 120psi (3-8bar)
- Pressure ratio 40:1
- Air inlet thread 1/8" BSPT
- Complete with 6" (150mm) steel extension and professional 4-jaw coupler
- Maximum Pressure 4800psi / 330bar

Macnaught Lubrication Accessories

Grease Couplers

GREASE COUPLERS

ACK2 Aviation Kit

Accessories typically required when lubricating aircraft. Items included are KDN, KDR, KDE8, KDF21, KY, KZDXL, KZHY, KZLNJ, KZLNS, KZLNR, KZLN45, KZSNR and J65. Photos and descriptions of these items are included in this section.



KY Supergrip 3 Jaw High Pressure Grease Coupler

Supergrip High Pressure Coupler (1/8" BSPF Inlet) supplied with Macnaught grease guns and pumps. Designed to fit most grease nipples and grease guns.



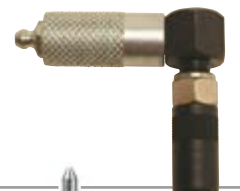
KY+ Grease Coupler

The KY+ grease coupler offers a quick and easy release mechanism up to 10,000psi, which reduces the risk of high pressure grease release with its simple snap on-and-off connection



KDR Right Angle Coupler

For use in spaces when the area above the nipple is limited and can also be used with a flexible extension.



KDN Right Angle Needle Point Coupler

Ideal where access to the grease nipple is minimal.



KSR Standard Button Head Coupler

For use on plant and machinery fitted with 5/8" buttonhead nipples.



KGR Giant Button Head Coupler

For use on plant and machinery fitted with 7/8" buttonhead nipples.



Macnaught Lubrication Accessories

Air Equipment / High Pressure / Manual Equipment

GREASE COUPLERS

KZD Needlenose Coupler

Used when nipples are recessed and standard couplers would meet with interference from surrounding components e.g. universal joints, etc.



KZDXL Straight Needlepoint Coupler

A 120mm (4 3/4") needlepoint coupler that is ideal for greasing the bearings on four wheel drive vehicles.



KZE Concave Nipple Coupler

Used when vehicles are fitted with special nipples or, in some cases, when normal nipples are damaged.



KZX Concave Nipple Coupler

A 20cm (8") rigid extension fitted with a concave press-on coupler.



KN Grease Injector Needle

Small needle used to inject sealed bearings and small lubrication points with grease when no grease nipples are present.



KZHY Hyperdermic Needlepoint Coupler

Ideal for use on bearings fitted with rubber dust covers.



KZLN45 Needlepoint Coupler 45°

A 30cm (12") straight needlepoint coupler with a 45° bend at the end. For use with aircraft.



KZLNJ Needlepoint Coupler J Bend

A 30cm (12") straight needlepoint coupler with a 'J' bend at the end. For use with aircraft.



KZLNR Needlepoint Coupler 90°

A 30cm (12") straight needlepoint coupler with a 90° bend at the end. For use with aircraft.



Macnaught Lubrication Accessories

Grease Couplers / Grease Extension Hoses / Air Equipment

GREASE COUPLERS

KZLNS Straight Needlepoint Coupler

A 30cm (12") straight needlepoint coupler for use with four wheel drive vehicles.



KZSNR 90° Needlepoint Coupler

A 11cm (4 1/4") needlepoint coupler with a 90° bend at the end.



ZSB Swivel

A 360° swivel. Supplied with B2 Booster Gun. Threads 1/8" NPT (M) x 1/4" NPT (F)



GREASE EXTENSION HOSES (FLEXIBLE/RIGID)

KDE8 Extension

A 220mm (5 5/8") push on rigid extension coupler with nipple to fit Supergrip KY coupler for use with grease guns.



KFR Rigid/Flexible Extension

A 33cm (13") extension with a sliding sleeve that allows for either flexible or rigid operation. Thread is 1/8" BSP (M) and fitted with Supergrip KY coupler.



AIR EQUIPMENT

PDF13 Push-on Extension

A 33cm (13") push-on flexible extension for air operated equipment. Ideal for working in confined spaces.



PDF21 Push-on Extension

A 53cm (21") push-on flexible extension for air operated equipment. Ideal for working in confined spaces.



Macnaught Lubrication Accessories

Air Equipment / High Pressure / Manual Equipment

AIR EQUIPMENT

PF6 Extension Hose

A 4m high pressure extension hose with 1/4" NPT (M) threads. Standard supply with the P3 POWER-LUBE and P6 MAXI-LUBE.



PF8 Feeder Hose

A 2.5m high pressure feeder hose supplied when P8 complete ordered. 1/4" BSP (M) swivel end and 1/4" BSP (M) fixed end.



HIGH PRESSURE

PF9 Flexible Extension

A 230mm (9") high pressure flexible extension with 1/8" BSP threads. Supplied with K29 Flexigun and KF53 Power Pistol.



PF17 Flexible Extension

A 43 cm (17") high pressure flexible extension with 1/8" BSP threads.



MANUAL EQUIPMENT

KDF13 Flexible Extension

A 33cm (13") push on flexible extension with nipple to fit Supergrip KY Coupler for use with manual grease guns. Ideal for working in confined spaces.



KDF21 Flexible Extension

A 53cm (21") push on flexible extension with nipple to fit Supergrip KY coupler for use with manual grease guns. Ideal for working in confined spaces.



Groz Lubrication Accessories

Grease Couplers

ZHC144B Hydraulic Coupler 4-Jaw

Professional hydraulic coupler. 4-Jaw 1/8" BSPT thread and hex nut.

FEATURES:

- 4-Jaw construction
- Maximum pressure 6000psi (413 bar)
- Suitable for hand operated grease guns
- Hexagonal nut for easy tightening



ZBHC Swivelling Button Coupler

Zinc die cast coupler body for greasing button head fittings, found mostly on heavy machinery or contractor's equipment.

FEATURES:

- Maximum working pressure 3,000psi (207 bar)
- Swivelling for 5/8" (16mm) button head fittings
- Metal seal increases resistance to wear



ZHC21B Quick Disconnect Grease Coupler

The Groz quick disconnect grease coupler is designed for quick and convenient disengagement of the coupler from the grease/zerk fittings under pressure. To engage the coupler, simply press the thumb lever and slide the coupler onto the fitting. The hardened 6 cylindrical balls hold the grease/zerk fitting tight. Once greasing is completed simply press the thumb lever again to disconnect the coupler from the fitting.

FEATURES:

- Suitable for pressures up to 8000psi / 550bar
- The coupler will not move thus allowing a hands free operation
- Suitable for battery, air and manual operated grease guns
- Slim line diameter 17mm
- Unique 6 point contact design
- Thread: 1/8" BSPTF

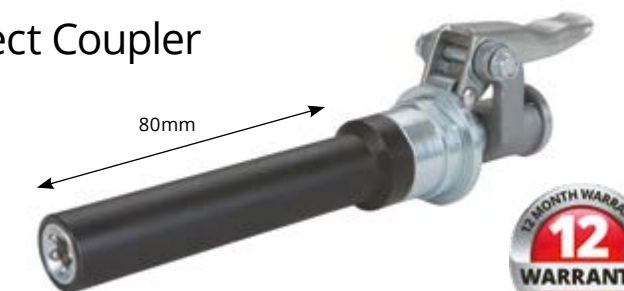


ZHC21XL Extra Long Quick Disconnect Coupler

An extra long version of the ZHC21B coupler above

FEATURES:

- Suitable for pressures up to 8000psi / 550bar
- The coupler will not move thus allowing a hands free operation
- Suitable for battery, air and manual operated grease guns
- Slim line diameter 17mm
- Unique 6 point contact design
- Thread: 1/8" BSPTF
- Length: 80mm

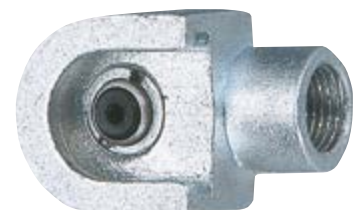


ZHOC-1 Hook on Buttonhead Coupler for 5/8" (16mm)

Zinc die cast coupler body for greasing button head fittings, found mostly on heavy machinery or contractor's equipment.

FEATURES:

- Maximum working pressure 3,000psi (207 bar)
- Swivelling for 5/8" (16mm) button head fittings
- Metal seal increases resistance to wear



ZPCN-2 Heavy Duty Hook on Buttonhead Coupler for 7/8" (22mm)

Zinc die cast coupler body for greasing button head fittings, found mostly on heavy machinery or contractor's equipment.

FEATURES:

- Maximum working pressure 7,500psi (517 bar)
- Swivelling for 7/8" (22mm) button head fittings
- Metal seal increases resistance to wear



Groz Lubrication Accessories

ZHCSW3B 360 degree hydraulic coupler

Professional 360° hydraulic coupler. 3-Jaw 1/8" BSPT thread and hex nut.

FEATURES:

- Swivels in a full 360° circle and locks conveniently at any 45° positions
- Jaws are fully hardened for extended service life
- Hardened coupler body and swivel joints withstand high-pressure applications without deformations
- Spring loaded ball check valve helps retain grease pressure
- Suitable for up to 7,000psi / 483 bar



ZGAK7 Ezee Lube Kit

The Ezee lube kit comprises of a range 7 quick connect lube accessories to help with those difficult greasing jobs.

FEATURES:

- Can be used in conjunction with any 3-jaw or 4-jaw couplers
- Only suitable for hand operated grease guns



ZGH Heavy Duty Grease Hose

ZGH300 (300mm) / ZGH500 (500mm)

Heavy-duty high-pressure flexible extensions, suitable for both hand and air operated grease guns. Fitted with 1/8" BSPTM ends.

FEATURES:

- Superior construction- Inner tubing is polyamide with polyurethane sheathing, reinforced diagonally in highly tear resistant polyester
- ZGH300 - Length (end-to-end) 12" 300mm
- ZGH500 - Length (end-to-end) 20" 500mm
- Working pressure: 5,800 PSI (400 bar)
- Temperature range: -30°C to 100°C
- Warning: Never use beyond recommended working pressure



ZGBP6B Grease Gun Rigid Extension

Rigid extension suitable for manual grease guns. Fitted with 1/8" BSPTM ends.

FEATURES:

- High strength rolled threads on both ends
- Length: 150mm
- Working pressure: 6,000psi



ZFRE Grease Gun Flexible Rigid Extension

Grease gun extension that works as a rigid 13" (330mm) long steel extension or converts into a flexible hose extension for greasing hard to reach fittings.

FEATURES:

- Suitable for use with hand and air operated grease guns
- Sliding sleeve that allows for either rigid or flexible operation
- Supplied with professional 4-jaw coupler
- Working pressure: 5,000 PSI (345 bar)



Lubrication Accessories

Bearing Packer / Grease Gun Holders / Z Swivels

ZBEP625 Bench Type Bearing Packer

Rapid action bench type bearing packer for use with grease guns. Non threaded top cone for fast placement of bearings. The design incorporates a grease nipple on the outer shaft, which easily adapts to the grease gun coupler. Suited for bearings with a min. inner diameter of 1/2" (12mm), to a max. outer diameter of 6" (150mm) and height from 3/8" (10mm) to 2" (50mm).

FEATURES:

- Rugged steel construction



ZGGH Grease Gun Holder

ZGGH01 / ZGGH02

Simple snap action clamp for safe storage of grease guns and suction guns.

FEATURES:

- ZGGH01 Suitable for guns with 400g barrels - Diameter 57.15mm (2 1/4")
- ZGGH02 Suitable for guns with 450g barrels - Diameter 63.5mm (2 1/2")
- Mounts on almost any surface
- Manufactured from heavy gauge steel sheet with zinc-plated finish

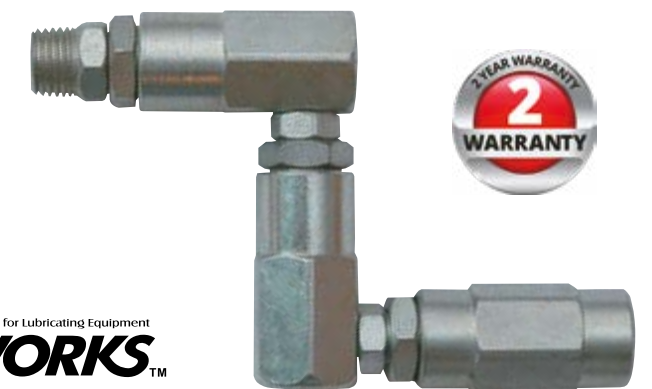


J1785702 Z Swivel

Normally used in conjunction with a grease control valve and is supplied as standard equipment with J1700512, J1700513 and J1700524 grease systems, allows for a full 360° rotation giving the user the flexibility to grease in awkward areas, without tangling the grease hose.

FEATURES:

- 1/4" male and female
- Full 360° rotation
- Fits control valves with 1/4" female inlets
- Max working pressure 5,000 PSI

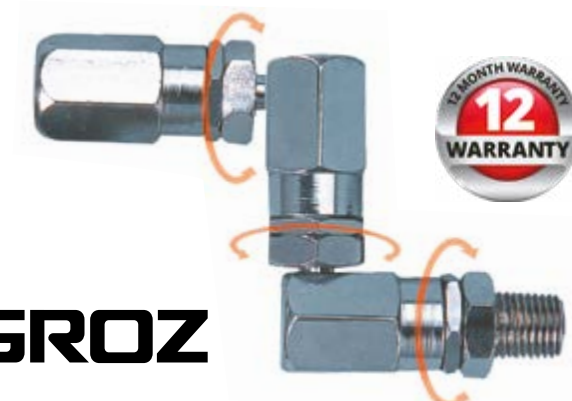


ZHPZS High Pressure 'Z' Swivel

Installed between the delivery hose and grease control valve, swivels permit easy handling of control valves and prevent damage to hose caused by twisting. Constructed from heavy-duty steel with ball bearings for smooth operation and free unrestricted movement through 360 degrees.

FEATURES:

- Max working pressure 6,000 PSI (413 bar)
- Thread specification 1/4" BSPT (M) - 1/4" BSPT (F)



Lubrication Accessories

Drum Trolleys

TR5 Trolley

A drum trolley designed to suit 15 litre (4 gal) to 25 litre (6 gal) oil and 12.5kg (28lb) to 22kg (48lb) grease containers.



TR6 Trolley

A drum trolley designed to suit 50 litre (13 gal) to 60 litre (16 gal) oil and 50kg (110lb) to 55kg (120lb) grease containers.

J1708001 50kg Drum Trolley

Drum trolley for 50ltr/50kg drums with four wheels, two large and two swivelling.

FEATURES:

- Suitable for 50ltr/50kg drums
- Adjustable pump support bracket
- Weight 11kgs



J1708003 180kg Drum Trolley

Drum trolley for 205ltr/180kg drums with four wheels, two large and two swivelling, one equipped with a brake.

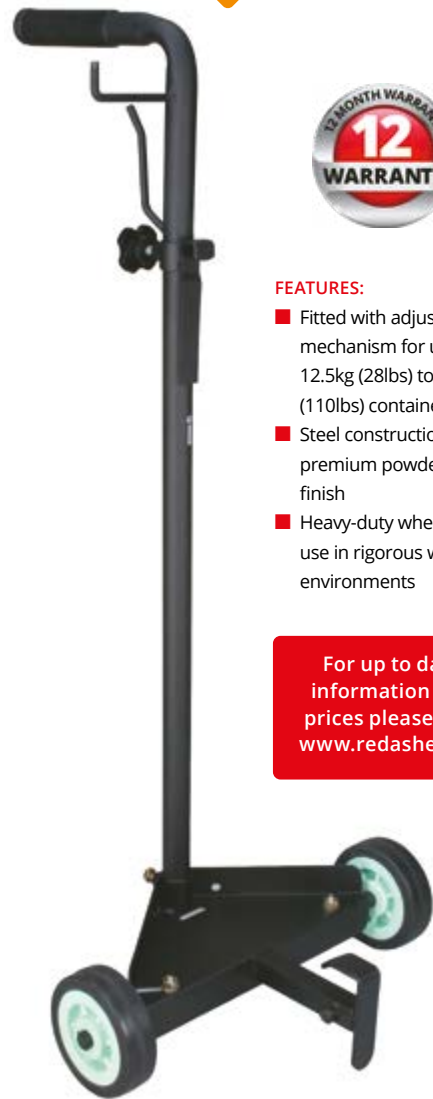
FEATURES:

- Suitable for 205ltr/180kg drums
- Adjustable supports suitable for gun, hose or other accessories
- Wheel brake included
- Weight: 41kgs



ZTRL60 Adjustable Drum Trolley

Adjustable drum trolley ideal for transporting oil/grease containers.



FEATURES:

- Fitted with adjustable mechanism for use with 12.5kg (28lbs) to 50kg (110lbs) containers
- Steel construction in premium powder coated finish
- Heavy-duty wheels for use in rigorous workshop environments

For up to date information and prices please visit www.redashe.com

Groz Lubrication Accessories

Grease Nipple Accessories



ZGFU Fitting Unblocker

Opens clogged grease fittings and loosens hardened grease joints. Excellent for maintaining and protecting bearings, control arms, joints, king pins, etc. Tool has an all steel construction and is designed to be tapped with a hammer to force a light viscosity oil through the tool into the coupler and finally into the grease joint, breaking up and removing dirt and debris.

FEATURES:

- Built-in hand guard for added safety in use
- Flexible hose attachment reaches fittings in difficult areas
- Comes complete with grease coupler for connection onto the grease fitting
- 2 spare seals supplied for replacing the piston seals as they wear out



ZTHT01 Grease Fitting Thread Tester

Tool box accessory for sorting out mixed fittings.

FEATURES:

- Aluminium construction with 21 popular thread mounting holes

Thread type	Size			
	1/8"	1/4"	3/8"	
NPT				
Metric	M6 x 1	M6 x 0.75		
Metric	M8 x 1	M8 x 1.25		
Metric	M10 x 1	M10 x 1.5		
BSPT	1/8"	1/4"		
UNF/ANF	1/4"	5/16"	3/8"	
BSW	1/4"	5/16"	1/2"	3/8"
BSF	3/16"	1/4"	5/16"	



ZESO1 Easy Out Tool

Handy dual-purpose tool for removing worn and broken grease fittings as well as re-tapping holes for installing new grease fittings.

FEATURES:

- Works with straight and angled fittings
- Hex size 5/16" and 3/8" (9mm)
- Tap re-threads 1/4" - 28



ZBSP50 Assorted Grease Nipple Pack 50pc BSPT



50 pcs of BSPT grease fittings.

TECHNICAL DATA			
Thread spec.	Straight	45 degree	90 degree
1/8" - 28 BSPT	20	5	5
1/4" - 19 BSPT	10	5	5



ZM80 Assorted Grease Nipple Pack 80pc Metric



80pcs of metric grease fittings.

TECHNICAL DATA		
Thread spec.	Straight	90 degree
M6 x 1	20	10
M8 x 1	15	10
M10 x 1	15	10



Groz Grease Nipples

- FEATURES:**
- Manufactured to the most stringent quality standards - TS16949 approved
 - Fitting profile and dimensions are accurately controlled and conform to SAE, DIN,BS, JIS & IS standards.
 - Grease fittings are heat treated to SAE J534 specification with hardness on greasing end to a minimum of 83 on Rockwell 15N scale with a case depth of 0.005" (0.13mm) to 0.009" (0.23mm)
 - Fittings with ball check use heat treated springs for increased life
 - Steel fittings are plated in yellow zinc with a plating thickness of 0.0002" (5 microns) conforming to SAE J534 specification and have a guaranteed salt spray life of over 75 hours to red rust.

1. Straight stainless steel grease nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFTSS1419	1/4" BSPT straight	6.5mm min	8.6mm max	23.5mm max	0.6"
ZGFTSS81	M8 x 1 straight	3.75mm min	5.5mm	16mm	23/64" or 9mm
ZGFTSS1428 UNF	1/4" UNF straight	2.5mm min	4.6mm	15mm	8mm
ZGFTSS1827	1/8" NPT straight	4.6mm min	7.1mm max	16.8mm max	7/16"
ZGFTSS1418	1/4" NPT straight	6mm min	10.7mm max	22mm max	9/16"
ZGFTSS61	M6 x 1 straight	3.75mm min	5.5mm max	16mm max	9/32" or 7mm
ZGFTSS1828	1/8" BSPT straight	3.75mm min	5.5mm max	16mm max	7/16" or 11mm

2. 90 degree angle stainless steel grease nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFTSS182890	1/8" BSPT 90 degree angle	3.75mm min	5.5mm max	18mm	7/16"
ZGFTSS141990	1/4" BSPT 90 degree angle	4.2mm min	6.5mm	22mm	14mm or 9/16"
ZGFTSS6190	M6 x 1 taper 90 degree angle	3.75mm min	5.5mm max	18mm max	23/64" or 9mm
ZGFTSS8190	M8 x 1 taper 90 degree angle	3.75mm min	5.5mm max	18mm max	23/64" or 9mm
ZGFTSS142890 UNF	1/4" UNF 90 degree angle	4.6mm min	5.9mm	18.55mm	23/64" or 9mm
ZGFTSS182790	1/8" NPT 90 degree angle	5.6mm min	7.6mm	21.3mm	7/16"

3. 45 degree angle stainless steel grease nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFTSS182845	1/8" BSPT 45 degree angle	3.75mm min	5.5mm max	21mm max	7/16" or 11mm
ZGFTSS182745	1/8" NPT 45 degree angle	5.6mm min	7.6mm	21.8mm	7/16"
ZGFTSS141945	1/4" BSPT 45 degree angle	4.2mm min	6.5mm	22.5mm	14mm or 9/16"
ZGFTSS8145	M8 x 1 taper 45 degree angle	3.75mm min	5.5mm max	21mm max	23/64" or 9mm
ZGFTSS6145	M6 x 1 taper 45 degree angle	3.75mm min	5.5mm max	21mm max	23/64" or 9mm
ZGFTSS142845 UNF	1/4" UNF 45 degree angle	3.3mm min	5.1mm	20.8mm	3/8"

4. Button Head Steel Grease Nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFTBHC1827	1/8" NPT button head coupler	4.76mm min	8.7mm	19mm	5/8"
ZGFTBHC1418	1/4" NPT button head coupler	6.75mm min	10.7mm	21mm	5/8"
ZGFTBHC1828	1/8" BSP button head coupler	4mm min	7.4mm	15.3mm	15.24mm
ZGFTBHC1419	1/4" BSP button head coupler	7mm min	10.7mm	21mm	15.24mm



5. Straight Steel Grease Nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFT1827	1/8" NPT straight	4.6mm min	7.1mm	16.8mm max	7/16"
ZGFT1418	1/4" NPT straight	6mm min	10.7mm	22mm	9/16"
ZGFT1828	1/8" BSPT straight	3.75mm min	5.5mm max	16mm max	11mm
ZGFT1419	1/4" BSPT straight	4.2mm min	6.5mm	17.5mm	9/16"
ZGFT81	M8 x 1 straight	3.75mm min	5.5mm max	16mm max	9mm
ZGFT61	M6 x 1 straight	3.75mm min	5.5mm max	16mm max	7mm
ZGFT1428UNF	1/4" UNF straight	2.5mm min	4.6mm	15mm max	8mm

6. 90 degree angle steel grease nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFT182890	1/8" BSPT 90 degree angle	3.75mm min	5.5mm max	18mm	11mm
ZGFT141990	1/4" BSPT 90 degree angle	4.2mm min	6.5mm	22mm	14mm or 9/16"
ZGFT8190	M8 x 1 taper 90 degree angle	3.75mm min	5.5mm max	18mm max	9mm
ZGFT182790	1/8" NPT 90 degree angle	5.6mm min	7.6 mm	21.3mm	7/16"
ZGFT141890	1/4" NPT 90 degree angle	5.75mm min	9.27mm	24mm	9/16"
ZGFT6190	M6 x 1 90 degree angle	3.75mm min	5.5mm max	18mm max	9mm

7. 45 degree angle steel grease nipples					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZGFT142845 UNF	1/4" UNF 45 degree angle	3.3mm min	5.1mm	20.8mm	3/8"
ZGFT182745	1/8" NPT 45 degree angle	5.6mm min	7.6mm	21.8mm	7/16"
ZGFT141845	1/4" NPT 45 degree angle	5.75mm	9.27mm	29.74mm	9/16"
ZGFT182845	1/8" BSPT 45 degree angle	3.75mm min	5.5mm max	21mm max	11mm
ZGFT141945	1/4" BSPT 45 degree angle	4.2mm	6.5mm	22.5mm	9/16" or 14mm
ZGFT8145	M8 x 1 45 degree angle	3.75mm min	5.5mm max	21mm max	9mm
ZGFT6145	M6 x 1 45 degree angle	3.75mm min	5.5mm max	21mm max	9mm

8. Grease Fitting Caps					
Part No.	Description	Thread length	Shank length	Overall length	Hex size
ZCAP50	Grease fitting cap pack of 50 (red)	n/a	n/a	n/a	n/a

Refillable Bearing Lubricator

The refillable automatic bearing lubricators are high quality, mechanical, chemical and thermal resistant. Designed to provide constant lubrication to bearings, bushings, joints, articulated joints or wherever constant greasing is required. The lubricators are supplied with a setting dial which allows you to set the dispensing rate of the grease.

- FEATURES:**
- Manufactured from transparent Lexan
 - Setting dial (1, 3, 6 and 12 months) supply duration
 - Supplied with medium tension spring with optional light and strong tension springs available for varying applications
 - Operating temperatures -30°C to +132°C
 - Suitable for use with all types of grease NLGI 0-1-2-3-4
 - Available in 100ml and 220ml sizes
 - Outlet thread M10 with 1/8" BSP adaptor

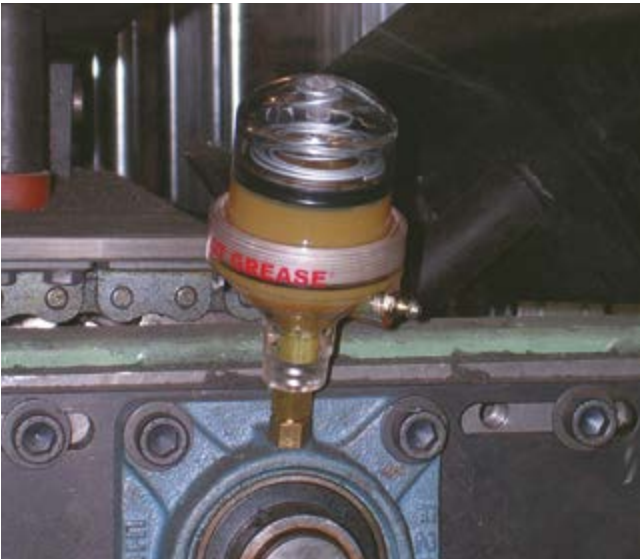
TECHNICAL DATA	
MCGL100-01:	100ml capacity
MCGL220-01:	220ml capacity
Construction:	Lexan, brass, spring steel, Nitrile rubber
Minimum temperature:	-30°C
Maximum temperature:	+132°C
Grease range:	NLGI 0 - NLGI 4
Maximum pressure:	200psi (when bulk filling)

SPRING SELECTION TABLE

°C	0	1	2	3	4
-30 – +4	D	M	F	F	F
+5 – +20	D	M	M	M	F
+21 – +50	D	M	M	M	F
+51 – +132	D	D	D	M	M

F = Strong spring (F100A or F220A)
M = Medium spring (supplied as standard)
D = Light spring (D100A or D220A)

For up to date information and prices please visit - www.redashe.com



R100 1:1 Oil Ratio Pump

R100T pump (drum)
R100S pump (stub)
R100THG pump (complete system)

The R100 is an air powered 1:1 ratio transfer pump that can be supplied as a stub version (R100S) for integration into a system or with suction tube (R100T) for use with 205 litre (55 US gal) drums.

A transfer system, model R100THG, is available which includes a pump, 900mm (3ft) suction tube, 3m (10ft) of reinforced delivery hose and a trigger type delivery nozzle (gun).

- FEATURES:**
- 1:1 Ratio Pump
 - Complete oil transfer system
 - Suitable for use with oils to SAE 140, diesel fuel, ethylene glycol (anti-freeze/anti-boil) and kerosene
 - Delivers up to 60 litres (16 us gal) per minute
 - 3m (10ft) Reinforced delivery hose and trigger action nozzle (R100THG only)
 - 900mm suction tube- ideally suited to 205 litre (55 US Gal) drums (R100T only)
 - 50mm (2") adjustable bung adaptor
 - Air inlet 6mm (1/4") BSP (F)
 - Oil inlet (stub pump only) 1" bsp (f)
 - For the bare pump versions order R100T (drum) or R100S (stub)
 - All models include an airline oil lubricator



TECHNICAL DATA

Wetted components: Aluminium, nitrile rubber, carbon PTFE, zinc plated carbon steel and brass

Pump ratio: 1:1(oil pressure is the same as air pressure)

Output: 60 L/min (16 US gal per min) of SAE 10 oil at 690 kPa (100 psi) air pressure(free flow)

Suction tube length: R100S (stub) 220 mm (8 3/4")
R100T (drum) 910 mm (36")

Max. air pressure: 1030 kPa/150psi/10.3 bar

Min. air pressure: 400 kPa/60psi/4 bar

Min. air compressor: 0.22 m³/min (8 cfm)

Air inlet: 1/4" BSP or NPT (F)

Pump inlet: 3/4" BSP or NPT (F)

Pump outlet: 3/4" BSP or NPT (F)

Foot valve inlet: 1" BSP or NPT (F) (stub only)



FLOW RATES – R100T (1:1 ratio drum pump)

Material	Output through 1m (3ft) x 25mm (1") hose LITRES (US GAL)	Output through 9m (30ft) x 19mm (3/4") hose & TC-01 gun LITRES (US GAL)	
OIL SAE 10	60 (15.8)	12 (3.1)	ATF
OIL SAE 30	50 (13.3)	9 (2.3)	GTX3
OIL SAE 90	47 (12.4)	4 (1)	SP220 GEAR OIL
OIL SAE 140	39 (10.2)	4 (1)	
DIESEL	60 (15.8)	13 (3.4)	
KEROSENE	59 (15.5)	12 (3.1)	

Note:

1. Flow rates in litres per minute at 700kPa/100 PSI/7 bar and 23°C.
2. Flow rates are a guide only and the actual output may vary from that stated.
3. Variations in flow rate can result from compressor volume, air pressure, hose construction, hose fittings, ambient conditions and system pipe work.



R300 3:1 / 5:1 Oil Ratio Pumps

R300S pump (stub) R300T pump (drum)
R500S pump (stub) R500T pump (drum)

An air powered 3:1 ratio stub pump that delivers up to 23 litres (6 US gal) per minute (at the pump). This pump is ideal for workshops where fast flow is required, typically over distances of 10 metres (38ft) up to 30 meters (98ft) through one or two hose reels and meter/gun systems. The R300T (drum) and the R300S (stub) pumps are ideally suited for the Macnaught HG series oil control guns (refer to pages 68/69) and Retractable hose reels. All models include an airline oil lubricator.

- FEATURES:**
- Stub or drum pump for inclusion in a workshop or mobile bulk oil system
 - 50mm (2") adjustable bung adaptor
 - Suitable for use with oils to SAE 140, diesel, ethylene glycol (anti-freeze/anti-boil), kerosene and soft self collapsing greases
 - Delivers up to 23 litres (6 US gal) per minute
 - Oil Inlet 19mm (3/4") BSP (F) oil outlet 19mm (3/4") BSP (F)
 - Optional TD42s suction tube
 - Air inlet 6mm (1/4") BSP (F)



FLOW RATES – R300S (3:1 ratio stub pump)

Material	Output through 3m (10ft) x 19mm (3/4") hose reel & HG60 gun LITRES (US GAL)	Output through 3m (10ft) x 19mm (3/4") hose & 10m (33ft) x 12.5mm (1/2") LITRES (US GAL)	
OIL SAE 10	23 (6)	15 (3.9)	ATF
OIL SAE 30	20 (5.2)	9 (2.3)	GTX3
OIL SAE 90	17 (4.4)	6 (1.6)	SP220 GEAR OIL
OIL SAE 140	14 (3.7)	4 (1)	
DIESEL	23 (6)	18 (4.7)	
KEROSENE	22 (5.8)	17 (4.5)	

Note:

1. Flow rates in litres per minute at 700kPa/100 PSI/7 bar and 23°C.
2. Flow rates are a guide only and the actual output may vary from that stated.
3. Variations in flow rate can result from compressor volume, air pressure, hose construction, hose fittings, ambient conditions and system pipe work.

The R500 is an air-operated, high flow, 5:1 ratio oil transfer pump, designed for workshops requiring fluid transfer over distances of up to 50 metres. The R500 is ideal for use with drums and tanks, and through pipelines, one or multiple hose reels and meter/gun dispensing systems.

- FEATURES:**
- Delivers up to 28 litres (7.4 us gal) per minute
 - Suitable for high pressure operations
 - Suitable for ATF, engine oil, gear oil and hydraulic oil up to SAE 140
 - Built-in pressure release valve for safe operation
 - 2" (male) bung adapter
 - Suitable for 205 litre drums (optional extension tube available for stub version)
 - Quiet and efficient operation
 - Fully repairable and serviceable



FLOW RATES – R500 (5:1 ratio stub pump)

Material	Free flow output (per min.) at the pump LITRES (US GAL) LITRES/MIN	Output (per min.) through 30m (98ft) x 9.5mm (3/8") hose and hose end gun @ 690kPa/100psi LITRES (US GAL) LITRES/MIN	Output (per min.) through 30m (98ft) x 12.5mm (1/2") hose and hose end gun @ 690kPa/100psi LITRES (US GAL) LITRES/MIN
OIL SAE 10	28 (7.4)	6.2 (1.7)	8.8 (2.4)
OIL SAE 30	27 (7.2)	4.05 (1.1)	6 (1.6)
OIL SAE 90	26 (6.9)	2.3 (0.7)	3 (0.8)



R1000 10:1 Oil Ratio Pump

R1000T pump (drum)
R1000S pump (stub)

The R1000 10:1 ratio oil pump is the latest addition to the range and has been designed for workshops and systems requiring oil transfer of distances up to 100 metres. It is ideally suited for use with bulk tanks and drums and utilising multiple hose reels and meter/gun dispensing systems.

- FEATURES:**
- Suitable for automatic transmission fluid, engine oil, gear oil, and hydraulic oils up to SAE 140
 - Suitable for 205 litre (55 US gal.) drums (optional extension tube available for stub version)
 - The stub version (R1000S) can be easily wall mounted
 - Built-in pressure relief valve for safe operation
 - Oil lubricator and 2" (male) bung adaptor supplied
 - 10 year parts availability

TECHNICAL DATA

Wetted components: aluminium, nitrile rubber, carbon PTFE, zinc plated carbon steel

Pump ratio: 10:1 (oil pressure is 10 times air pressure)

Output: 15 litres (4 US gal.) per min. of SAE 10 oil at 100 psi air pressure (free flow)

Dimensions: R1000S (stub) 605mm x 120mm x 120mm
R1000T (drum) 1297mm x 120mm x 120mm

Max. air pressure: 1030 kPa/150psi/10.3 bar

Min. air pressure: 400 kPa/60psi/4 bar

Min. air compressor: 0.50 m3/min. (18 cfm/min)

Air inlet: 1/4" BSP or NPT (F)

Pump outlet: 3/4" BSP or NPT (F)

FLOW RATES – R1000

Material	Output (per min.) through 1m x 25mm (1") hose and hose end gun @ 550kPa/80psi	Output (per min.) through 35m (115ft) x 12.5mm (1/2") hose and hose end gun @ 690kPa/100psi
	LITRES (US GAL) LITRES/MIN	LITRES (US GAL) LITRES/MIN
OIL SAE 10	15 (4)	10 (2.6)
OIL SAE 30	15 (4)	6 (1.6)
OIL SAE 90	14 (3.7)	4.6 (1.2)

* Flow rates are a guide only and any variations can depend on system set-up

For up to date information and prices please visit - www.redashe.com



T112/T312 1:1/3:1 Oilmaster Ratio Pumps

The T112 1:1 ratio oil pump is designed to transfer oils up to 10 metres and can be used with any of Macnaught's hose end gun range.

- FEATURES:**
- Stub pump for inclusion in a workshop or mobile bulk oil system
 - Suitable for oils up to SAE 140, automatic transmission fluid
 - 2" (M) bung adaptor supplied ■ No requirement for in-line lubricator
 - Optional ST003AS suction tube available
 - 10 year parts availability

TECHNICAL DATA

Wetted components: Aluminium, zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber

Pump ratio: 1:1 (oil pressure is the same as air pressure)

Output: 27 litres (7 US gal.) per min of SAE 10 oil at 100psi air pressure (free flow)

Max. Air Pressure: 1000 kPa/145psi/10 bar

Min. Air Pressure: 400 kPa/60psi/4 bar

Min. Air Compressor: 0.16m3/min. (6 cfm/min)

Air Inlet: 1/4" BSP or NPT (F)

Pump Inlet: 1" BSP or NPT (F)

Pump Outlet: 3/4" BSP (or NPT (F))

The T312 3:1 ratio oil pump is designed to transfer oils up to 30 metres and can be used with any of Macnaught's hose end gun range.

- FEATURES:**
- Stub pump for inclusion in a workshop or mobile bulk oil system
 - Suitable for oils up to SAE 140, automatic transmission fluid
 - 2" (M) bung adaptor supplied ■ No requirement for in-line lubricator
 - Optional ST003AS suction tube available
 - 10 year parts availability

TECHNICAL DATA

Wetted components: aluminium, zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber

Pump ratio: 3:1 (oil pressure is 3 times air pressure)

Output: 15 litres (4 US gal.) per min of SAE 10 oil at 100psi air pressure (free flow)

Max. Air Pressure: 1000 kPa/145psi/10 bar

Min. Air Pressure: 400 kPa/60psi/4 bar

Min. Air Compressor: 0.08m3/min. (3 cfm/min)

Air Inlet: 1/4" BSP or NPT (F)

Pump Inlet: 1" BSP or NPT (F)

Pump Outlet: 3/4" BSP (or NPT (F))



T112 Oilmaster®

Material	Free flow (per min.) at pump outlet @ 690kPa/100psi (air)	Output (per min.) through 3m (10ft) x 19mm (3/4") hose and hose end oil delivery gun
	LITRES (US GAL) LITRES/MIN	LITRES (US GAL) LITRES/MIN
OIL SAE 10	27 (7)	10 (2.6)
OIL SAE 30	23 (6)	9.5 (2.5)
OIL SAE 90	22 (5.8)	9 (2.4)

* Flow rates are a guide only and any variations can depend on system set-up

T312 Oilmaster®

Material	Free flow (per min.) at pump outlet @ 690kPa/100psi (air)	Output (per min.) through 9m (30ft) x 12.5mm (1/2") hose and hose end oil delivery gun
	LITRES (US GAL) LITRES/MIN	LITRES (US GAL) LITRES/MIN
OIL SAE 10	15 (4)	10 (2.6)
OIL SAE 30	13 (3.4)	7 (1.8)
OIL SAE 90	10 (2.6)	6 (1.6)

T512 5:1 Oilmaster Ratio Pumps

The T512 Oilmaster® is an air operated 5:1 ratio stub pump that delivers up to 15 litres per minute. This is a very quiet pump that is ideal for all workshops where transfer of lubricating oils over varying distances through hose reels with dispensing nozzles and/or meters is required.

The T512 Oilmaster®, is supplied as a stub pump with a 50mm (2") BSP bung adaptor, and 25mm (1") BSP (F) oil inlet. T512 pump is ideally suited for the Macnaught HG series oil control guns and Retractable hose reels.

- FEATURES:**
- Stub pump for inclusion in a workshop or mobile bulk oil system
 - Suitable for use with oils to SAE 140, automatic transmission fluid
 - Delivers up to 15 litres (4 US gal) per minute (at the pump)
 - Air inlet 1/4" BSP or NPT (F)
 - Oil inlet 1" BSP (F)
 - Oil outlet 1/2" BSP (F)
 - 50mm (2") adjustable bung adaptor
 - Optional ST003AS suction tube available



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FLOW RATES – T512 OILMASTER

Material	3m (10ft) x 12.5mm (1/2") hose, 10m (33ft) x 12.5mm (1/2") hose reel and delivery gun	9m (29ft) x 2.5mm (1/2") hose, 10m (33ft) x 2.5mm (1/2") hose reel and delivery gun
OIL SAE 10	6.5 ltr (1.7 gal) per min	6 ltr (1.6 gal) per min
OIL SAE 30	5 ltr (1.4 gal) per min	5 ltr (1.4 gal) per min
OIL SAE 90	4 ltr (1.1 gal) per min	3.5 ltr (0.93 gal) per min

- Note:
1. Flow rates in litres per minute at 700kPa/100 PSI/7 bar and 23°C.
 2. Flow rates are a guide only and the actual output may vary from that stated.
 3. Variations in flow rate can result from compressor volume, air pressure, hose construction, hose fittings, ambient conditions and system pipe work.



ZAOP Air Operated Oil Ratio Pumps

ZAOP1S / ZAOP1D / ZAOP3S / ZAOP3D / ZAOP5S / ZAOP5D

Groz industrial oil dispensing pumps offer guaranteed performance and hassle free operation. These pumps are designed to work in tough conditions and are ideal for use in industry, workshop, agricultural, construction or as part of a mobile oil system.

Stub pumps are supplied with a non-return valve threaded 1" (F) for use on the bottom of the suction tube. Drum pumps have a built in strainer at the pump inlet to keep out any contaminants.

TECHNICAL DATA	
Working air pressure	2 - 10 bar (30 to 150 PSI)
Maximum air pressure	10 bar (150 PSI)
Air inlet connection	1/4" BSP (F)
Pump outlet connection	1/2" BSP (F)
Air consumption	230 ltr / min (61 gpm)
Noise level	81 db

ZAOP1S / ZAOP1D 1:1 Air-Operated Oil Pumps

1:1 transfer pumps are primarily used to quickly transfer oils from large drums to smaller containers over a short distance.

- FEATURES:**
- Double acting operation with discharge up to 40 LPM (10.58 GPM)
 - Ideal for use with low to medium oils up to SAE80 over distances up to 5 meters.
 - Air consumption: 270 LPM (71.5 GPM)
 - ZAOP1S stub pump with bung adaptor
 - ZAOP1D pump complete with suction tube for 205ltr (55 gal) drums and bung adaptor

ZAOP3S / ZAOP3D 3:1 Air-Operated Oil Pumps

Ideal for use with medium to high viscosity oils (up to SAE130) for transferring over short distances (up to 30 meters).

- FEATURES:**
- Single acting pump with discharge up to 14 LPM (3.70 GPM)
 - Suitable for oils up to SAE130
 - Air consumption 230 LPM (61 GPM)
 - ZAOP3S stub pump with bung adaptor
 - ZAOP3D pump complete with suction tube for 205ltr (55 gal) drums and bung adaptor

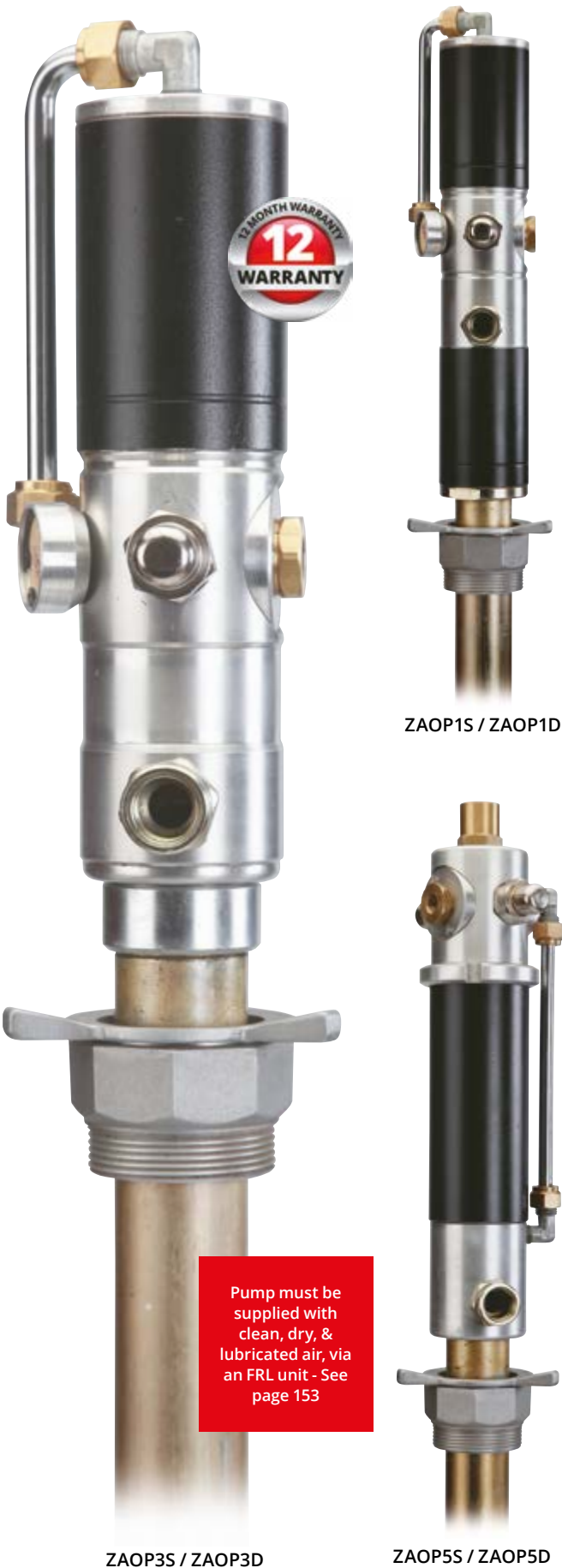
ZAOP5S / ZAOP5D 5:1 Air-Operated Oil Pumps

Ideal for use with high viscosity oils (up to SAE240) for transferring over short and long distances (up to 50 meters). Mostly used with hose reels and centralised distribution systems.

- FEATURES:**
- Double acting operation with discharge up to 18 LPM (4.76 GPM)
 - Suitable for oils up to SAE240
 - Air consumption 250 LPM (66 GPM)
 - ZAOP5S stub pump with bung adaptor
 - ZAOP5D pump complete with suction tube for 205ltr (55 gal) drums and bung adaptor



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ZAOP3DSS Air Operated Stainless Steel 3:1 Pump

Stainless Steel 3:1 air operated drum pump. Ideal for transferring low to medium viscosity fluids such as antifreeze, windshield washer fluids, water-soluble lubricants etc.

- FEATURES:**
- Includes 2" die cast aluminium bung for use with 205 litre drums
 - Built in stainless steel strainer
 - Wetted components - stainless steel, brass, aluminium, hi nitrile rubber, polyurethane and turcite
 - Recommended use - water, water soluble lubricants, coolants, soap solutions, detergents, windshield fluids etc.
 - Pump must be supplied with clean and dry compressed air via an FRL unit
 - Suitable for oils upto SAE130

TECHNICAL DATA	
Working pressure	2-10 bar (30 to 150 psi)
Max. air inlet pressure	10 bar (150 psi)
Max. fluid pressure	30 bar (450 psi)
Air consumption	230 l/min (61 gpm)
Air inlet connection	¼" BSP (F)
Oil outlet connection	½" BSP (F)
Max. free flow rate	14 l/min (3.70 Gallon)



J100 1:1 Air-Operated Oil Pumps

J100 - with 940mm suction tube / J100S - stubby pump

Redashe pneumatic oil pumps are designed and constructed to give outstanding performance in all workshop environments. A full range of pumps is available to cover every type of application in the automotive, agricultural, commercial vehicle and heavy plant workshops. Low noise level air motors are used that will provide years of trouble free service. Typically used in workshops, service stations, fast lube centres, fleet maintenance, mining, agriculture, armed forces, construction, trains, etc.

There are two models of 1:1 pump available, the J100, which is supplied with a 940mm suction tube, and the J100S, which is a stub pump. Both units are supplied with a 2" bung adaptor. Typical fluids handled include, engine oil, synthetic oil, hydraulic oil, transmission fluid, for use with oils up to SAE 80.

- FEATURES:**
- Precision machined to ensure stability and long life
 - Easy to operate and maintain
 - Suitable for use with antifreeze and oils up to SAE 80
 - Supplied with 2" adjustable bung adaptor
 - Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil, automatic transmission fluid and anti-freeze
 - Low noise level - quiet efficient and reliable

TECHNICAL DATA	
Ratio	1:1
Working pressure	2-10 bar (30/150psi)
Maximum fluid pressure	10 bar (150psi)
Air consumption	@ 10 bar - 100 L/min
Output capacity ltr./min.	35 L/min
Suction Tube diameter mm	52mm
Air inlet connection	¼" quick plug
Oil delivery connection	½" male
Maximum viscosity	SAE 80
Test media, SAE30 oil @ 20°C through 2mtr hose length free outlet	



Mounting Brackets & Accessories available - please see pages 121 & 153



J300 3:1 Air-Operated Oil Pumps

J300 - with 940mm suction tube / J300S - stubby pump

Double acting air operated medium pressure pumps for dispensing lubricants in medium size installations including multiple dispensing points with simultaneous operation. Typical fluids handled include, engine oil, synthetic oil, hydraulic oil, transmission fluid, maximum viscosity SAE130. Pumps include height adjustable bung adaptor 2" BSP (M).

Typically used in workshops, service stations, fast lube centres, fleet maintenance, mining, agriculture, armed forces, construction, trains, etc.

- FEATURES:**
- Precision machined to ensure stability and long life
 - Double action
 - Easy to operate and maintain
 - Suitable for use with antifreeze and oils up to SAE 130
 - Supplied with 2" adjustable bung adaptor
 - Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil, automatic transmission fluid and anti-freeze
 - Low noise level - quiet efficient and reliable

TECHNICAL DATA	
Ratio	3:1
Working pressure	2-10 bar (30-150psi)
Maximum fluid pressure	30 bar (450psi)
Air Consumption	@10 bar - 100L/min
Output capacity ltr./min.	20 L/min
Suction Tube diameter mms	42 mm
Air inlet connection	¼" quick plug
Oil Delivery Connection	½" male
Maximum Viscosity	SAE 130
Test media, SAE30 oil @ 20°C through 2mtr hose length free outlet	



Mounting Brackets & Accessories available - please see pages 121 & 153

OPTIONAL KITS AVAILABLE FOR ALL AIR-OPERATED PUMPS



J500 5:1 Air-Operated Oil Pumps

J500 - with 940mm suction tube / J500S - stubby pump

This double acting air operated high-pressure pump is designed for dispensing lubricants in larger installations. Suitable for use with multiple dispensing points with simultaneous operation. Typical fluids handled include, engine oil, synthetic oil, hydraulic oil, transmission fluid, maximum viscosity SAE 240. Pumps include height adjustable bung adaptor 2" BSP (M).

- FEATURES:**
- Precision machined to ensure stability and long life
 - Double action
 - Easy to operate and maintain
 - Suitable for use with antifreeze and oils up to SAE 240
 - Supplied with 2" adjustable bung adaptor
 - Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil, automatic transmission fluid and anti-freeze
 - Low noise level - quiet efficient and reliable

TECHNICAL DATA	
Ratio	5:1
Working pressure	2-10 bar (30-150psi)
Maximum fluid pressure	50 bar (750psi)
Air consumption	@10 bar - 78 L/min
Output capacity ltr./min.	18 L/min
Suction tube diameter mms	42 mm
Air inlet connection	¼" quick plug
Oil delivery connection	½" male
Maximum viscosity	SAE 240
Test media, SAE30 oil @ 20°C through 2mtr hose length free outlet	



Mounting Brackets & Accessories available - please see pages 121 & 153



J17130301 Heavy Duty 3:1 Transfer Pump

Heavy-duty 3:1 air operated oil pump for high volume and longer distance transfer applications, such as truck, bus and rail shops. Suction tube kits available for both 205 litre barrels and bulk oil tanks.

- FEATURES:**
- Precision machined to ensure stability and long life
 - Easy to operate and maintain (air motor service kit available J17130301KIT)
 - Few moving parts in the air motor assembly means less downtime and low repair cost
 - Suitable for oil upto SAE250
 - Corrosion resistant design
 - Suction tube kits available for use with 205ltr barrels (JET20670 - 670mm), and bulk oil tanks, (JET 20920- 920mm)

TECHNICAL DATA	
Ratio	3:1
Working pressure	5-12 bar (70-180 psi)
Maximum fluid pressure	36 bar / 500 psi
Air consumption	@ 8 bar 600 l/min
Suction tube diameter	54mm / 2.1"
Oil outlet connection	3/4" BSP (F)
Max. free flow rate	45 l/min (12 gallon)

J17130501 Heavy Duty 5:1 Transfer Pump

Heavy-duty 5:1 air operated oil pump for high volume and longer distance transfer applications, such as truck, bus and rail shops. Suction tube kits available for both 205 litre barrels and bulk oil tanks.

- FEATURES:**
- Precision machined to ensure stability and long life
 - Easy to operate and maintain (air motor service kit available J17130501KIT)
 - Few moving parts in the air motor assembly means less downtime and low repair cost
 - Suitable for oil upto SAE250
 - Corrosion resistant design
 - Suction tube kits available for use with 205ltr barrels (JET20670 - 670mm), and bulk oil tanks, (JET 20920- 920mm)

TECHNICAL DATA	
Ratio	5:1
Working pressure	5-12 bar (70-180 psi)
Maximum fluid pressure	60 bar / 870 psi
Air consumption	@ 8 bar 600 l/min
Suction tube diameter	54mm / 2.1"
Oil outlet connection	3/4" BSP (F)
Max. free flow rate	40 l/min (11 gallon)



For up to date information and prices please visit - www.redashe.com

Mounting Brackets & Accessories available - please see pages 121 & 153



SUCTION TUBES
JET20920 (920mm)
JET20670 (670mm)

Diaphragm Pumps

- FEATURES:**
- Externally serviceable air distribution system and all bolted construction
 - Includes ground capability to eliminate static discharge
 - Both metal and plastic bodies are available
 - A variety of elastomer options including Nitrile, Viton, EPDM and PTFE are available to meet abrasion, temperature and chemical compatibility concerns
 - Maximum diameter of Solid: 1/8"
 - J17150601V is suitable for use with adblue and antifreeze
 - Suitable for oil upto SAE250



Part number	Pump material	Membrane material	Max flow rate	Max pressure	Inlet/outlet	Air inlet
J17150600V	Aluminium	Viton	16 gpm / 60 lpm	8 bar / 115 psi	3/4"	1/4"
J17150601V	Plastic	Viton	16 gpm / 60 lpm	8 bar / 115 psi	3/4"	1/4"
J17151200V	Aluminium	Viton	20 gpm / 90 lpm	8 bar / 115 psi	1"	1/4"
J17151200N	Aluminium	Nitrile	20 gpm / 90 lpm	8 bar / 115 psi	1"	1/4"

Diaphragm Pump Wall Mounting Bracket

J17910010

Wall mounting bracket for all Lubeworks air operated diaphragm pumps.

For up to date information and prices please visit - www.redashe.com



J100TDGD / J100TDG Pneumatic Oil Pump Kit

J100TDGD - with digital oil control gun

The J100TDGD is designed to pump and dispense oils up to SAE 80 from a 205ltr drum. The J100TDGD includes J100 drum pump, 2" bung adaptor, air regulator / lubricator, 3m (10ft) reinforced oil delivery hose and digital oil dispensing gun.

J100TDG

The J100TDG is designed to pump and dispense oil or anti-freeze directly from a 205ltr drum. The J100TDG includes J100 drum pump, 2" bung adaptor, air regulator / lubricator, 3m (10ft) reinforced oil delivery hose and oil dispensing gun.

FEATURES:

- Suitable for use with oils up to SAE 80
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid
- Low noise level- quiet efficient and reliable
- Supplied with 2" bung adaptor



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C808-OKDW / C808-OKMW Wall Mount Oil Dispensing Kits

The C808-OKDW and C808-OKMW modular oil dispensing kits are suitable for oil tanks and drums with the option of mounting the pump to the wall. The C808-OKDW kit includes the popular 808 series medium pressure oil reel, along with a choice of 3:1 or 5:1 ratio oil stub pumps with a 2m pump to reel connecting hose. Included will also be the J18163536 Lubeworks® digital oil control gun and wall mounted pump bracket kit JWB10000. The C808-OKMW is supplied with a J1782802 manual oil delivery gun rather than the J18163536 digital version.

Items Included in the C808-OKDW	
C808-450M	50' (15m) x 1/2" medium pressure, spring rewind oil reel complete with SAE 100 RI hose
J300S or J500S	3:1 or 5:1 ratio oil pumps (Stub)
J18163536	Digital oil control gun c/w both rigid and flexible nozzles
JWB10000	Wall mounting kit
TGCOS200	Pump to reel connecting hose

Items Included in the C808-OKMW	
C808-450M	50' (15m) x 1/2" medium pressure, spring rewind oil reel complete with SAE 100 RI hose
J300S or J500S	3:1 or 5:1 ratio oil pumps (stub)
J1782802	Oil control gun with flexible nozzle
JWB10000	Wall mounting kit
TGCOS200	Pump to reel connecting hose



Drum not included with kit

C808-OKDD / C808-OKMD Drum Mount Oil Dispensing Kits

The C808-OKMD and C808-OKDD Modular oil dispensing kits are suitable for 205ltr oil drums. The C808-OKDD kit includes the popular 808 series medium pressure oil reel, along with a choice of 3:1 or 5:1 ratio oil drum pump with a 2m pump to reel connecting hose. Included will also be the J1782802 manual oil delivery gun. The C808-OKMD is supplied with a J18163536 Lubeworks® Digital Oil Control Gun rather than the J1782802 manual version.

Items Included in the C808-OKDD	
C808-450M	50' (15m) x 1/2" medium pressure, spring rewind oil reel c/w SAE 100 RI hose
J300-DRUM or J500-DRUM	3:1 or 5:1 ratio oil pumps (drum)
J1782802	Oil control gun with flexible nozzle
TGCOS200	Pump to reel connecting hose

Items Included in the C808-OKMD	
C808-450M	50' (15m) x 1/2" medium pressure, spring rewind oil reel c/w SAE 100 RI hose
J300-DRUM or J500-DRUM	3:1 or 5:1 ratio oil pumps (drum)
J18163536	Digital oil control gun c/w both rigid and flexible nozzles
TGCOS200	Pump to reel connecting hose



Drum not included with kit

OS200 Trolley Based Oil Dispensing System

The OS200 oil system is totally portable. To begin dispensing, the airline is simply connected to the oil pump. The OS200 is complete with J1708003 trolley, C808-450M oil reel, R300S 3:1 ratio oil pump, ST003AS suction tube, 2" bung adaptor, feeder hose and HG20R-012E digital oil dispensing gun.

FEATURES:

- J1708003 drum trolley (wheel brakes included)
- C808-450M medium pressure spring rewind hose reel - Hose: 12.5mm (1/2") I.D x 15m (50ft)
- R300S pressure flow oil pump (3:1 ratio)
- HG20R-012E electronic oil dispensing gun
- ST003AS suction tube suitable for 205ltr barrel
- TGCOS200 - Connecting hose



Drum not included with kit

JOS200 Trolley Based Oil Dispensing System

Mobile oil dispensing unit for 205 litre barrels, suitable for dispensing oil at medium/high viscosity, for mobile installations and fixed system at medium distances, the drum trolley allows the system to be moved around the workshop with ease, giving increased efficiency. All items are available separately or in kit form.

FEATURES

- Suitable for use with 205 litre barrels
- Supplied complete with a 3:1 ratio pump, digital oil control gun, trolley, connection hose and 15m spring rewind reel

For up to date information and prices please visit - www.redashe.com



Drum not included with kit

JOS100 Trolley Based Oil Dispensing System

Mobile oil dispensing units for 205ltr drums. Suitable for dispensing oil at medium / high viscosity, for mobile installations and fixed system at medium distances, the drum trolley allows the system to be moved around the workshop with ease, giving increased efficiency. All items are available separately or in kit form.

KIT INCLUDES:

- J300-DRUM oil pump
- J18163536 digital control gun
- J1708003 drum trolley
- JCONNECT - connecting hose



J300-DRUM PUMP FEATURES:

- Precision machined to ensure stability and long life
- Double action
- Easy to operate and maintain
- Suitable for use with oils up to 130 SAE
- Supplied with 2" adjustable bung adaptor
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid
- Low noise level - quiet efficient and reliable
- Mounting brackets and accessories available for this product

J18163536 OIL GUN FEATURES:

- Low battery indicator
- Accuracy: +/- 0.5 %
- Spout: Supplied with both rigid, and flexible nozzles
- Power source: 1*3V CR2 Battery
- Rubber protection cover



Drum not included with kit

JOS100M Trolley Based Oil Dispensing System

Mobile oil dispensing units for 205ltr drums. Suitable for dispensing oil at medium / high viscosity, for mobile installations and fixed system at medium distances, the drum trolley allows the system to be moved around the workshop with ease, giving increased efficiency. All items are available separately or in kit form.

KIT INCLUDES:

- J300-DRUM oil pump
- J1782802 oil control gun
- J1708003 drum trolley
- JCONNECT - connecting hose



J300-DRUM PUMP FEATURES:

- Precision machined to ensure stability and long life
- Double action
- Easy to operate and maintain
- Suitable for use with oils up to 130 SAE
- Supplied with 2" adjustable bung adaptor
- Suitable for use with engine oil, synthetic oil, hydraulic oil, gear oil and automatic transmission fluid
- Low noise level - quiet efficient and reliable
- Mounting brackets and accessories available for this product

J1782802 OIL GUN FEATURES:

- Lightweight
- Flexible nozzle with automatic tip



Drum not included with kit

JPOD030 / JPOD065 Mobile Pneumatic Oil Dispensers

The JPOD030 and JPOD065 are suitable for filling and topping up of oil, once charged the unit can be used without being connected to the air supply, and is equipped with a level gauge delivery gun and flexible hose. Will dispense all automotive engine and gearbox oils.

- FEATURES:**
- Pneumatic oil dispenser equipped with level gauge and delivery gun with flexible end
 - Works autonomously with out the requirement of continuous connection to air supply
 - Suitable for use with oil up to SAE 70



TECHNICAL DATA (JPOD030)	
Tank capacity:	30L / 8 gallon
Air pressure:	7-8 Bar / 100-114 Psi
Maximum pressure:	10 Bar / 145 Psi
Flex hose:	2000mm / 79"
Weight:	15 kgs / 33 lbs

TECHNICAL DATA (JPOD065)	
Tank capacity:	65L / 17 gallon
Air pressure:	7-8 Bar / 100-114 Psi
Maximum pressure:	10 Bar / 145 Psi
Flex hose:	2000mm / 79"
Weight:	26 kgs / 57 lbs



JPS030 Pressure Sprayer

The JPS030 Pressure sprayer is equipped with level gauge and spray gun and is suitable for the non-toxic spraying of detergent liquids for washing motors vehicles, low-density lubrication oils, and similar products for distributing lubricating, and preservation oils. etc. Filled to ¾ capacity with chosen liquid, then pressurised with air at 7-8 bar. Once charged, the JPS030 can be used autonomously around the workshop, without requiring continuous connection to the compressed air supply.

- FEATURES:**
- Supplied with 5mtr of flexible hose
 - Delivery gun length - 27"
 - Supplied with funnel for easy filling
 - Supplied with gun holster for easy storage
 - Tank capacity - 30Ltrs
 - Easy to manoeuvre



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TECHNICAL DATA	
Tank capacity	30L / 8 gals
Maximum working pressure	10 bar / 145 psi
Flexible hose length	5 mtr / 16 ft
Gun length	69cm / 27"
Air inlet connection	1/4" quick plug, 1/4" NPT



Oil Drum Bunds



Fully sealed and moulded bund containment systems, designed to contain any, spills or leaks, preventing liquids from spreading and polluting the workplace



Part Number	JBUND2	JBUND4	JIBC1	JIBC2
Dimensions	1300 x 750 x 440 mm	1300 x 750 x 440 mm	1450 x 1450 x 100 mm	2450 x 1450 x 575 mm
Capacity	240 litres	230 litres	1100 litres	1140 litres
Pack size	1	1	1	1

HG40 / HG60 Metered Control Guns



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SPECIAL ELECTRONIC FEATURES:

- The HG60 pre-set electronic oil gun has been designed using latest technology
- The self correcting algorithm allows the meter to measure and self correct any variance in oil flow
- EEPROM retention: Allows all information to be retained if the batteries are removed
- Fail Safe: If low voltage is detected the pre-set function is locked out. If a computer error is detected the HG60 will shut down
- Sleep Mode: When the gun has not been used for 2 minutes the electronics will go to "sleep". This preserves battery life. Battery life expectancy is 12-18 months (depending on use)
- The gun can be used in manual mode if required
- In addition to the standard manual and auto mode functions, there are 5 pre-settable totals which can be changed for frequently required volumes
- 3 volt technology for long battery life

HG40 oil control gun with mechanical Meter and HG55 oil control gun with Electronic meter also available. Please call for further details.

10 YEAR WARRANTY

FEATURES:

- Up to 30 litres (8 US gal) per minute
- Maximum working pressure 103 bar / 10350kPa/1500 psi
- Latching handle with trigger lock
- Selectable alarm
- Shock resistant
- Complete with rigid extension and non-drip nozzle
- 6 digit resettable & accumulative totals
- Oval gear meter (accuracy $\pm 0.5\%$ of reading)
- Two outlet nozzle positions (in line or 90°)
- Heavy duty construction
- Spare parts availability guaranteed for ten years
- Fully serviceable
- Use two standard AA batteries

HG40 TECHNICAL DATA

Wetted components: Aluminium, acetal, steel, nitrile rubber

Accuracy: $\pm 1\%$ (of reading)

Flow range: 1-30 L/min (0.26 – 8 US gal/min)

Max pressure: 10350 kPa (1500 psi, 103.5 bar)

Pressure loss: 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid

Weight: 1.16kg (2.55 lbs)

Swivel inlet: $\frac{1}{2}$ " BSP or NPT(F)

Multi-Coloured Shrouds

HG60 TECHNICAL DATA

Wetted components: Aluminium, acetal, steel, nitrile rubber

Accuracy: $\pm 0.5\%$ (of reading)

Flow range: 1-30 L/min (0.26 – 8 US gal/min)

Maximum pressure: 10350 kPa (1500 psi, 103.5 bar)

Pressure loss: 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid

Weight: 1.16kg (2.55 lbs)

Swivel inlet: $\frac{1}{2}$ " BSP or NPT(F)

Operating temp: 0° - 50° C (32° - 122° F)

Storage temp: -10° - 60° C (14° - 140° F)

CS4M for HG40, CS4E for HG55 and HG60

J18133512 Digital Preset Oil Gun



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2 YEAR WARRANTY

The J18133512 oil control gun is an electronic preset meter. This control gun is suitable for use with engine oil, gear oil, automatic transmission fluid and anti-freeze/anti-boil.

FEATURES:

- 5 digit LCD display
- Supplied with both rigid and flexible nozzles
- In addition to the standard manual and auto mode functions, there are five pre-settable totals which can be changed for frequently required volumes
- Automatic non-drip nozzle
- Rubber shock resistant cover
- Trigger guard to prevent accidental operation

TECHNICAL DATA

Inlet connection: $\frac{1}{2}$ " female

Flow range: 1 – 35lpm / 0.3-9.2gpm

Pressure range: 0.5-70 bar / 7-1000 psi

Max temperature: -10°C-60°C

Accuracy: $\pm 0.5\%$

Viscosity: 8-5000mPas

Nozzle: Flexible/rigid non-drip

Power source: Alkaline cell 9v

Weight: 1.5kgs/3.3lbs

J18163536 Digital Oil Control Gun



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2 YEAR WARRANTY

The J18163536 is a durable & accurate oil control gun. Supplied with both rigid and flexible nozzles. Typical fluids handled are motor oil, gear oil and transmission fluids etc. Resettable total for daily, weekly and lifetime dispense reports with a 5-digit easy to read LCD display powered by 3v battery.

TECHNICAL DATA

Inlet connection: $\frac{1}{2}$ " female

Flow range: 1 – 35lpm / 0.3-9.2gpm

Pressure range: 5-100 bar / 70-1450psi

Max temperature: -10°C-60°C

Accuracy: $\pm 0.5\%$

Viscosity: 8-5000mPas

Nozzle: Flexible/rigid non-drip

Power source: 1*3v CR2 battery

Weight: 1.3kg / 2.86lbs

FEATURES:

- Low battery indicator
- Rubber shock resistant cover
- Trigger guard to prevent accidental operation

For up to date information and prices please visit - www.redashe.com

J18128003 High Flow Oil Control Gun



High flow oil control gun for transferring large volumes of lubricating oils. Typical fluids handled are motor oil, gear oil, transmission fluids. 5-digit LCD running totaliser and resettable display.

- FEATURES:**
- 5-Digit easy to read LCD display powered by 3v CR2 battery
 - Low battery indicator
 - Rubber protection shroud for meter

TECHNICAL DATA	
Inlet connection:	3/4" BSP female
Flow range:	6 -80 l/min – 1.6 -21gpm
Pressure range:	5 - 50bar (70 - 725psi)
Max temperature:	60°C
Accuracy:	+/- 0.5%
Viscosity:	8 - 5000mPas
Weight:	2.4kgs

HG100 High Volume Oil Control Gun (Non Metered Gun)

The HG100 is a feature packed high flow gun designed to shift large volumes of fluid quickly and easily. The gun is also available in zinc, for use in the mining industry.

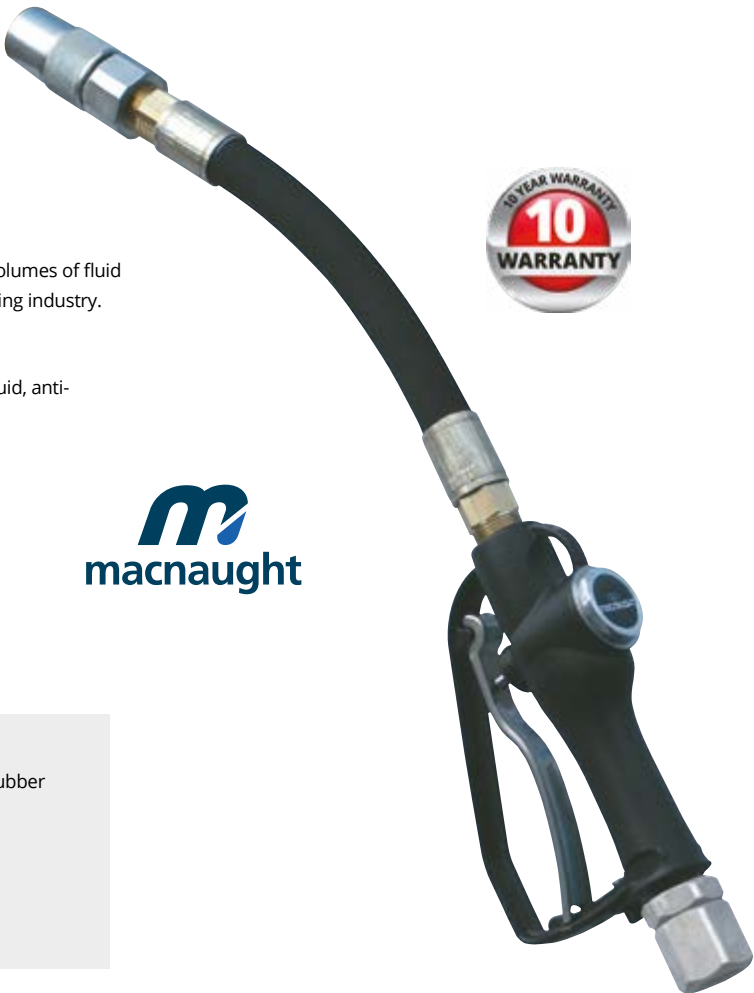
- FEATURES:**
- Dispenses lubricating oils up to SAE 140, automatic transmission fluid, anti-freeze/anti-boil, and diesel oil
 - Flexible 3/4" ID hose with manual nozzle
 - Latching trigger for ease of use
 - Trigger guard for protection
 - Lockable trigger for anti-theft security
 - Hanging loop
 - Balanced valve assembly allows maximum flow control
 - 10 year parts availability

TECHNICAL DATA	
Wetted components:	Aluminium/zinc, mild steel, nitrile rubber
Flow rate:	57 litres (15 US gal.) per min.
Max. operating pressure:	10340kPa/1500psi/103 bar
Max. operating temperature:	70°C (158°F)
Inlet swivel:	3/4" BSP (or NPT (F))
Weight (with fittings):	2.2kg (5lbs)

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HG100-019E-01 High Volume Oil Control Gun (Metered Gun)

The HG100-019E-01 is a feature packed high flow gun designed to shift large volumes of fluid quickly and easily. The HG100-019E-01 comes with a built in IM019E-01 electronic oil meter. The gun is also available in zinc, for use in the mining industry.

- FEATURES:**
- Dispenses lubricating oils up to SAE 140, automatic transmission fluid, anti-freeze/anti-boil, and diesel oil
 - Flexible 3/4" ID hose with manual nozzle
 - Latching trigger for ease of use
 - Trigger guard for protection
 - Lockable trigger for anti-theft security
 - Hanging loop
 - Balanced valve assembly allows maximum flow control
 - Includes an IM019E-01 electronic oil meter ■ 10 year parts availability

TECHNICAL DATA	
Wetted components:	Aluminium/zinc, mild steel, nitrile rubber
Flow rate:	3-57 litres (15 US gal.) per min.
Max. operating pressure:	10340kPa/1500psi/103 bar
Max. operating temperature:	55°C (131°F)
Inlet swivel:	3/4" BSP (or NPT (F))
Weight (with fittings):	2.2kg (5lbs)

HG20R-012E Digital Oil Control Gun

Reliable HG20 oil gun fitted with digital meter for all types of workshop or dealership applications. Rigid extension with non-drip automatic nozzle and locking trigger. Switchable from batch and total displays

- FEATURES:**
- Accuracy up to +/- 0.5% of reading
 - Max pressure 6,900kPa (1,000psi)
 - Flow rate up to 30L/min. 1/2" BSP (F) inlet swivel
 - 10 year parts availability
 - Rigid extension with non-drip automatic nozzle and locking trigger
 - Compatible with, engine, gear, ATF, hydraulic oils up to 140 SAE viscosity and anti-freeze/anti boil

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TECHNICAL DATA	
Wetted components:	Aluminium, Nitrile rubber, mild steel, zinc, Acetal, PEI resin
Flow rate:	Up to 30L/min
Max. operating pressure:	6,900kPa (1,000psi)
Operating temperature:	-14 to 55°C
Inlet swivel:	1/2" BSP(M)
Weight (with fittings):	1.5kg.



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J1782801 / J1782802 Rigid / Flexible Oil Control Guns

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The J1782801 is a durable and lightweight oil control valve with rigid nozzle and manual tip, typical fluids handled are motor oil; gear oil; transmission fluids, etc.



J1782801
Rigid nozzle with
manual tip

J1782802
Flexible nozzle
with automatic tip

The J1782802 flexible oil control gun is a durable and lightweight oil control valve with flexible nozzle and automatic tip, typical fluids handled are motor oil; gear oil; transmission fluids, etc.

FEATURES:

- Inlet connections: 1/2" BSP swivel female
- Delivers up to 30l per min.
- Max pressure: 50 bar / 750 psi
- Temperature: Max 60°C spout

ZOCG1 Oil Control Gun (Manual Tip)

Oil delivery gun for use with air-operated oil pumps up to 6:1 pressure ratio. Gun dispenses by simple press of the trigger.

FEATURES:

- Built in safety latch which can be slid over the trigger for continuous unattended dispensing; or alternatively under the trigger to lock and prevent accidental dispensing of fluid
- Rigid nozzle with manual tip
- Recommended use: oil, gear oil, ATF and anti-freeze
- 1/2" BSPT female swivel inlet



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GROZ

TECHNICAL DATA

In-line swivel:	1/2" BSPT (F)
Outlet diameter of spout:	1/2" (12.7mm)
Max. inlet pressure:	870 PSI (60 bar)
Max. flow rate:	63 LPM (16.6 GPM)
Max. temperature:	60°C (140°F)

Lubrication Accessories

IBC Mounting Brackets

SIDE MOUNT J19808101 / TOP MOUNT J19808102

J19808101 SIDE BRACKET - Enables a pump or drip tray to be mounted on the side of 1000ltr IBC container.

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J19808102 TOP MOUNTING BRACKET - Enables pump delivery systems, hose reels to be mounted on the top of 1000ltr IBC containers.



JDT10001 Oil Drip Tray

Wall mounted drip tray, to collect drips from delivery gun nozzle.

FEATURES:

- Removable tray for easy disposal of excess oil
- Dimensions: 71cm(H) x 21cm(W) x 17cm(D)

Solution for Lubricating Equipment
LubeWORKS™

For up to date information and prices please visit - www.redashe.com



JWB10001 Wall Bracket

Steel wall mounting for installing all Lubeworks stub pumps. Only suitable for J300 and J500 pumps.



Solution for Lubricating Equipment
LubeWORKS™

ZMB Wall Mounting Bracket

Heavy duty steel wall mounting bracket for stub pumps.

FEATURES:

- Fitted with welded 2" (F) bung
- Length 4 - 3/4" (120mm) width 6" (150mm) height 6" (150mm)
- Powder coated finish



GROZ



Lubrication Accessories

JCONNECT Oil Dispensing Hose

4 metre oil dispensing hose complete with fittings.

FEATURES:

- SAE 100 R1 hose, working pressure 138bar / 2000psi
- Length 4m /13' - ½" I.D.
- Fittings: ½" BSP male by ½" BSP female cone seat
- Grease dispensing hose available on page 85

LubeWORKS™
Solution for Lubricating Equipment



JMT10002 Automatic Non-Drip Nozzle

Automatic non-drip nozzle, designed with multiple check valves to achieve absolute non-drip. The nozzle opens automatically under pressure; and closes automatically with the release of pressure. The discharge end has a narrow section allowing the nozzle to dispense in to small openings. Designed to minimize pressure loss.

FEATURES:

- ¼" BSPT (F) inlet thread

LubeWORKS™
Solution for Lubricating Equipment



JMH10002 Flexible Extension

½" flexible extension with automatic non-drip nozzle, suitable for use with oil control guns.

FEATURES:

- Thread: ½" BSPM
- Length: 240mm

LubeWORKS™
Solution for Lubricating Equipment



JMT10001 Rigid Extension with Manual Tip

½" rigid extension comes complete with manual tip suitable for use with oil control guns.

FEATURES:

- Thread: ½" BSPM
- Length: 245mm

LubeWORKS™
Solution for Lubricating Equipment



For up to date information and prices please visit - www.redashe.com

J19572501 Oil Pressure Release Valve

The J19572501 oil pressure release valve is designed to fit all standard Lubeworks oil pumps.

FEATURES:

- Inlet: ½" BSP female
- Outlet: ½" BSP male
- Adjustable pressure range: 5 - 50 bar

LubeWORKS™
Solution for Lubricating Equipment



ST003AS Suction Tube

Suction tube and footvalve for Macnaught R and T series oil pumps



macnaught



JET20670 Suction Tube

670mm suction tube suitable for use with the J17130301 and J17130501 heavy duty oil pumps.

FEATURES:

- Thread 1½" BSP (male)
- Length 670mm
- Constructed from steel

LubeWORKS™
Solution for Lubricating Equipment



JET20920 Suction Tube

920mm suction tube suitable for use with the J17130301 and J17130501 heavy duty oil pumps.

FEATURES:

- Thread 1½" BSP (male)
- Length 920mm
- Constructed from steel

LubeWORKS™
Solution for Lubricating Equipment



For up to date information and prices please visit - www.redashe.com

ZRISER Telescopic Suction Tube

Telescopic suction tube suitable for use with pneumatic oil pumps with 1" BSP female inlets.

FEATURES:

- Thread 1" BSPT (Male)
- Length 604mm to 1020mm (23¾" to 40⅞")
- Tube material steel with Nitrile rubber seal



GROZ



Lubrication Accessories

JWB10000 Suction Tube Kit

Wall mounting kit for use with stub pumps (Excluding J100S).

FEATURES:

- Comes complete with 940mm suction tube, 1580mm suction hose, wall mounting bracket, 2 x hose tails, foot valve and filter



LubeWORKS™
Solution for Lubricating Equipment



JP210000-200B and JET10000 Suction Tube Kits

These suction tube kits are designed to enable you to extend your riser tube according to requirements. JP210000-200B suitable for J100 pumps and JET10000 suitable for J300 and J500 pumps.

FEATURES:

- Extension tube 1: 500mm
- Extension tube 2: 200mm

LubeWORKS™
Solution for Lubricating Equipment



ZBN Bung Nut

Aluminium drum bung for use primarily with air operated pumps.

FEATURES:

- Bungs can be adjusted anywhere on the suction tube and tightened using the wing nut
- Zinc die cast locking nut inside holds the suction tube
- Inside diameter 42mm (standard on all Groz ZAOP series oil pumps)



GROZ

ZFV1 Foot Valve

Used at the bottom of the suction tube as a non-return valve, which helps in retaining prime.

FEATURES:

- Machined aluminium construction with a steel non-return ball.
- 1" BSP (F) thread.



GROZ

Lubrication Accessories

ZFSM1 / ZFSM2 / ZFSM5 Flexible Spout Measure

Plastic measures for transferring metered quantities.

FEATURES:

- 1, 2 and 5 litre capacities available
- Marked in both litres and quarts
- Manufactured from a translucent high density polyethylene
- Complete with polyethylene flexible spout and polypropylene lid
- Measures must not be used to measure media for resale



GROZ

ZFNL4ST 4pc Plastic Funnel Set

Polypropylene funnels designed for quick and drip free transfer of a variety of fluids.

FEATURES:

- Capacity: 430ml (15oz), 245ml (8.5oz), 120ml (4.2oz) and 40ml (1.4oz)
- Diameter: 125mm (5"), 100mm (4"), 75mm (3") and 50mm (2")
- High rim works as an effective splash guard
- Recommended use: Diesel, gasoline, kerosene, urea, oils, antifreeze and other water based media
- Do not use with: Acids and other media at temperatures above 60°C (140°F)



GROZ

ZFNL8 / ZFNL9B Funnel and Flexible Spout

Anti-splash and spill proof funnels, complete with mesh screen, dust cover and flexible spout.

FEATURES:

- 1.7litre and 3litre capacities available
- ZFNL9B supplied with 2" bung for direct attachment to drum
- Heavy duty polypropylene construction in translucent white to give clear view of media
- Spill proof funnel design
- Curved funnel ends to make it splash proof
- Supplied with dust cap and wire mesh screen to keep contaminants out



GROZ

ZFNL11F Heavy Duty Funnel 4.7ltr Capacity

High flow fuel and oil funnel with extra large mouth for easy pouring.

FEATURES:

- Heavy duty polyethylene construction for use with a variety of media
- Manufactured from fully compliant materials and suitable for outdoor use over varying temperature conditions and sunlight
- Tie hole built into the funnel for easy storage
- Complete with a filter screen
- Recommended use: Diesel, gasoline, kerosene, urea, oils, antifreeze and other water based media
- Not for use with: Acids and other media at temperatures above 60°C



GROZ

Groz Handling Accessories

ZDLI34N Drum Level Indicator

An easy and cost effective means to check the level of fluid remaining in a drum. Fits on the small 3/4" hole on the drums, leaving the 2" opening free for installing pumps.

FEATURES:

- Commonly used on oil and fuel drums, the float has a polyethylene construction which allows it to be used with a wide range of liquids including water, coolants etc.
- Face of indicator is fitted with a display marked from 0 to 205 litres. Reversing the display gives graduations from 0 to 55 gallons.
- Note that this is not a precise measuring device. The gauge is only to give an approximate level of liquid in the drum to know when to arrange a new drum.

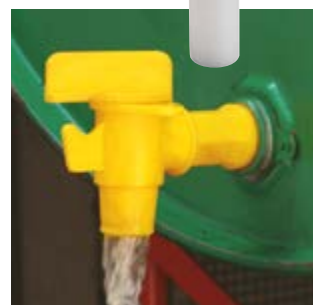


ZFAU34 Drum Faucet / Tap

Fits into 3/4" threaded opening on 205 litre (55 gal) drums for convenient dispensing of media under gravity flow with the drum laid horizontally.

FEATURES:

- 3/4" (M) thread
- Built-in bucket hanger
- Can be padlocked



ZFAU02 Drum Faucet / Tap

Fits into 2" threaded openings on 205 litre (55 gal) drums for convenient dispensing of media under gravity flow with the drum laid horizontally. Built in sight glass port for mounting sight glass to check the fluid level in the drum.

FEATURES:

- 2" (M) thread
- Built-in bucket hanger
- Can be padlocked



ZDBC Drum Bung Converter

Converts 2" fine male thread found on most pumps/drum bungs to 2" male coarse threads, making the pumps good for use on plastic drums and IBC's with 2" coarse female threads.

FEATURES:

- Polypropylene construction, designed with 6 protrusions for easy tightening
- Fits most Valerex/Trisure containers



ZDR Drum Wrench

An easy and convenient tool to open almost all types of drums.

FEATURES:

- Designed to fit most 2" and 3/4" drum plugs
- Manufactured from cast aluminium, hardened and tempered for increased strength



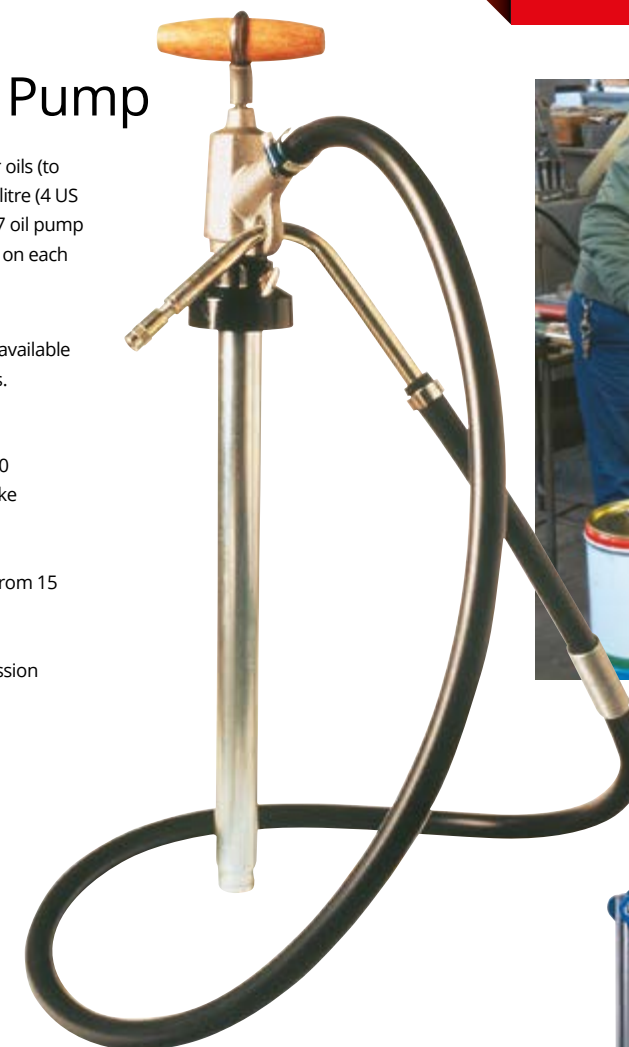
C7 Manual Oil Pump

The C7 oil pump is ideal for pumping gear oils (to SAE 140) and transmission fluids from 15 litre (4 US gal) to 25 litre (6 US gal) containers. The C7 oil pump delivers approximately 100mls per stroke on each down stroke.

A zinc version (C7-Z) is available for use in underground mines and a strainer (CF) is available for use with automatic transmission fluids.

FEATURES:

- Pumps non-corrosive liquids to SAE 140
- Delivers approximately 100ml per stroke
- 1.8m (6ft) delivery hose with non-drip metal nozzle and built in hose hanger
- Sliding bung adaptors suit containers from 15 litre (4 US gal) to 25 litre (6 US gal)
- Fully serviceable
- Optional strainer (CF) for auto transmission fluids and hydraulic fluids.



C11 Oil Pump

C11 gear oil pump
205 litre (55 us gal)

The C11 gear oil pump is specifically designed for pumping heavier gear oils (to SAE 140) from 205 litre (55 US gal) drums. The pump delivers approximately 75mls per stroke through a 1.8m (6ft) delivery hose and non-drip nozzle. An optional strainer (CF) is available for pumping automatic transmission fluids and hydraulic oils.



FEATURES:

- Pumps gear oils to SAE 140
- Delivers approximately 75mls per stroke
- 1.8m (6ft) delivery hose with non-drip nozzle and built in hose hanger
- Optional strainer (CF) for auto transmission and hydraulic fluids



For up to date information and prices please visit - www.redashe.com

ZEZF2 Ezee Flo Pump

Versatile hand lift pump for 20/25ltr drums.

- FEATURES:**
- Heavy duty steel suction tube with high density polyethylene pump head
 - Supplied with interchangeable bung adapters and suction tube extension
 - Rigid steel discharge spout and 48" long spring embedded non kink discharge hose fitted with non drip nozzle
 - Downstroke operation
 - Delivers 1 litre (1 quart) / 18 strokes
 - Wetted components: steel, aluminium, polyethylene, polypropylene, high nitrile rubber, PVC and acetal
 - Recommended use: engine oils, gear oils, diesel and light fuel oils
 - Do not use with: water based and other corrosive media.



ZG19RB Lever Oil Gun

Heavy-duty oil gun handles flowable greases and light oils without leakage.

- FEATURES:**
- Develops 10,000 PSI / 690 bar
 - Variable stroke feature built in for use in confined areas
 - Grease gun follower designed for use with both oils and grease
 - Refillable options: 400g cartridge, bulk fill, suction and hand fill
 - Complete with 6" (150mm) steel extension and professional 4 jaw coupler with ball check
 - Suitable for oil up to SAE140



ZMP23RFB Lever Type Oil Can

Lever type oil can with brass pump.

- FEATURES:**
- Capacity 500ml / 16 oz / 1 pint
 - Complete with rigid and flexible spout
 - Manufactured with a brass pump and fitted with 2 ball valves for large volume delivery per stroke
 - Blue powder coat finish



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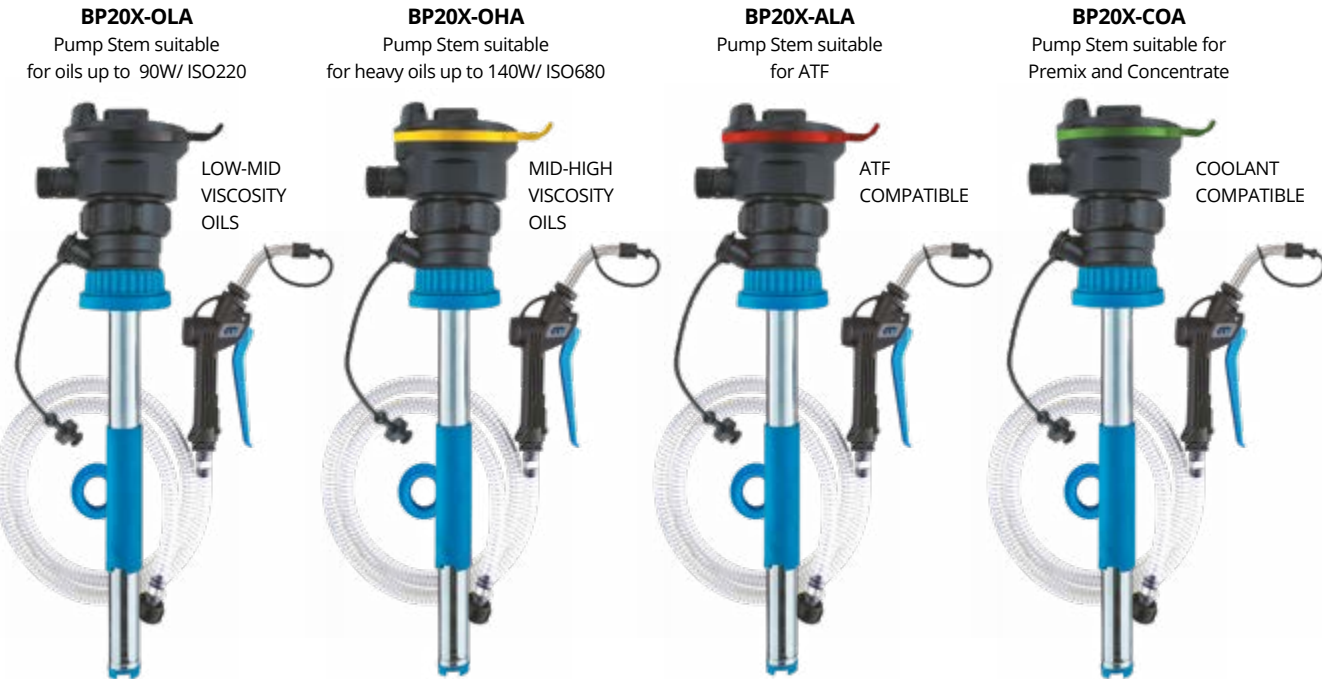
BOP20 Battery Operated Pump

The BOP20 is a portable and rechargeable 18 volt battery operated pump, designed to improve workshop efficiency and fatigue with the flick of a switch. The BOP20 powerhead can be transferred across multiple pump stems to reduce setup costs. The on-demand flow nozzle allows full control over the fluid delivery with flow rates of up to 3.5l/min.

- FEATURES:**
- Sealed wetted parts - zero contamination
 - Separate Powerhead - multiple oils with one powerhead
 - 18v rechargeable 2.0Ah battery delivers up to 105 litres
 - Suitable for oils up to SAE90
 - Flow rates up to 3.5l/min
 - Safety lockout carry handle for simple Powerhead transfer
 - On-demand flow control
 - Adaptor kit to suit most 20L containers



TECHNICAL DATA	
Part Number	Description
BOP20-01	Standard starter kit with BP20X-OLA stem kit
BP20X-OLA	20-25L Pump stem only (Suitable for oil upto SAE90)
BP20X-OHA	20-25L Pump stem only (Suitable for oil upto SAE140)
BP20X-ALA	20-25L Pump stem only (Suitable for ATF)
BP20X-COA	20-25L Pump stem only (Suitable for coolant)



C16 Suction Gun 500ml



A suction gun that is ideal for use with gear oils to get them both into and out of gearboxes, transfer cases and differentials. Another useful application is to use the C16 suction gun to evacuate the sump of an inboard marine engine.

FEATURES:

- Suitable for use with non-corrosive fluids to SAE 90
- 500mls capacity

macnaught



ZSG11 Suction Gun



Robust transfer gun designed for use with gear oils to get them both into and out of gear boxes, transfer cases and differentials.

FEATURES:

- Steel barrel with powder coated finish
- Complete with 12" (300mm) flexible vinyl hose
- No priming required
- Suitable for use with non corrosive liquids
- Capacity 500ml (16oz)

GROZ

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GT Rapidflo Rotary Fuel Pump

A durable high quality pump for fast transfer of diesel, petrol, AV gas, ethylene glycol (anti-freeze/anti-boil) kerosene and light (SAE 30) lubricating oils. The GT Rapid-Flo smoothly pumps up to 100 litres (26 US gal) per minute.

An impeller type rotary pump, the GT Rapid-Flo out-performs most powered fuel pumps.

Designed for 205 litre (55 US gal) or 60 litre (16 US gal) drums this pump is ideal for farm transport and earthmoving vehicles, indeed for any fuel transfer operation you may have.

FEATURES:

- Fast output up to 100 litres (26 US gal) per minute. Approximately 1 litre (1 qt) per rotation
- Pumps diesel, petrol, kerosene and lubricating oils up to SAE 30
- Ideal for high volume aviation fuel transfer
- Pumps easily in both directions
- 2.4m (8ft) antistatic rubber delivery hose and metal nozzle
- Lockable handle and built in nozzle holder
- 1050mm (3.5ft) two piece threaded suction tube
- In-built strainer
- 25mm (1") outlet port
- 50mm (2") adjustable bung adaptor
- Optional 10 micron fuel filter - model VA includes installation/fitting kit



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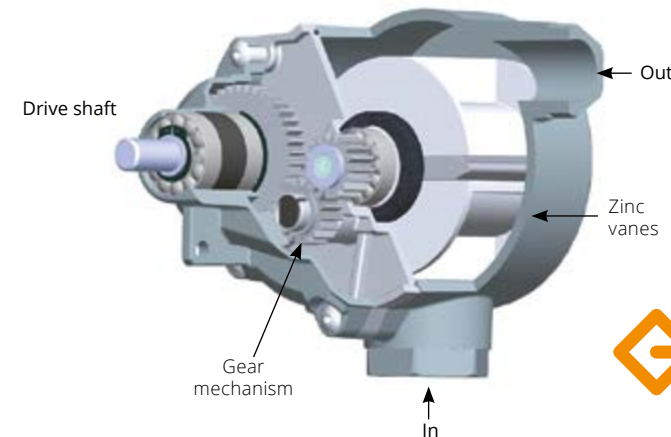
For up to date information and prices please visit - www.redashe.com

ZRB3 Rotary Booster Pump

Geared rotary barrel pump 3:1 ratio, suitable for volume fuel dispensing.

FEATURES:

- Die cast aluminium construction with sintered gear driven die cast zinc rotor and vanes
- Pump fitted with easy to clean wire mesh screen
- Discharge through 1.8m delivery hose with metal nozzle
- 3pc threaded suction tube for use with 15 gallon (50 litre) - 55 gallon (205 litre) drums
- Dispenses 55 gallon / 205 litres in 3 minutes
- Wetted components aluminium, zinc, steel, NBR, PVC nitrile
- Recommended use diesel fuel, gasoline, kerosene and lubricating oils up to SAE30
- Do not use with corrosive liquids, solvents, acids, alkalis etc.



RVP Rotary Vane Pump

This economical rotary pump is designed to dispense various types of lubricating oils and fuels up to 20 L (5 US gal) per minute from 60 L (16 US gal) to 205 L (55 US gal) drums.

FEATURES:

- Pumps diesel, kerosene and lubricating oils up to SAE30
- Supplied with a telescopic suction tube and 2" sliding bung adapter
- RVP is supplied with a 1.8m delivery hose with a metal nozzle and nozzle holder
- Optional 10 pm VA fuel filter available separately
- 10 Year warranty and parts availability



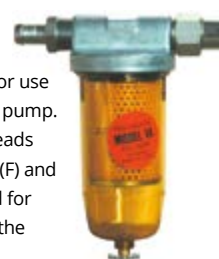
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TECHNICAL DATA

Wetted components: Aluminium, steel, zinc, and nitrile rubber

VA Fuel Filter
A 10 micron paper element fuel filter for use with the RVP rotary pump. Inlet and outlet threads are 25mm (1") NPT (F) and fittings are included for easy installation to the RVP rotary pump.



A2H Multi Purpose Pump

A high quality pump for transferring a wide variety of fluids. The A2H or A2 pumps will handle diesel fuel, lubricating oils (up to SAE 90), other non-corrosive fluids and with the replacement 'O' rings supplied with the pump, a wide range of solvents and chemicals.

FEATURES:

- Variable handle setting for light or heavy fluids
- Delivers approximately 250mls per stroke
- 1.8m (6ft) delivery hose with metal nozzle and built in nozzle holder
- 'Built in' drum bung opener on pump head
- Telescopic suction tube fits 60 litre (16 US gal) and 205 litre (55 US gal) drums
- Fully serviceable
- Supplied with Nitrile, Viton and EPDM 'O' rings



For up to date information and prices please visit - www.redashe.com



ZRBP3V Industrial Rotary Fuel Pump

Heavy-duty industrial rotary fuel pump for use in extreme weather conditions. One of the only 3 vein constructed pumps on the market. The 3 veins give the pump the ability to deliver media with a lift up to 6.1mtrs (20ft) and a maximum discharge rate of 38 l/min (10g/min).

FEATURES:

- Deliver media with a head/lift up to 6.1mtrs (20ft)
- Solid cast iron construction, fully CNC machined to close tolerances
- Sintered powder metal rotor and graphite veins
- Supplied complete with 2" bung, telescopic suction tube with strainer for use with 50ltr (15 gallons) - 205ltr (55 gallons) barrels
- Delivers 38 l/min (10 g/min)
- 8ft antistatic discharge hose with flame arrestor and vacuum breaker
- Suitable for use with gasoline, diesel, kerosene and other solvents compatible with the pumps wetted components
- Wetted components: Cast iron, steel graphite, paper and polypropylene

For up to date information and prices please visit - www.redashe.com



ZA2HBL Barrel Pump

Unique front action operation allows the pump to be used on barrels placed in corners and other inaccessible areas.

- FEATURES:**
- Heavy duty aluminum die cast pump head incorporates 2" bung threads
 - Brass piston rings for increased life
 - No riveted parts, allows 100% serviceability
 - "Built-in" nozzle holder for convenient storage of discharge hose
 - Includes 1.8m PVC Nitrile delivery hose with metal nozzle, spring and hose clamp
 - Supplied complete with telescopic suction tube for use on 50 litre (15 gallons) - 205 litre (55 gallons) drums

TECHNICAL DATA

Wetted components:	Steel, aluminum, brass, NBR and PVC Nitrile
Recommended use:	For dispensing diesel, kerosene, heating oils, motor oils, lubricating oils (up to SAE 90) and other non-corrosive media
Do not use:	With water based media, antifreeze, solvents, acids, and gasoline etc.



ZOLP16 Oil Lube Dispenser and 16ltr Container

Self-contained oil pump supplied complete with a 16Ltr/4.23Gal powder coated container with handle. Fitted with a 4' fuel resistant soft PVC hose with nozzle for clean discharge.

- FEATURES:**
- 16ltr powder coated container
 - Variable pump handle setting for light or heavier oils
 - Recommended use: Transmission differentials and heavier oils
 - Do not use: Water based and other corrosive media



For up to date information and prices please visit - www.redashe.com



Hand Operated Pumps

J1703001 Lever Hand Pump

The J1703001 self-priming lever pump is manufactured in steel, which is zinc-plated to give a quality finish. Supplied with self-adjusting, telescopic suction tube and 2" bung nut.

- FEATURES:**
- Cushioned vinyl handle
 - Supplied with self adjusting suction tube
 - Dispenses approximately 300cc per stroke
 - Zinc plated for lasting quality and appearance
 - Suitable for use with 50-205ltr drums

J1703003 Lift Pump

The J1703003 lift pump, manufactured in mild steel, chrome plated, suitable for use with diesel or oils up to SAE90, can be used with container sizes from 5-55 gallon (20-205litres).

- FEATURES:**
- Dispenses approximately 250ml per stroke
 - Trisure / Valerex 2" BSP thread adaptors
 - Suitable for use with 20-205 ltr drums

J1703004 Rotary Barrel Pump

The J1703004 rotary action vane type pump is suitable for dispensing diesel, and lubricating oils up to SAE 90, output of up to 25litres per minute.

- FEATURES:**
- Supplied with 3 piece suction tube and 2" bung adaptor
 - Built in suction strainer
 - Suitable for dispensing diesel, and lubricating oils up to SAE 90
 - Output - up to 25 litres per minute
 - Suitable for use with 50-205ltr drums

ZSPH1 / ZSPH2 Siphon Pumps

Easy to use polyethylene pumps siphon liquids to lower levels than the height at which the pump was installed.

- FEATURES:**
- Easy to prime and starts within 6 to 7 strokes. Pump requires no further operation and keeps working in auto position
 - Equipped with a vent cap on top. Opening the cap will stop the pump
 - To dispense media at levels higher than the pump, the pump needs to be continuously operated
 - Recommended for use with water based fluids, detergents, waxes, soaps, antifreeze, some mild acids and other liquids compatible with the pump construction materials



Technical Data	ZSPH1	ZSPH2
Discharge	6.5 lpm	17.5 lpm
Bung	1 - 1/2" for use with pails	2" for use with pails
Fits	5 - 20ltr pails	205 ltr drums
Discharge hose length	551mm	1180mm

ZEOPAC Electric Fuel Pumps

ZEOPAC110 (110V AC) / ZEOPAC230 (230V AC)

Vertical mount fuel and oil pump designed for Indoor use in industrial, automotive, heating and marine applications.

- FEATURES:**
- Pumps have built in bung adapter to fit directly onto drums with a 2" thread
 - Manufactured from chemically inert materials; these pumps work with a wide variety of low viscosity media. Pump motor has double insulation which makes them safe for use with water and emulsions
 - Built-In Anti Siphoning system ensures that media does not flow out by siphon action in case of accidental damage to the delivery hose or dispensing nozzle
 - Duty cycle: Continuous duty
 - Suitable for oil up to SAE85

*measured at pump outlet tested using diesel at 20°C

TECHNICAL DATA

Flow rate: Up to 10.5 GPM (40 LPM)*
Working temp: -10°C to + 40°C (14°F to 104°F)
Wetted components: POM, polypropylene, stainless steel, Nitrile rubber, Viton and PTFE
Recommended use: Diesel, kerosene, mineral/synthetic oils, heating oils, antifreeze, water, emulsions etc.



For use with non-flammable media

For up to date information and prices please visit - www.redashe.com

ZEDP 12v / 24v Electric Diesel Pump

Lightweight, yet strong non corroding aluminium die cast construction portable diesel transfer pump designed for everyday use in agricultural, construction, automotive and industrial applications.



- FEATURES:**
- Self priming vane pump design
 - Recommended use diesel and kerosene
 - Up to 46 l/min (12 g/min)
 - Kit includes base plate, lift handle, 4m suction/delivery hose with clamps, fuel strainer, 2m battery cable with fuse and aluminium fuel nozzle
 - Also available as pump only, for 12V, ZEDP12, for 24V, ZEDP24



Technical Data	ZEDP12V	ZEDP24V
Flow Rate (at pump outlet)	Up to 46 l/min (12 g/min)	Up to 46 l/min (12 g/min)
Motor	1/4 HP 12V DC	1/4 HP 24V DC
RPM	2600	2600
Amp Draw From Battery	12 amp	8.7 amp
Internal Bypass Valve	Yes	Yes
Outlet	3/4" NPT	3/4" NPT
Battery Cable	2 Metre	2 Metre
Duty Cycle	30 mins. On / 30 mins. Off	30 mins. On / 30 mins. Off

For up to date information and prices please visit - www.redashe.com

ZEDP12MDST/ ZEDP24MDST 12/24v Drum Mount Electric Diesel Pump

Lightweight, yet strong non corroding aluminium die cast construction portable diesel transfer pump designed for everyday use in agricultural, construction, automotive and industrial applications.

- FEATURES:**
- Self priming vane pump design
 - Recommended use diesel and kerosene
 - Up to 46 l/min (12 g/min)
 - Kit includes pump with 2" bung, elbow fitting, 2pc threaded steel suction tube and nozzle holder
 - Supplied complete with 3m x 3/4" ID delivery hose
 - Includes 2m long battery cable with fuse and clamps
 - Aluminium nozzle for controlling fuel delivery
 - Hardware supplied includes 2 hose barbs (3/4") and 2 hose clamps.



Technical Data	ZEDP12MDST	ZEDP24MDST
Flow Rate (at pump outlet)	Up to 46 l/min (12 g/min)	Up to 46 l/min (12 g/min)
Motor	1/4 HP 12V DC	1/4 HP 24V DC
RPM	2600	2600
Amp Draw From Battery	12 amp	8.7 amp
Internal Bypass Valve	Yes	Yes
Outlet	3/4" NPT	3/4" NPT
Battery Cable	2 Metre	2 Metre
Duty Cycle	30 mins. On / 30 mins. Off	30 mins. On / 30 mins. Off



ZEDP 12v / 24v Electric Diesel Pump Only

Lightweight, yet strong non corroding aluminium die cast construction portable diesel transfer pump designed for everyday use in agricultural, construction, automotive and industrial applications.

- FEATURES:**
- Self-priming vane pump design
 - Recommended use diesel and kerosene
 - Up to 46 l/min (12 g/min)
 - Kit includes base plate, lift handle, 2m battery cable with fuse



Technical Data	ZEDP12	ZEDP24
Flow Rate (at pump outlet)	Up to 46 l/min (12 g/min)	Up to 46 l/min (12 g/min)
Motor	1/4 HP 12V DC	1/4 HP 24V DC
RPM	2600	2600
Amp Draw From Battery	12 amp	8.7 amp
Internal Bypass Valve	Yes	Yes
Outlet	3/4" NPT	3/4" NPT
Battery Cable	2 Metre	2 Metre
Duty Cycle	30 mins. On / 30 mins. Off	30 mins. On / 30 mins. Off



Portable Fuel Transfer Pump Kit

J10304022 (12V) / J10304024 (24V)

A reliable 12v or 24v portable fuel transfer pump kit supplied in a durable carry case.

FEATURES:

- 2m/6.5ft suction hose with filter
- 4m/13ft delivery hose with aluminium manual nozzle
- 2m/6.5ft long battery cable with crocodile clips
- Self-priming diesel transfer pump
- Bypass valve built into pump casing
- Weatherproof to IP55
- Not suitable for use with petrol

TECHNICAL DATA

Flow rate:	40LPM (10GPM)
Voltage:	DC12V/24V
Duty cycle:	30mins. On / 30mins off



ZBOP60 Rechargeable DEF / AdBlue Pump

Rechargeable battery operated pump for quick and convenient transfer of wide variety of fluids.



FEATURES:

- Pump complete with control nozzle, telescopic suction tube and 1.5m flexible hose
- 2900mAh Rechargeable Lithium-ion battery. Rechargeable via USB 2.0 type B connector (USB Cable Included)
- Charge Time: 3hrs
- Flow Rate: Up to 11.5 LPM
- Duty Cycle: Maximum 15 mins on and 30 mins off
- Fully charged battery can discharge up to 300ltrs (tested using Water)
- Wetted Components: Polypropylene, polyethylene, PVC and acetal
- Recommended use: Gasoline, diesel, kerosene, light oils, adblue, DEF, water, antifreeze, windshield fluid, mild detergents and agricultural chemicals.
- Do not use with: Acids, acetone, benzene, cresol, ethyl, phenol, methyl ethyl, thinners solvents, etc.



ZEDR55 Electric Drum Pump

The ZEDR55 is an electric drum pump designed for pumping fuels, water based media, light oils, DEF and select chemicals from 205ltr drums or 1000 – 1250ltr IBC's.

FEATURES:

- Compact and lightweight construction
- Convenient on/off switch with LED indicator
- Built-in fuse for overload protection
- Silenced motor makes almost no noise
- Stainless steel filter built into the suction tube inlet prevents contaminants from getting in and causing damage
- Built in 2" bung adaptor
- Supplied complete with 2m (6.6') hose and manual dispensing nozzle with 3/4" (19mm) OD stainless steel spout
- Do not use with: Gasoline, corrosive chemicals, lacquer thinners and any material that is not compatible with the pump construction

TECHNICAL DATA

Flow rate (at pump outlet):	Up to 28 lpm
Battery:	19.2V, 1.5Ah Li-ion
Duty cycle:	15 minutes on / 15 minutes off
Wetted components:	Viton, POM, stainless steel, PE, NBR, zinc, PP



J1500451 Electric Fuel Transfer Pump

This robust self-priming vane diesel pump delivers up to 45L/m. The pump motor is continuously rated with a thermal cut-out, supplied with 4mtrs of hose, and delivery nozzle, mechanical meter with a 4 digit resetable totaliser, and 8 digit non resetable totaliser.

FEATURES:

- Medium output - up to 45L/min
- Self priming vane type pump
- Continuous duty cycle
- Thermal overload cut out
- Inlet connection 1"
- Outlet connection 1"
- Meter accurate to +/- 1%
- Supplied complete with 4m of delivery hose and aluminium nozzle

TECHNICAL DATA

Pump output:	45 L/min
Voltage:	230v
Inlet connection:	1"
Outlet connection:	1"
Hose length:	4 mtr
Mechanical meter:	1581400
IP rating:	IP45



J1500450 Electric Fuel Transfer Pump

This robust self-priming vane type diesel pump is housed in its own neat and compact cabinet, and delivers up to 45L of diesel per min. The pump motor is continuously rated with a thermal cutout, the unit is supplied with 4mtrs of hose, delivery nozzle, mechanical meter with a 4 digit resetable totaliser and 8 digit non resetable totaliser.

FEATURES:

- Medium output – 45L/min
- Pump and meter housed in painted steel cabinet
- 230v single phase motor with IP45 protection
- Self priming vane type pump
- Continuous duty cycle with thermal overload cut out
- Meter accurate to +/- 1%
- Supplied complete with 4mtr of delivery hose and automatic nozzle
- Inlet connection 1"
- Outlet connection 1"

TECHNICAL DATA

Pump output:	45 L/min
Voltage:	230v
Inlet connection:	1"
Outlet connection:	1"
Hose length:	4 mtr
Mechanical meter:	1581400
IP rating:	IP45



ZFN34 & ZFN1 Manual Fuel Nozzles



Aluminium fuel nozzle with 3/4" or 1" BSP swivel inlet port. Suitable for use with electric fuel pumps and gravity feed applications. Also includes continuous flow switch for unattended dispensing.

- FEATURES:**
- For use with diesel, kerosene and petrol
 - 160mm Long spout
 - Fitted with continuous flow switch
 - ZFN34 - 3/4" BSP Hose swivel at inlet for increased manoeuvrability
 - ZFN1 - 1" BSP Hose swivel at inlet for increased manoeuvrability



J1789023-1 & J18312002-1 Manual Fuel Nozzles

Constructed in cast aluminium with plastic coated body and handle assembly. Automatically shuts off the flow of fuel when the tank is full (J1789023-1 - green, J18312002-1 - black).

- FEATURES:**
- Flow rate 80 - 120 lpm
 - High, medium and low volume latching facility
 - 1" swivel inlet with 1" spout
 - Suitable for use with petrol or diesel
 - Plastic coated body and handle assembly
 - Automatically shuts off the fuel flow when the tank is full



Not suitable for gravity feed

For up to date information and prices please visit - www.redashe.com



J1789022-1 3/4" Automatic Shut-off Nozzle

Constructed in cast aluminium with plastic coated body and plastic handle assembly. The J1789022-1 automatically shuts off the flow of fuel when the tank is full.

- FEATURES:**
- Flow rate 45-60 lpm
 - 3/4" swivel inlet
 - High, medium and low volume latching facility
 - Suitable for use with petrol or diesel
 - Integral strainer
 - Plastic coated body and plastic handle assembly
 - Automatically shuts off the fuel flow when the tank is full



Not suitable for gravity feed

3/4" & 1" Fuel Nozzle Swivel Fitting

Reduces hose wear and kinking.

- FEATURES:**
- J19640010 - 3/4" BSP (female) - 3/4" BSP (male)
 - J19640040 - 1" BSP (female) - 1" BSP (male)
 - Manufactured in aluminium with Nitrile seal
 - Max. pressure 72.5 psi (5 bar)



For up to date information and prices please visit - www.redashe.com

Break Hose Couplers

Inline breakaway valve designed to be installed between the fuel dispenser and the nozzle. In case of drive-off, breakaway valves allow the nozzle end of the hose to get separated from the dispenser end of the hose. The dual poppets inside the breakaway valve closes when drive off happens, trapping the fuel inside the hose at both ends thereby avoiding fuel spillage and possible damage to the environment.

- FEATURES:**
- Tolerant of pulses and line shocks due to sturdy yet lightweight aluminium design body
 - PVC sleeve provides better grip and handling
 - Designed to pull apart at max. 1500N/350lbs. pull force
 - Small and light weight with minimal flow restriction
 - Suitable for use with diesel and gasoline
 - Wetted components: Aluminium, nylon and Viton

TECHNICAL DATA		
Model	ZBKV34N	ZBKV01N
Size	3/4" NPT	1" NPT
Max flow rate	60 lpm (15.8 gpm)	90 lpm (23.7 gpm)
Max pull force	1500 N / 350 lbs	1500 N / 350 lbs



Fuel Filters

VA Fuel Filter

Fuel filter kit to suit RAPIDFLO and RVP pumps. Includes 10 micron filter and fittings to connect pump.



macnaught

ZFFS10BSP Fuel Filter Spin On Cartridge

High flow fuel filter, complete with 10 micron spin-on style filter cartridge

FEATURES:

- Suitable for use with diesel, gasoline and gasohol
- Aluminum die cast head, vacuum impregnated for leak proof operation
- Inlet and outlet threaded 1" BSP(F)
- Fits spin on cartridges with 1 - 1/2" -16 UNF threads
- Designed for use on both mobile and stationary fuel tanks and on petrol and diesel fuel pumps
- Ideal for use in construction and agricultural applications
- Removes particulate contaminants such as dirt, dust and rust
- Replacement spin-on filter cartridges available as spare (ZFFFS10)
- Not suitable for use with water based products, aviation, fuels, race fuels etc.



GROZ



ZFFL02B Fuel Filter

High flow fuel filter with 10 micron fuel filter element.



FEATURES:

- Suitable for use with diesel fuel and gasoline
- Rust and weather resistant for years of service
- 1" BSP Threaded aluminium inlet/outlet ports
- Maximum working pressure 150psi/10bar
- Translucent polypropylene bowl gives a visual check of the filter element
- Brass drain cock can be operated by a simple turn and releases accumulated water and unwanted contaminants
- Wetted components aluminium, polypropylene, NBR, steel, paper element, nylon, brass
- Not suitable for use with water based products, aviation fuels and race fuels

GROZ

ZFE10 Filter Element

Replacement fuel filter element 10 microns.

FEATURES:

- Suitable for use with diesel fuel and gasoline
- Wetted components aluminium, polypropylene, NBR, steel, paper element, nylon, brass
- Not suitable for use with water based products, aviation fuels and race fuels

GROZ



ZFEWB Water Block Filter Element

Replacement water block filter element that separates water from fuel.

FEATURES:

- Suitable for use with diesel fuel and gasoline
- Not suitable for use with water based products, aviation fuels and race fuels

DM100 Mechanical Fuel Meter

Suitable for diesel, kerosene and petrol, the DM100 is specifically designed for the accurate measurement of fuels in non-resale applications. Manufactured from corrosion resistant materials the DM100 uses oval gear technology to deliver 1% accuracy with low pressure drop making it suitable for gravity and pumped applications at up to 80 litres per minute. The mechanical register, which can be rotated in 90 degree steps, features a 6 digit non-resettable and 4 digit push button resettable display.

FEATURES:

- In-built wire mesh strainer
- Rotatable large digit mechanical display
- 10 year guaranteed parts availability

TECHNICAL DATA

Materials:	Aluminium, zinc plated carbon steel, nitrile, viton
Accuracy:	+/- 1% of reading
Flow range:	3-80 litres per min.
Max. pressure:	50psi / 3.45bar
Register/totaliser:	0-999,999 litres
Register/reset:	0-999.9 litres
Max. temp:	80°C (176°F)
Inlet/outlet thread:	1" BSP (F) (NPTF option available)
Dimensions:	134mm (W) x 118mm (H) x 121mm (D)
Weight:	1.2kg



J1581400 Mechanical Fuel Meter

This mechanical fuel meter has a flow rate of 20-120 ltrs per minute, with a resettable 4-digit totaliser, and a non-resettable 8-digit totaliser, which registers up to 9,999,999.9 Litres. Made with an aluminium metering chamber with polybutylene disc. Suitable for use with diesel, water and oils up to SAE 85.

FEATURES:

- Aluminium-metering chamber with polybutylene nutating disk
- Flow rate 20 - 120ltrs per minute (5-30gpm)
- 1" inlet / outlet
- Accuracy +/-1%
- Maximum working pressure 3.5 bar / 50psi
- 4-digit readout, with 8-digit non-resettable totaliser
- Display can be rotated in 90° stages
- Suitable for use with diesel, water and oil up to SAE85
- The mechanical register can be rotated in 90 degree steps

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ZFM100 Mechanical Fuel Meter

The ZFM100 is a nutating disc meter that is suitable for diesel, petrol, bio-diesel and low to medium viscosity oils. Can be used with both electric fuel pumps and gravity flow systems with a minimum gravity head of 4ft.

- FEATURES:**
- Robust aluminium die cast construction
 - 3 Port design which allows the meter to be fitted in-line or with inlet and outlet ports to be at right angles
 - Nutating disc mechanism offer high tolerance to fuel contamination
 - Suitable for both pump and gravity flow systems
 - Rotatable large digit mechanical display
 - Easy user recalibration

TECHNICAL DATA	
Flow rate:	15 to 75 l/min (4 to 20 g/min)
Accuracy:	+/- 1% (of reading)
Repeatability:	+/- 0.50%
Max. working pressure:	50 psi (3.5 bar)
Working temp range:	-10°C to 65°C (14°F to 150°F)
Max. resettable batch total:	999.9 litres
Max. Non resettable totaliser:	99999.9 litres
Port Size:	Inlet/outlet 1" BSP Female
Meter Dimensions:	135mm(W) x 105mm(H) x 150mm(D)



IM Series Oil Meters

IM012M-01 (MECHANICAL) / IM012E-01 (LCD) / IM019E-01 (LCD)

The IM012M-01;IM012E-01; and IM019E-01 high pressure, positive displacement-type meters have been designed specifically to dispense lubricating oils, diesel and kerosene. Suitable for all in-line and end-of-line applications and features a rugged and robust register with integrated electronics and large LC display. IM012M-01 has a mechanical register.

- FEATURES:**
- Robust aluminium construction
 - Fully sealed against dust and water splash
 - Protective boot on register
 - 10 year warranty on all models
 - 10 year parts availability



TECHNICAL DATA			
	IM012M-01	IM012E-01	IM019E01
Wetted components:	Aluminium, hardened steel, nitrile (NBR), Delrin (Acetal)	Acetal (suitable with oils), aluminium, nitrile (NBR), mild steel	PEI resin, aluminium, nitrile (NBR), mild steel
Accuracy:	+/- 1% of reading	+/- 0.5% of reading	+/- 0.5% of reading
Flow range:	1-30 L/min (0.26-8 US gal/min)	1-30 L/min (0.26-8 US gal/min)	3-60 L/min (0.8-15.8 US gal/min)
Max. working pressure:	10350kPa (1500psi, 103.5 bar)	10350kPa (1500psi, 103.5 bar)	10350kPa (1500psi, 103.5 bar)
Operating temperature:	-5°C (23°F) TO 50°C (122°F)	5°C (41°F) TO 55°C (131°F)	5°C (41°F) TO 80°C (176°F) for IM75P
Inlet port:	1/2" NPT or 1/2" BSP Female	1/2" NPT or 1/2" BSP Female	3/4" BSP Female
Outlet port:	1/2" NPT or 1/2" BSP Female	1/2" NPT or 1/2" BSP Female	3/4" BSP Female
Weight:	470g	430g	980g

ZOM20 Digital Oil Meter

High-pressure positive displacement meter suitable for in-line and end of line applications. Recommended use with oils that has a viscosity up to 5000 cSt, diesel and bio-diesel.

- FEATURES:**
- Oval gear mechanism for optimum accuracy
 - Robust aluminium die cast construction
 - Electronic display using two 1.5v batteries
 - Easy user recalibration

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TECHNICAL DATA	
Flow Rate:	1 to 30 l/min (0.3 to 8 g/min)
Accuracy:	+/- 1% (of reading)
Repeatability:	+/- 0.30%
Max. Working Pressure:	1000 psi (70 bar)
Working Temp Range:	-10°C to 65°C (14°F to 150°F)
Water Resistance:	IP55
Inlet / outlet:	1/2" BSP female



ZFM2000 Digital Turbine Flow Meter

Digital turbine meter for low viscosity fluids, easy to install in line or for end of line applications.

- FEATURES:**
- Polyamide turbine measuring mechanism
 - Electronic display using one 3v CR2450 battery
 - Aluminium body and sealed electronic card making it suitable for use in severe weather conditions (IP55)
 - Display can be rotated in 4 different positions
 - Bi-Directional – Either ports can be used as inlet / outlet
 - Measures in litres, quarts, pints and gallons
 - Easy user re-calibration
 - Ports: 1"bsp female
 - Recommended use: diesel, gasoline, bio-diesel, windshield fluid and water
 - Not suitable for oil
 - Wetted components: aluminium, polyamide and stainless steel



TECHNICAL DATA	
Flow rate:	4-120lpm / 1-30gpm
Accuracy:	+/-1%
Repeatability:	+/-0.25%
Max. working pressure:	150psi / 10bar
Water resistance:	IP55
Working temp range:	-20°C - 70°C
Max resettable total:	99,99,999
Max non-resettable total:	99,99,999
Max Viscosity:	5cst

MX Series Flowmeters

The new generation of Macnaught flow meters, the MX series, is the revolutionary result of over 47 years' experience applying positive displacement flow metering technology to a variety of industries; all of which insist upon durability, reliability and excellence in performance. Incorporating oval gear technology, the MX series is a range of positive displacement flow meters specifically designed to withstand the rigours of the typical industrial environment, without compromising overall performance. Ranging from sizes 1/4" - 4", and suitable for flow rates from 0.5 LPH to 1200 LPM, the MX series offers a complete range of 316 stainless steel and anodised aluminium flow meters to suit most any industrial application. A key feature of the MX series is the revolutionary new M-LOCK mounting system, designed for the quick and easy fitting of a Pulsar or local display module to the flow meter. The unique bayonet style cam is common to all of the modules, enabling the customer to fit any one of the 6 output options to anyone of the MX flow meter models. Simply a 1/4 turn locks the module into place, and it is immediately ready for service.

- FEATURES:**
- Oval gear positive displacement technology
 - Accuracy +/-0.5%
 - Suitable for lubricants, fuels and chemicals
 - Available for flow ranges from 0.5LPH to 1200LPM
 - Pipe sizes from 1/2" to 4" with BSP and flange connections
 - Electronic display options
 - Pulse output and 4-20mA output models
 - Multiple construction material options
 - Pressure, temperature and viscosity options



Model reference	Nominal size	Flow range
006	1/4"	0.5-100 lph / 0.13-26.4 gph
009	1/4"	15-500 lph / 4-132 gph
012	1/2"	2-30 lpm / 0.5-8 gpm
019	3/4"	3-80 lpm / 0.8-21 gpm
025	1"	6-120 lpm / 1.6-32 gpm
040	1 1/2"	10-250 lpm / 2.64-66 gpm
050	2"	15-550 lpm / 4-146 gpm
075	3"	20-733 lpm / 5-194 gpm
100	4"	120-1200 lpm / 31.7-317 gpm

The Macnaught MX Series Interchangeable M-Lock Mounting System



To help identify the correct meter for your application, please visit Macnaught's 'MX selection tool' http://www.macnaughtflowmeasurement.com.au/mx_selection_tool/



For up to date information and prices please visit www.redashe.com

ZPLP02 Lever Adblue Pump

Lever action barrel pump for Adblue, antifreeze, detergents, pesticides and high viscosity oils. Supplied with suction tube and 2m discharge hose.

- FEATURES:**
- Pump outlet is fitted with an air vent cap, which when loosened breaks the siphon action
 - Supplied complete with suction tube for use with 50-205ltr drums and 2m 3/4" flexible corrugated discharge hose
 - Wetted components: polyacetal, polypropylene, polyethylene, viton
 - For use with: Adblue, water based media, detergents, soaps, antifreeze, windscreen washer, hydraulic oils, herbicides and pesticides
 - Do not use with: Any media not compatible with materials used in the pump construction. These pumps must not be used for fuel transfer or with solvent thinners etc.

For up to date information and prices please visit - www.redashe.com



ZABN34 3/4" Adblue Nozzle

- FEATURES:**
- For use with DEF, Adblue, Urea, windshield fluids and other water based media
 - Nylon construction with stainless steel internal parts and Viton seal
 - Nozzle spout with notches to avoid the gun from slipping from the tank during delivery
 - Hose barb 3/4" (20 mm) at inlet
 - Manual control. Also includes continuous flow switch for unattended dispensing
 - Designed for minimal back pressure and reduction in flow
 - Flow rate up to 90ltr per minute, max pressure up to 5 bar, temperature up to 60°C

TECHNICAL DATA

Inlet: 3/4" (20 mm) hose barb
Spout diameter (OD): 3/4" (18.8 mm)
Spout diameter (ID): 0.57" (14.6 mm)
Wetted components: Nylon (Nylon 6, 30% glass filled), stainless steel, viton



ZFCNASSS34 Automatic Stainless Steel Adblue Nozzle with Swivel

Stainless steel automatic nozzle suitable for use with Adblue pumps.

- FEATURES:**
- Automatically shuts-off flow when the vehicle tank is full
 - Heavy duty stainless steel (S304) cast body with polyamide cover
 - Built in stainless steel swivel for ease of use
 - Flow rate upto 45lpm (11.9gpm)
 - Working temperature range -10°C to 50°C (14°F to 122°F)
 - Max. working pressure 50 PSI (3.5 bar)
 - Inlet 3/4" (20mm) hose barb

Recommended Use: Water based media, Urea, Adblue, E85 and DEF.



J17210241 Lever Adblue Pump

Lever action barrel pump for adblue, antifreeze, mild detergents, windshield washer.

- FEATURES:**
- Supplied complete with suction tube for use with 50 - 205ltr drums and 1.2m 3/4" flexible discharge hose
 - Comes complete with ZDBC - Drum bung converter Trisure/Valorex
 - Delivers approx. 500cc per stroke
 - Wetted components: Polypropohylene, polyethylene, Acetal
 - For use with: Urea/DEF, water, lubricants, windshield washer fluid, antifreeze, mild detergents, agricultural chemicals.
 - Do not use with: Any media not compatible with materials used in the pump construction. These pumps must not be used for fuel transfer or with solvent thinners etc.



ZGRAVAD4 & ZGRAVAD6 IBC Gravity AdBlue Dispensing Kit

Designed specifically for use to dispense adblue from IBCs using the bottom outlet connection. Comes complete with all fittings and connections required. Each kit includes a swivelling S60x6 female buttress IBC adaptor (making installation easy), ZABN34 adblue nozzle and 4m or 6m hose.

- FEATURES:**
- ZGRAVAD4: 4m Hose
 - ZGRAVAD6: 6m Hose



ZPAOP1 Air Operated Adblue Transfer Pump

ZPAOP1 (Pump Only) / ZPAOP1H (Pump Kit)



The ZPAOP1H is an air operated AdBlue transfer pump. Includes air regulator and telescopic suction tube for use with 15-55 gal. (50 - 205 litre) drums. Includes 2 metre PVC hose (3/4" ID), nylon body dispensing nozzle, 2 hose clamps. Also available as pump only ZPAOP1.

- FEATURES:**
- Suitable for use with oil, antifreeze, water, DEF, Adblue, urea, windshield fluids, pesticides and herbicides.
 - Comes complete with check valve, 2m PVC hose, air regulator and dispensing nozzle
 - Complete with a telescopic suction tube to suit from 50 to 205ltr drums
 - Dispenses up to 30 ltrs per minute

TECHNICAL DATA

Working pressure:	2-7 bar (30-100 PSI)
Max. air inlet pressure:	7 bar (100 PSI)
Max. air outlet pressure:	3 bar (45 PSI)
Air consumption:	125 LPM (4.40CFM)
Max. pump discharge:	30 LPM (8 GPM) @ 7 bar (100 PSI) air pressure
Air inlet connection:	1/4" (F)
Pump outlet:	3/4" (19.5mm) dia.
Pump inlet:	1" (F)
Noise level:	78 db.
Max. temp of media being pumped:	60°C (140°F)
Max. viscosity of media being pumped:	SAE 50 / ISO220



J10302500 / J10302504 Adblue IBC Pump Kits

30v AdBlue IBC mount kit, designed for indoor use and to be operated in conjunction with 1000 litre IBC containers

- KIT CONTENTS:**
- Powder coated steel bracket
 - 230v self priming membrane pump (25LPM)
 - Manual or auto nozzle
 - 1.5m suction hose and 6m delivery hose
 - Turbine digital flow meter (J10302504 only)
 - SEC connection (top suction connector)



J10302500



J10302504



Part No.	Voltage	Suction hose	Delivery hose	Nozzle	Flow meter	Hose tails and clamp	IBC mounting bracket	SEC connection
J10302500	230v	1.5m	6m	Manual	No	Yes	Yes	Yes
J10302504	230v	1.5m	6m	Auto	Yes	Yes	Yes	Yes

ZWM2000 Digital DEF Turbine Flow Meter

Digital turbine meter with Polypropylene construction, designed especially for use with DEF (Diesel Exhaust Fluid), water etc.



- FEATURES:**
- Polyamide turbine measuring mechanism
 - Electronic display using one 3v CR2450 battery
 - Polypropylene body and sealed electronic card making it suitable for use in severe weather conditions (IP55)
 - Display can be rotated in 4 different positions
 - Bi-Directional – Either ports can be used as inlet / outlet
 - Measures in litres, quarts, pints and gallons
 - Easy user re-calibration
 - Ports: 1"bsp female
 - Recommended use: Urea, AdBlue, DEF, windshield fluids, water and water based media
 - Not suitable for fuels and oil
 - Wetted components: polypropylene, polyamide and stainless steel

TECHNICAL DATA	
Flow Rate:	4-120lpm / 1-30gpm
Accuracy:	+ / -1%
Repeatability:	+/-0.25%
Max. working pressure:	150psi / 10bar
Water resistance:	IP55
Working temp. range:	-20°C - 70°C
Max. resettable batch total:	99,99,999
Max non-resettable total:	99,99,999
Least count/resolution:	0.001 units

ZCMX Coolant/Liquid Mixers

The Groz coolant/liquid mixers use a rotary disc valve which is precision CNC machined from stainless steel and is highly accurate. The compact construction and minimal parts makes them easy to install, highly reliable and virtually maintenance free, whilst providing easy and fast adjustment. Common applications are mixing liquid coolant concentrate and detergents with water for supply to machines.



- FEATURES:**
- Lightweight aluminium body
 - Driven by pressure from water supply
 - Includes full flow brass ball valve and also fitted with 2 back flow preventers
 - Adjustment of mixing ratio is variable and controlled through a simple turn of the knob
 - Suitable for use with 205ltr drums

TECHNICAL DATA			
Model	Application	Mixing ratio	Capacity
ZCMX1	Metal working fluids	0 to 11%	1100 litres per hr
ZCMX2	Soap solutions	0 to 57%	1250 litres per hr
ZCMX3	Metal working fluids	0 to 9%	1100 litres per hr

For up to date information and prices please visit - www.redashe.com

Air Filters and Regulators

Our filter and regulator assemblies are designed to regulate the air pressure as well as remove dust, dirt and moisture from the air. Suitable for workshop air supply set ups.

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TECHNICAL DATA					
	JAR2000	JAF2000	JBR4000	JBC4000	JBFC4000
Operating fluid	Air	Air	Air	Air	Air
Adjustable pressure range	0.5 - 8.5 bar	0.5 - 8.5 bar	0.5 - 8.5 bar	0.5 - 8.5 bar	0.5 - 8.5 bar
Max working pressure	15 bar	15 bar	9.5 bar	9.5 bar	9.5 bar
Inlet/outlet	1/4" BSP	1/4" BSP	1/2" BSP	1/2" BSP	1/2" BSP
Temp range	5-60°C	5-60°C	5-60°C	5-60°C	5 - 60°C
Suggested lubricant	N/A	ISO VG32 or same grade oil	N/A	ISO VG32 or same grade oil	ISO VG32 or same grade oil
Material (body) cup	Die cast aluminium PE	Die cast aluminium PE	Die cast aluminium PE	Die cast aluminium PE	Die cast aluminium PE
Capacity of oil cup	N/A	25cc	N/A	60cc	60cc
Capacity of filter cup	N/A	15cc	N/A	90cc	90cc

Mounting Brackets



ZA2C01 / ZA2C03

The mounting brackets are made out of steel in a powder coated finish. The mounting bracket has a hole which the regulator fits in and is secured by the nut provided in the regulator itself.

FEATURES:

- ZA2C01 - Mounting bracket for 1/4" filters suitable for the ZAR14 and ZFR14
- ZA2C03 - Mounting bracket for 1/2" filters suitable for the ZAR12 and ZFR12



ZAR14 / ZAR12



Maintains steady outlet pressure, unaffected by variations / fluctuations in the inlet pressure.

FEATURES:

- Supplied complete with pressure gauge
- Aluminium die cast construction with a non-raising "Press to Lock" adjusting knob for locking at any set pressure
- Can be installed in any position (horizontal / vertical)
- Max. pressure 220PSI (15 bar)
- ZAR14 1/4" BSP (F) inlet/outlet port size
- ZAR12 1/2" BSP (F) inlet/outlet port size
- Optional mounting bracket for ZAR14 and ZFR14 (1/4") ZA2C01
- Optional mounting bracket for ZAR12 and ZFR12 (1/2") ZA2C03

TECHNICAL DATA		
	ZAR14	ZAR12
Maximum flow rate	21 CFM (600 LPM)	140 CFM (4000 LPM)
Pressure adjustment range	7 to 145 PSI (0.5 to 10 bar)	7 to 145 PSI (0.5 to 10 bar)

ZFR14 / ZFR12 Filter Regulator Combination

Compact combination unit for removing contaminants and moisture from compressed air in addition to regulating air pressure.

FEATURES:

- Supplied complete with pressure gauge
- Regulator has a non-raising "Press To Lock" adjusting knob for locking at any set pressure
- Filter is designed with a separator and shield for efficient moisture separation
- Semi automatic drain
- Max. pressure 145PSI (10 bar)
- ZFR14 1/4" BSP (F) inlet /outlet port size
- ZFR12 1/2" BSP (F) inlet /outlet port size
- Optional mounting bracket for ZAR14 and ZFR14 (1/4") ZA2C01
- Optional mounting bracket for ZAR12 and ZFR12 (1/2") ZA2C03

TECHNICAL DATA		
	ZFR14	ZFR12
Maximum flow rate	20 CFM (550 LPM)	106 CFM (3000 LPM)
Pressure adjustment range	7 to 145 PSI (0.5 to 10 bar)	7 to 145 PSI (0.5 to 10 bar)
Filtering element	Sintered bronze (40 micron)	Sintered bronze (40 micron)
Drain type	Semi automatic	Semi automatic

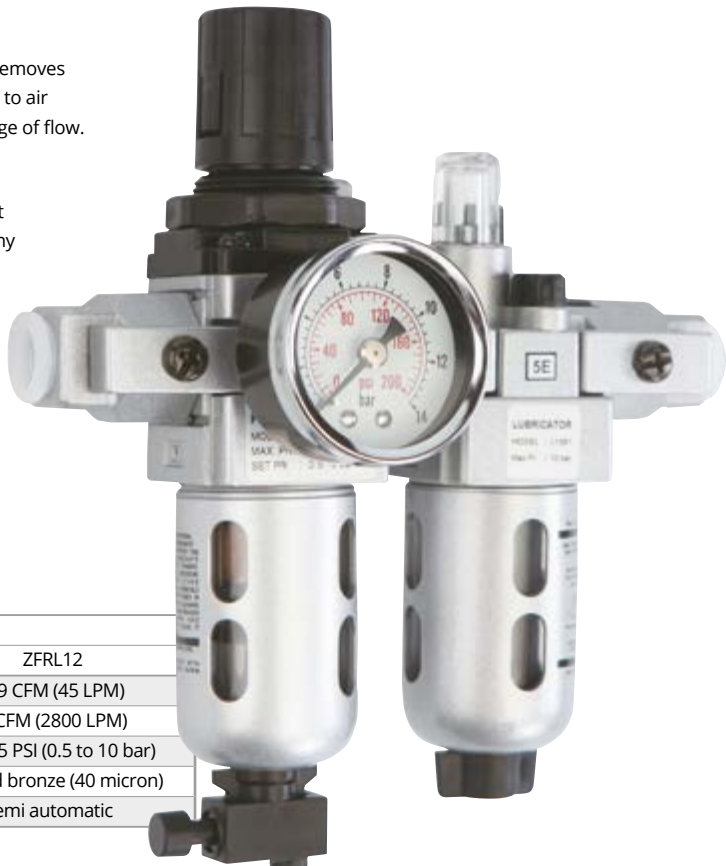


ZFRL14 / ZFRL12 Filter Regulator and Lubricator

Space saving 2 pc modular filter-regulator combination and lubricator. Filter removes contaminants and moisture from compressed air. Lubricator feeds lubricants to air operated equipment maintaining a constant oil-to-air density over a wide range of flow.

FEATURES:

- Supplied complete with pressure gauge, bowl guard and mounting bracket
- Regulator has a non-raising "Press To Lock" adjusting knob for locking at any set pressure
- Oil drop indicator
- Semi automatic drain
- Max. Pressure 145PSI (10 bar)
- ZFRL14 1/4" BSP (F) inlet/outlet port size
- ZFRL12 1/2" BSP (F) inlet/outlet port size



TECHNICAL DATA		
	ZFRL14	ZFRL12
Minimum flow rate	0.42 CFM (12 LPM)	1.59 CFM (45 LPM)
Maximum flow rate	18 CFM (500 LPM)	99 CFM (2800 LPM)
Pressure adjustment range	7 to 145 PSI (0.5 to 10 bar)	7 to 145 PSI (0.5 to 10 bar)
Filtering element	Sintered bronze (40 micron)	Sintered bronze (40 micron)
Drain type	Semi automatic	Semi automatic

ZSBG Safety Blow Guns

A unique range of safety blow guns that offer maximum blowing force with minimal air consumption.

FEATURES:



- Impact and weather resistant body
- Corrosion resistant stainless steel nozzle and parts
- Ergonomic design with soft rubber grip that helps eliminate the risk of carpal tunnel syndrome
- Brass threaded air inlet ensures that threads do not shear with repeated use
- Variable speed trigger for full control of amount of air dispensed
- Silent operation with noise level under 80db. Conforms to OSHA STD 1910-95 (b) for max. Noise level when used with air with 6 bar (90 PSI) pressure
- Confirms to OSHA STD 1-13.1 for safety and are classified as safety blow guns
- Operating pressure 3.5 bar to 16 bar (50 PSI to 235 PSI)
- Operating temperature - 10°C to 70°C (14°F to 158°F)



TECHNICAL DATA				
Part No.	Description	Noise level at 100 PSI	Blowing force at 100 PSI	Air consumption at 100 PSI
ZSBG1	Air blow gun with snub nose rubber tip (OSHA ok)	77db	0.26kgs / 0.57lbs	15.89 CFM
ZSBG2	Air blow gun with stainless steel nozzle (OSHA ok)	80db	0.35kgs / 0.76lbs	15.18 CFM
ZSBG3	Air blow gun with stainless steel nozzle and silencer (OSHA ok)	75db	0.31kgs / 0.68lbs	13.42 CFM

Extended Reach Air Blow Guns

ZABG3A14FBSP / ZABG3B14FBSP



ZABG3B14FBSP
Nozzle length 508mm

ZABG3A14FBSP
Nozzle length 330mm

For up to date information and prices please visit - www.redashe.com

FEATURES:

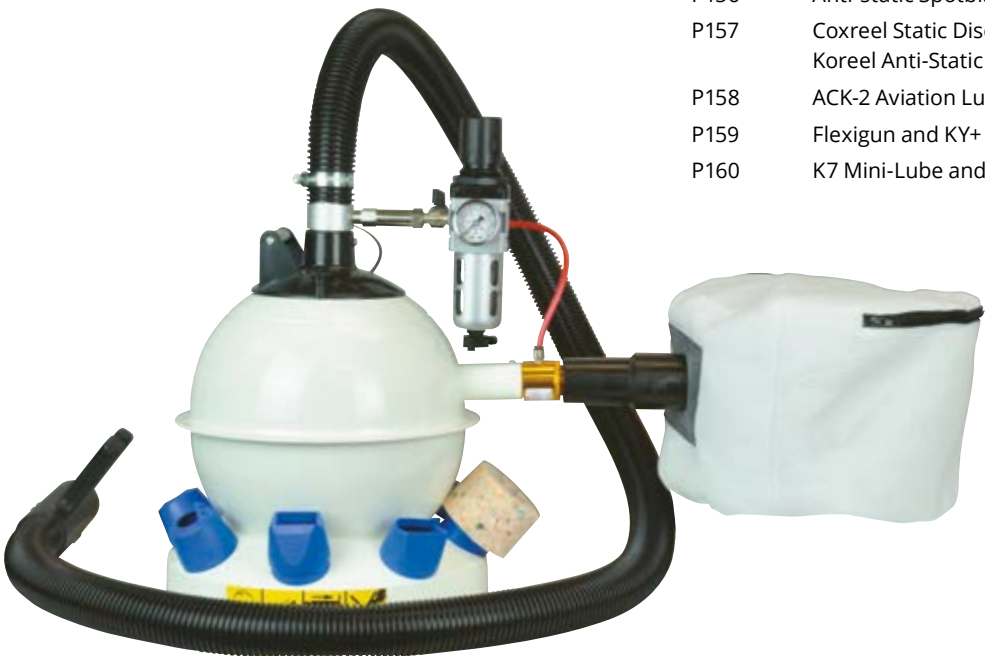
- Impact and weather resistant body
- Corrosion resistant stainless steel nozzle and parts
- Ergonomic design with soft rubber grip that helps eliminate the risk of carpal tunnel syndrome
- Brass threaded air inlet ensures that threads do not shear with repeated use
- Variable speed trigger for full control of amount of air dispensed
- Silent operation with noise level under 80db. Conforms to OSHA STD 1910-95 (b) for max.noise level when used with air with 6 BAR (90 PSI) pressure
- Confirms to OSHA STD 1-13.1 for safety and are classified as safety blow guns
- Operating pressure 3.5 bar to 16 bar (50 PSI to 235 PSI)
- Operating temperature - 10°C to 70°C (14°F to 158°F)
- Inlet 1/4" BSPF
- Female brass inlet thread: 1/4" BSPF

TECHNICAL DATA				
Part No.	Description	Noise level at 100 PSI	Blowing force at 100 PSI	Air consumption at 100 PSI
ZABG3A14FBSP	Air blow gun with stainless steel nozzle 330mm (OSHA ok)	80 db	0.32 kgs / 0.70 lbs	15.26 CFM
ZABG3B14FBSP	Air blow gun with stainless steel nozzle 508mm (OSHA ok)	77 db	0.26 kgs / 0.57 lbs	12.46 CFM



AVIATION

- P156 Anti-static Spotblaster
- P157 Coxreel Static Discharge Cable Reel
Koreel Anti-Static Grounding Reel
- P158 ACK-2 Aviation Lubrication Accessory Kit
- P159 Flexigun and KY+ Grease Coupler
- P160 K7 Mini-Lube and P3 Power Lube



NAS1650-RJ20S Anti-Static Spotblaster

- FEATURES:**
- Light weight, compact and highly portable
 - Positive seal on most surfaces. No leakage
 - Media recycling system with ferrous separator
 - Robust and simple to use
 - Highly cost effective



Initial experience gained in rust control in the automotive field with a spot blaster system has led to Redashe's development of a specially-adapted Anti-Static Spot Blaster to cope with aircraft corrosion.

The equipment, an air-powered closed system device, is the result of close co-operation with the RAF.

It can be used almost anywhere on an aircraft, even in the most inaccessible areas, such as inside wings. Precise blasting pressure control ensures that no panel damage occurs. Every trace of corrosion is removed safely and cleanly by the Spot Blaster. It can also be used to strip paint from small areas on metal and composite materials leaving a perfectly clean etched surface for excellent adhesion.

Unlike conventional methods, spot blasting exposes weaknesses in metal surfaces where corrosion may have penetrated deeply into the metal.

The Redashe Anti-Static Spot Blaster uses a mixture of compressed air (from the standard workshop air supply) and blasting media, which is shot out of a long lasting tungsten carbide blasting nozzle onto the corroded part of the aircraft. A range of flexible rubber nozzles matches the surface contours to prevent dust leakage. An inbuilt air mover pulls back the used media, recycles it and any waste is taken out to a dust bag.

The anti-static design use's special hoses and earth cables to reduce the amount of potentially dangerous static electricity. This obviates the risk of explosion where flammable solvents and fuel are present.

All blasting media is recycled and cleaned within the unit. Ferrous particles are removed with a magnetic separator. Fine glass beads are employed for light surface corrosion and general polishing, aluminium oxide is used for heavier intergranular corrosion on aluminium or corrosion on ferrous fasteners. MoD and Nato approved, the Redashe Anti-Static Spot Blaster is already in airline service with such operators as British Airways, Qantas and Thai Airways. Units are also extensively used by the RAF, RNAS and elsewhere. The Spot Blaster is employed by several leading vintage aircraft restoration companies, the Marine Builders Training Trust, and Formula One racing teams.

Applications for this specialist equipment also extend to offshore oil rigs for cleaning stainless steel welds.

The Redashe Anti-Static Spot Blaster represents a highly cost-effective investment in defeating the curse of corrosion and making this essential task both simple and effective.



NATO/MOD STOCK
REF: 4A/4940-99-0516993

SD Static Discharge Spring Rewind Cable Reels

Redashe SD reels provide convenient storage of static grounding cable with fast payout and automatic spring rewind. Designed for safe and reliable grounding of vehicles, aircraft and other equipment requiring static bonding. These heavy duty reels are supplied complete with 35', 50', 75' or 100' of orange vinyl covered galvanised steel cable. Finished in a durable coating of blue baked powder paint all models feature a multi-position rewind guide arm and latching of cable at any length.

- FEATURES:**
- Heavy duty construction
 - Fully automatic spring rewind
 - Non-sparking latching mechanism
 - 4mm galvanised steel cable with high-visibility orange vinyl cover
 - 50 amp grounding clamp
 - Multi-position rewind guide arm
 - 1" solid steel axle
 - Durable blue powder coat finish
 - Cartridge style spring motor
 - Zinc plated current path
 - Maximum resistance 2.6 ohm (SD-100)



Model reference	Cable		Max resistance	Size index
	Length (m)	O.D.		
SD-35	10.5	4mm	1.0 ohm	1
SD-50	15	4mm	1.3 ohm	1
SD-75	23	4mm	2.0 ohm	2
SD-100	30	4mm	2.6 ohm	2

Size index	Reel dimensions (mm)			Appx weight inc. cable
	W	H	D	
1	102	305	279	10 kg
2	102	381	368	15 kg

Static Grounding Reel

The Redashe CCER series, static grounding reel provides convenient storage of grounding cable with fast payout and automatic spring rewind. Designed for safe and reliable grounding of vehicles, aircraft and other equipment requiring static bonding. This series come supplied with 20m of coated galvanised steel cable and are finished in our highly visible and durable yellow powder coated finish.

- FEATURES:**
- Heavy duty steel construction
 - Fully automatic spring rewind
 - Supplied with coated galvanised cable
 - 50 amp grounding clamp supplied as standard
 - Latching of cable at any length
 - Factory lubricated main spring assembly
 - 20m capacity
 - Ideal for use with refuelling reels
 - 2 year manufacturers warranty



For up to date information and prices please visit - www.redashe.com

Model	Cable		Max resistance	Reel dimensions (mm) W x D x H	Weight (kg)
	Length	O.D.			
CCER-320-1	20m	3mm	2.0 ohm	107 x 240 x 273	7



ACK-2 Aviation Lubrication Accessory Kit

The ACK-2 kit is designed for use with the Macnaught manually operated "Mini-lube", "Super-lube" and air operated "Power-lube", "Maxi-lube" lubricators. These lubricators provide greasing pressures of up to 10,000 psi (69 MPa) and provide single-hand operation. The kit can also be used with other makes of quality grease guns with a standard grease coupler.

Use of the ACK-2 kit ensures positive, professional class greasing of small to large aircraft both civil and military.

The kit provides accessories specially designed for greasing extremely difficult access areas such as flap-tracks, ailerons and landing gear.

All kit items have been fully tested and approved. They are now in regular use by the Royal Air Force, U.S. military forces and commercial airlines. The kit is housed in a heavy duty carrying case which provides the means for a quick sight-check of all contents.



macnaught

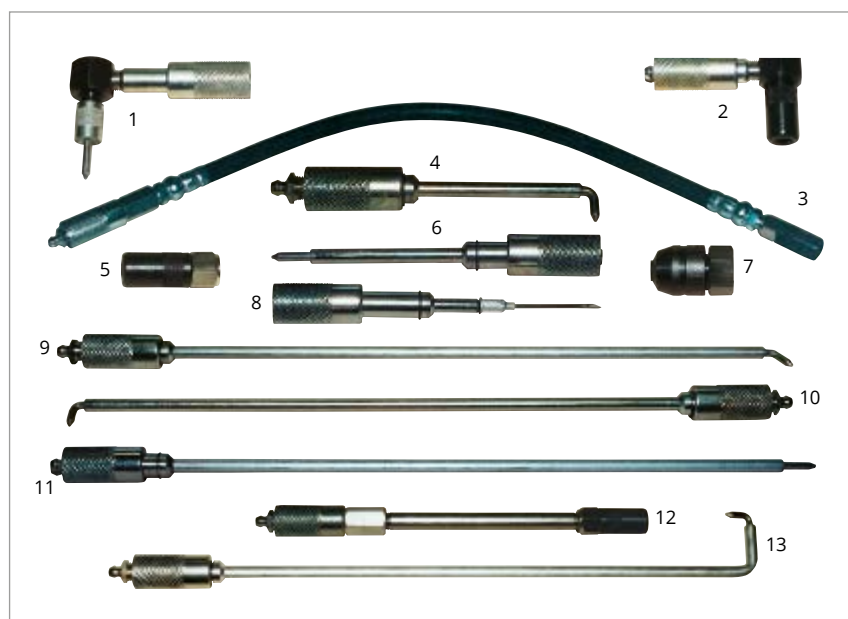
**NATO
APPROVED**

Nato stock number:
4930-01-105-9923

EACH KIT CONTAINS

1. KDN Right angle needlepoint coupler
2. KDR Right angle coupler
3. KDF21 21" (53cm) flexible extension
4. KZSNR 90° needlepoint coupler
5. KY Standard replacement coupler
6. KZDXL Straight needlepoint coupler
7. J65 Filler nozzle adaptor
8. KZHY Hypodermic needlepoint coupler
9. KZLN45 12" (30cm) 45° needlepoint coupler
10. KZLNR 12" (30cm) 90° needlepoint coupler
11. KZLNS 12" (30cm) straight needlepoint coupler
12. KDE8 8" (20cm) rigid extension
13. KZLNJ 12" (30cm) 'J' needlepoint coupler

All kit pieces are available individually for replacement or specific applications



K29 / K32 Flexigun

K29 450GMS (cartridge or bulk fill)
K32 400GMS (cartridge or bulk fill)

A unique single hand operated grease gun of superior quality for professionals.

The short stroke operation delivers 68,900 kPa / 10,000 PSI / 690 bar whilst the flexible extension allows you to access nipples that are normally hard to reach. The Flexigun can be filled by one of three ways: cartridge, bulk or J3 grease pump. Zinc versions of the Flexigun the K29-Z (450gms) and K32-Z (400gms) are available for use in underground mines. This version has the same high performance levels as the Flexigun.

FEATURES:

- Short stroke operation, easily delivers up to 68,900 kPa / 10,000 PSI / 690 bar
- Easy one hand operation
- Flexible outlet with Supergrip KY coupler
- Filling options: bulk, cartridge or J3 grease pump
- Delivers 0.68gm per shot
- Filler/bleeder nipple 1/4" BSP (M)
- Fully repairable
- Suitable for use with greases up to NLGI No. 2



macnaught



KY+ Grease Coupler

The KY+ grease coupler offers a quick and easy release mechanism up to 10,000psi, which reduces the risk of high pressure grease release with its simple snap on-and-off connection

FEATURES:

- Superior safety from internal pressure relief
- Compact design for greater accessibility
- Original floating jaw design for leak free grip
- Built in hydraulic pressure relief
- 1/8" BSP(F) inlet
- 10,000psi max pressure



macnaught

**10
YEAR
WARRANTY**

K7 Mini-Lube

The K7 MINI-LUBE is a portable manual greasing system designed to fit grease pails* from 2.5kg (5lb) to 5kg (11lb) and includes a unique KR grease gun that delivers grease at either high volume or high pressure up to 69,000kPa / 10,000 PSI / 690 bar. When on the high pressure setting blocked grease nipples can be easily cleared. The fully sealed system ensures that your grease is kept free from contamination that destroys bearings and causes expensive down time.

To operate the K7 MINI-LUBE, press the foot plunger. This will prime the pump and provide you with 30 shots of grease through the KR grease gun. The rubber edged follower ensures you use all the grease in the container.

- FEATURES:**
- Two speed KR grease gun delivers up to 69,000kPa/10,000psi/690 bar
 - Spring loaded pump provides 30 shots of grease
 - 1.5m (5ft) Delivery Hose
 - 360° swivel prevents the hose from kinking
 - Rubber edged follower provides wipe down of container walls
 - Fully sealed system keeps grease clean
 - Delivers approx 1.25gms on high volume switch
 - Delivers approx 0.45gm on high pressure switch
 - Suitable for use with greases up to NLGI No. 2 (fits 3kg tin)

The Mini-Lube is also available with a refillable container.
Models K7024 2.5kg (5lb) & K7067 5kg (11lb).

* Note: Custom-made models available for non-UK spec grease pails. UK standard size is 3kg



P3 Power-Lube Air Operated Grease Pump Kit

The Macnaught P3 Power-Lube is the ultimate economical, high pressure air powered greasing system.

With models to suit grease containers from 12.5kg (28lb) to 22kg (48lb) the P3 Power-Lube can operate off any small compressor from 3cfm/.08m3.

At the recommended air pressure of 690kPa / 100 PSI / 7 bar the 50:1 ratio air motor provides fast and continuous greasing at 34,500kPa / 5,000 PSI / 345 bar.

The grease pressure can be boosted to 69,000kPa / 10,000 PSI / 690 bar simply by squeezing the B2 Booster Gun trigger several times.

- FEATURES:**
- Up to 69,000kPa / 10,000 PSI / 690 bar greasing pressure through B2 Booster Gun
 - Non-corroding air motor – quiet operation
 - Air pressure range 400-850kPa / 60-125 PSI / 4-9 bar
 - Rubber edged follower plate provides wipe down of container walls
 - Extra long delivery hose - 4m (13ft) x 6mm (1/4") I.D SAE 100 R2, 1/4" NPT (M)
 - 360° high pressure "Z" type ZSB swivel, 1/4" NPT (F), 1/8" BSP (M)
 - Handles up to NLGI No 2 greases
 - Requires air compressor volume 3cfm/.08m³ and above
 - Delivers 460gms of NLGI No 2 grease per minute
 - Swivel type air inlet 1/4" NPT (F)
 - Optional TR5 trolley for a portable system
 - Redashe stock the standard UK model suitable for use with 12.5kg grease kegs

*Note: Custom-made models available for non-UK spec grease pails.



AUTOMOTIVE

- P162-172 Spray Gun Cleaning Equipment
- P173 Paint and Waste Collectors
- P174 Can Crushers
- p175 Flameproof Heaters
- P176 Antistatic Gun
- P177-186 Paintshop Infra-red and UV Curing Systems
- P187-191 Vehicle Lifts
- P192-194 Wheel Washers
- P195-199 Oil Drainers and Accessories
- P200-203 Worklights
- P204-205 Redashe Floodlights
- P206 Workshop Air Hose Reels
- P207 Tundra and Reelworks Air Hose
- P208-224 Hand Tools



RDG2A Ace Double / RDI2A Ace Double

FOR WATER BASED PAINTS

The Automatic Wash Box provides a compact automatic cleaning area that is supplied by pump fed recirculating water or Aquasolve a second pump is used for the automatic clean rinse. Use the Automatic Wash Box to quickly and efficiently clean waterborne guns automatically. The machine is equipped with a manual cleaning area. This is equipped with a paint channel flush gun for the internals and a flow through brush to clean the externals; after cleaning, our well-tested water recovery system allows the water or Aquasolve to be recycled using a flocculating powder and filters so that it can be reused and disposed of with little to no cost.

FEATURES:

- Automatic washing station, using recirculating waterborne solvent (recommended Drester AquaSolve)
- Sink for manual cleaning, equipped with a paint channel rinse gun using clean water and a flowthrough brush using recycled water.
- The Double A can be ordered with stainless cabinet (RDI2A)
- Ex II 2 G EEx c IIA T6
- Air Purge Line (keeps solvent away from the airside of the gun while being cleaned)
- Extraction capture at source
- Approved by major spray gun manufacturers

TECHNICAL DATA

Air supply:	7-12 bar (110-180 psi), 250 l/min (9 cfm)
Extraction capacity:	200m³/hour (118cfm) (with a 10m extension) this increases the shorter the run
Overall dimensions:	Height: 1488mm (58,58"), Width: 840mm (33.07") Max depth: 675mm (26,7"), Depth at the floor: 621mm (24.45")
Extractor diameter:	100mm (4")
Weight:	80 kg (176 lb)
Sound pressure level:	<70db (A)
Pump capacity LPM:	10
Solvent pressure:	2bar/30psi



RDG4S / RDI4S Ace Quattro

FOR SOLVENT BASED PAINTS

This double capacity machine has all the same features as the ACE Double solvent machine, allowing up to 4 spray guns to be cleaned at the same time, 2 spray guns in the Automatic Wash Box's and 2 manually making this the perfect machine for all large paint shops.

FEATURES:

- Automatic washing station, using re-circulating solvent and clean rinse
- Sink for manual cleaning, equipped with a flow-through brush and clean rinse nozzle
- The Quattro S can be ordered with stainless cabinet (RDI4S)
- Ex II 2 G EEx c IIA T6
- Air Purge Line (keeps solvent away from the airside of the gun while being cleaned)
- Lifetime pump warranty
- Approved by major spray gun manufacturers
- Extraction capture at source

TECHNICAL DATA

Air supply:	7-12 bar (110-180 psi)
Extraction capacity:	360 m³/h (212 cfm) (with a 10m extension)
Overall dimensions:	Height: 1488mm (58,58") Width: 1190mm (46,7") Max depth: 650mm (25,5") Depth at the floor: 621mm (24.45")
Extractor diameter:	100mm (4")
Weight:	100 kg (220 lb)
Sound pressure level:	<70db (A)
Pump capacity LPM:	10
Solvent pressure:	2bar/30psi



RDG2S Ace Double / RDI2S Ace Double

FOR SOLVENT BASED PAINTS

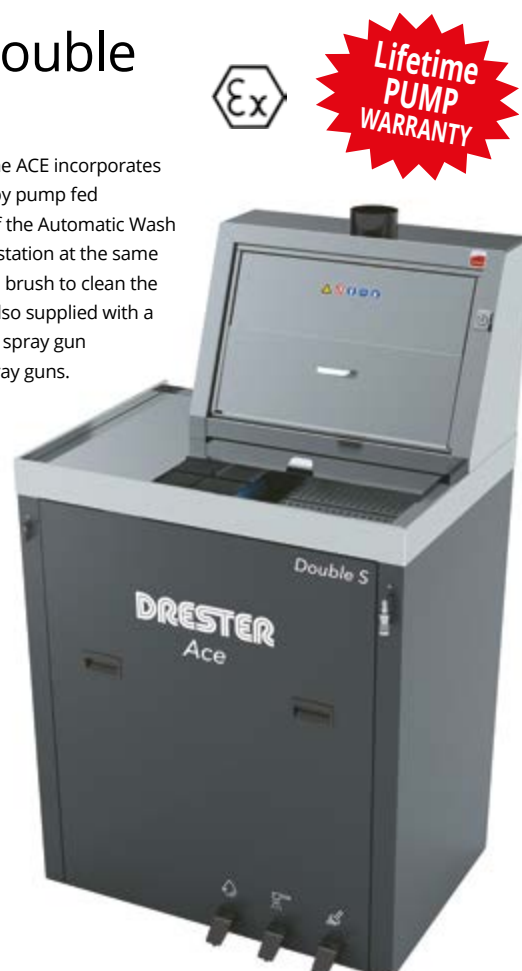
The Ace double solvent is designed to clean solvent spray guns automatically and manually. The ACE incorporates the all-new Automatic Wash Box which provides a compact automatic cleaning area supplied by pump fed recirculating solvent, a second pump is used for the automatic clean rinse. The compact size of the Automatic Wash Box means that manual cleaning of solvent spray guns can also take place in the manual workstation at the same time as solvent guns are being cleaned automatically. The unit is equipped with a flow through brush to clean the externals of the spray gun and a paint channel flush gun for the internal surfaces. The unit is also supplied with a blowgun to dry off the spray guns after cleaning and a spray out facility. As with most Redashe spray gun cleaners they are foot operated which gives hands free capability while handling expensive spray guns.

FEATURES:

- Automatic washing station, using re-circulating solvent with an automatic clean rinse
- Sink for manual cleaning, equipped with a flow-through brush using re-circulating solvent and a spray handle using clean solvent
- Double S can be ordered with a stainless cabinet (RDI2S)
- Ex II 2 G EEx c IIA T6
- Air Purge Line (keeps solvent away from the airside of the gun while being cleaned)
- Lifetime pump warranty
- Approved by major spray gun manufacturers
- Extraction capture at source

TECHNICAL DATA

Air supply:	7-12 bar (110-180 psi), 250 l/min (9 cfm)
Extraction capacity :	200 m³/hour (118 cfm) (with a 10 m extension)
Overall dimensions:	Height: 1488 mm (58,58"), Width: 840 mm (33.07") Max depth: 675 mm (26,70"), Depth at the floor: 621mm (26.7")
Extractor Diameter:	100mm (4")
Weight:	80 kg (176 lb)
Sound pressure level:	<70db (A)
Pump capacity LPM:	10
Solvent pressure:	2bar/30psi



RDG3C / RDI3C Ace Triple Combo

FOR WATER AND SOLVENT BASED PAINTS

The ACE Triple Combo is designed to clean Solvent and Aqua spray guns. The Boxer incorporates the all-new Automatic Wash Box which provides a compact automatic cleaning area which is supplied by pump fed clean and recirculating solvent. The Automatic Wash Box also incorporates the Drester method of installing the spray gun; the new-patented magnetic gun holder allows the spray gun to be positioned quickly and easily in the machine, eliminating the need for multiple extension tubes. The compact size of the Automatic Wash Box means that manual cleaning of solvent spray guns, along with Suction and pressure pots can take place in the manual workstation situated in front of the Automatic Wash Box at the same time as a spray gun is being cleaned. The unit is equipped with a flow through brush to clean the externals of the spray gun and a paint channel flush gun for the internal surfaces the unit. It is also supplied with a blowgun to dry off the spray guns after cleaning and a spray out facility. The waterside of the machine is equipped with a paint channel flush gun for the internals and a flow through brush to clean the externals; after cleaning our welltested water recovery system allows the water or Aquasolve to be recycled using a flocculating powder and filters so that it can be reused and disposed of at lower cost.

FEATURES:

- Automatic washing station, using re-circulating and clean solvent in conjunction with manual clean and re-circulating rinse
- Sink for manual cleaning, equipped with and a flow-through brush and clean rinse nozzle (handheld)
- Aqua sink using a flow through brush with water for the gun externals and a paint channel rinse gun using water for the internals
- The Triple C can be ordered with stainless cabinet (RDI3C)
- Ex II 2 G EEx c IIA T6
- Air Purge Line (keeps solvent away from the airside of the gun while being cleaned)
- Lifetime pump warranty
- Approved by major spray gun manufacturers
- Extraction capture at source

TECHNICAL DATA

Air supply:	7-12 bar (110-180 psi)
Extraction capacity :	200m³/hour (82 cfm) (with a 15m extension) 180m³/hour (118 cfm) (with a 10m extension)
Overall dimensions:	Height: 1488 mm (58,58") Width: 1190 mm (46.85") Max depth: 675mm (26,7") Depth at the floor: 621mm (24.45")
Extractor diameter:	100mm (4")
Weight:	100 kg (220 lb)
Sound pressure level:	<70db (A)
Pump capacity LPM:	10
Solvent pressure:	2bar/30psi



RDG4C / RDI4C Ace Gun Cleaner

FOR WATER AND SOLVENT BASED PAINTS

This machine has all the same features as the Ace Double Solvent & The Ace Double Aqua units combined. Capable of cleaning 4 spray guns at the same time, 1 solvent & 1 Aqua spray guns in the Automatic Wash Box and 1 waterborne and 1 Solvent gun manually makes this the perfect machine for all large paint shops. The ACE Quattro incorporates two of the all-new Automatic Wash Boxes which have been designed to allow quick efficient cleaning of all types of gravity spray gun. The Automatic Wash Boxes provide a compact automatic cleaning area which is supplied by either pump fed recirculating solvent or Aquasolve. The manual function of the machine uses a paint channel flush gun for the internals and a flow through brush to clean the externals; after cleaning our well-tested water recovery system allows the water or Aquasolve to be recycled using a flocculating powder and filters so that it can be reused and disposed of at lower cost. For the solvent look at the Dynamic Triple Solvent Recycling System.



- FEATURES:**
- Auto washing station, using re-circulating solvent and automatic clean rinse
 - Manual sink, equipped with a flow-through brush using recirculating solvent and a spray handle using clean solvent
 - Automatic washing station using re-circulating water-borne solvent (like Drester AquaSolve)
 - Sink for manual cleaning, equipped with a paint channel rinse gun using clean water and a flow-through brush using recycled water
 - The Quattro C can be ordered with stainless cabinet RDI4C)
 - Ex II 2 G EEx c IIA T6
 - Air Purge Line (keeps solvent away from the airside of the gun while being cleaned)
 - Lifetime pump warranty
 - Approved by major spray gun manufacturers
 - Extraction capture at source



Lifetime
PUMP
WARRANTY



TECHNICAL DATA

Air supply:	7-12 bar (110-180 psi)
Extraction capacity:	360 m³/h (212 cfm)
Overall dimensions:	Height: 1488mm (58,58"), Width: 1190mm (46,85")
	Max depth: 675mm (26,7"), Depth at the floor: 621mm (24,45")
Extractor diameter:	100 mm (4")
Weight:	100 kg (220 lb)
Sound pressure level:	<70db (A)
Pump capacity LPM:	10
Solvent pressure:	2bar/30psi



For up to date information and prices please visit - www.redashe.com

RDG2C / RDI2C Ace Double Combo

FOR WATER AND SOLVENT BASED PAINTS

The ACE double combo is designed to clean solvent and aqua spray guns. The ACE gun Cleaner incorporates the all-new Automatic Wash Box, which provides a compact automatic cleaning area, supplied by pump fed recirculating solvent and a manual clean rinse spray. The compact size of the Automatic Wash Box means that manual cleaning of waterborne spray guns can also take place in the manual workstation at the same time, as solvent guns are being cleaned. The unit is equipped with a flow through brush to clean the externals of the spray gun and a paint channel flush gun for the internal surfaces. The unit is also supplied with a blowgun to dry off the spray guns after cleaning and a spray out facility. The waterside of the machine is equipped with our well-tested water recovery system that allows the water or aquasolve to be recycled using a flocculating powder and filters so that it can be reused and disposed of at lower cost. As with most our spray gun cleaners, it is foot operated of which gives hands free capability while handling expensive spray guns.

- FEATURES:**
- Automatic washing station, using re-circulating solvent and manual clean rinse
 - Sink for manual cleaning of waterborne paints is equipped with a flow-through brush and clean rinse nozzle
 - Using recycled water and a paint channel rinse gun using clean water
 - The Double C comes equipped with a pneumatic extractor
 - Ex II 2 G EEx c IIA T6
 - The Double C can be ordered with stainless cabinet (RDI2C)
 - Air Purge Line (keeps solvent away from the airside of the gun while being cleaned)
 - Lifetime pump warranty
 - Approved by major spray gun manufacturers
 - Extraction capture at source



For up to date information and prices please visit - www.redashe.com



Lifetime
PUMP
WARRANTY

TECHNICAL DATA

Air supply:	7-12 bar (110-180 psi)
Extraction capacity:	140 m³/hour (82 cfm) (with a 10m extension)
Overall dimensions:	Height: 1488mm (58,58"), Width: 840mm (33,07")
	Max depth: 675mm (26,57"), Depth at the floor: 621mm (24,45")
Extractor diameter:	100 mm (4")
Weight:	80 kg (176 lb)
Sound pressure level:	<70db (A)
Pump capacity LPM:	10
Solvent pressure:	2bar/30psi



RDIX11A Boxer

FOR WATER OR SOLVENT BASED PAINTS

The RDIX11 is extremely functional and user friendly, enabling spray guns of all types to be cleaned with a semi-automatic wash cycle or manually or a combination of both. The semi-automatic wash cycle can be set between 1 and 4 minutes via the mechanical timer. The pump on the RDIX11 is a tried and tested diaphragm pump and carries a life time warranty. It provides a high volume low-pressure supply of solvent that flushes the spray guns clean, this also substantially reduces emissions. The round stainless steel bowl enables the solvent to drain away quickly, reducing the chance of debris being left in the machine (no corners for paint to congeal). The angled jets of the spray cradle deliver solvent to all the spray gun surfaces, ensuring effective cleaning. During the cleaning process air is passed through the spray guns airway, ensuring that no paint or any other contaminant can enter the gun. The airvent extraction operates automatically when the lid of the machine is lifted. Single or 2 gun spray cradles are available. The RDIX11 can be docked to the Redashe RDR120A Solvent Recycler via the RDX docking station.

TECHNICAL DATA

Max solvent volume:	25 + 25 litre drums
Maximum drum size:	60 litres
Compressed air supply:	7-12bar (110-180psi), 90 l/min (3cfm) 1 pump only 370 l/min (14cfm) including AIRVENT 11660 in operation
Required ventilation:	500 m³/h (310 cfm)
Pump capacity:	10 l/min
Solvent pressure:	2bar (30 psi)
Weight:	75kg (165lb)
Overall dimensions:	Height: 1510mm (59.5") Width: 835mm (33") Max. Depth: 650mm (25.5")
Depth at the floor:	610mm (24")
Extractor diameter:	125mm (5")
Sound pressure level:	<70 dB(A)

- FEATURES:**
- Fully enclosed
 - Semi-automatic
 - Hand control
 - Clean rinse
 - Spray-out facility
 - Air blow off gun
 - Fume extraction
 - Water or solvent
 - Manual wash facility
 - 1 or 2 gun versions
 - Constructed from stainless steel
 - Lifetime pump warranty



RDIX22A Boxer

FOR WATER OR SOLVENT BASED PAINTS

The RDIX22A is the complete workstation for cleaning solvent or waterborne industrial paint spraying equipment. It combines manual and semi-automatic gun cleaners side-by-side in one unit. The semi-automatic bowl works in the same way as the RDIX11 with the advantage of having a separate manual bowl to allow for other parts to be cleaned at the same time. As with all Redashe gun cleaners, the wash basins are set at the ideal working height to avoid back strain and unnecessary splashing. A canopy with an extraction point covers the entire work area, this can be connected to a Mini Vent extractor or mixing room extraction.

- FEATURES:**
- Fully enclosed
 - Semi-automatic
 - Hand control
 - Clean rinse
 - Spray-out facility
 - Air blow off gun
 - Fume extraction
 - Water or solvent
 - Manual wash facility
 - 1 or 2 gun versions
 - Constructed from stainless steel

TECHNICAL DATA

Max solvent volume:	25 + 25 + 25 + 25 litre drums
Maximum drum size:	60 litres
Compressed air supply:	7-12bar (110-180psi), 180 l/min (6cfm) 2 pumps 460 l/min (17cfm) including AIRVENT 11660 in operation
Required ventilation:	600 m³/h (380 cfm)
Overall dimensions:	Height: 1510mm (59.5") Width: 1185mm (46.7") Max. Depth: 650mm (25.5")
Solvent pressure:	2bar (30 psi)
Weight:	95kg (198lb)
Pump capacity:	10 l/min
Depth at the floor:	610mm (24")
Extractor diameter:	125mm (5")



RDC11/RDC12 Boxer Compact Cleaner

FOR SOLVENT BASED PAINTS

The Boxer Compact once again sets the standard for spray gun cleaning, the unit has a small foot print of just 66 x 44 cm making this unit ideal for space constrained mixing rooms. Two versions are available either automatic or semi-automatic. The units incorporate the innovative Autobox allowing gravity spray guns to be installed for cleaning quickly and easily (suction and pressure guns require an adaptor kit supplied separately). Both units use the unique Drester pump, which operates using a high volume low pressure wash ensuring a complete clean every time, the pump has been designed specifically for spray gun cleaning machines and is the key to our reliability, the pump has a life time warranty.

- FEATURES:**
- Fully enclosed
 - Spray-out facility
 - Manual clean rinse
 - Air gun to dry the spray gun
 - Fume extraction
 - Lifetime pump warranty
 - Ex II 2 G EEx c IIA T6
 - Air purge line
 - Sagola, Devilbis, Iwata and SATA approved

RDC12

The Automatic unit is equipped with two of our membrane pumps providing automatic recirculating and clean rinse cycles, each pump has its own fluid loop, this reduces substantially the amount of solvent used.

- Fully automatic recirculating and clean solvent

RDC11

The Semi-automatic unit cleans with pump fed recirculating solvent for 2 minutes; the gun can then be rinsed manually using clean solvent, this ensures that guns are cleaned internally and externally.

- Semi-automatic washing station, using re-circulating solvent



TECHNICAL DATA

Compressed air needed:	7-12 bar (110-180 psi), 250 l/min (9 cfm)
Extraction capacity:	140 m³/hour (82 cfm) (with a 15m extension) 180 m³/hour (106 cfm) (with a 5m extension)
Overall dimensions:	Height: 1330mm (52.5") Width: 660mm (26") Depth at working height: 380mm (15") Depth at the floor: 440mm (17.5")
Working height:	1050mm
Extractor diameter:	80mm (3 1/16")
Weight:	30 kg (66 lbs)



For up to date information and prices please visit - www.redashe.com

RQR-10/20/TT QuickRinse

The Redashe QuickRinse has been developed to enable body shops to use disposable cups to their full potential. The QuickRinse is a pneumatic rinsing device, which can be used inside the spray booth; it dramatically increases the benefits of using disposable cups. It quickly cleans the paint channels between colour changes.

Disposable cup systems allow the painter to take several colours into the spray booth at the same time enabling them to spray different panels one after the other without leaving the spray booth. This creates a much more effective and efficient way of working saving hours of time. Cleaning the spraygun thoroughly between colour changes is essential to avoid colour mismatch and paint defects. Simply pouring water into the gun's paint channel and then spraying out the paint and water usually does not clean the paint channel properly. Leaving the spray booth to clean the spray gun is time consuming and inconvenient.

FEATURES:

- You don't have to leave the booth - save time, no need to disconnect air mask or gun, less risk of dust entering the booth
- Complete clean - High pressure cleaning allows safe colour change inside the booth, instant cleaning gives better cleaning results, cleans in 30 seconds
- Improves cleanliness - no messy cleaning with inadequate water bottles
- Store cups on the QuickRinse shelf, waste handled by any aqueous cleaner
- Compatible with all disposable cup systems
- Perfect for smart repair vans

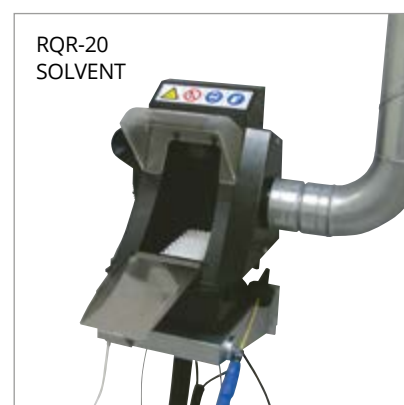


TECHNICAL DATA

Air supply:	5 - 12 bar
Air consumption:	100 l/min
Weight:	12.5 kg
Wash mode:	Water, solvent or both
Dimensions:	WxHxD 535 x 645 x 263mm



RQR-10
AQUA



RQR-20
SOLVENT



RQR-TT
BOTH

R1000 Aqua Cleaner

FOR WATER BASED PAINTS

The R1000 Aqua Cleaner is a high performance gun cleaner, designed for use with waterborne paint systems. Constructed from stainless steel and heavy duty plastic, is available now, ready to meet the challenge of today's paint shop. The R1000 has an integral flocculation system for ease of waste disposal. The high volume wash is produced by a unique Teflon membrane pump.

FEATURES:

- Manual
- Clean rinse
- Automatic Flocculation*
- Cleaning brush and jet nozzle
- Filtration
- Pumped evacuation of water to drain

* Now available from Redashe - Flocculating powder (coagulant)
Part No. R9211 and new Aquasolve concentrate R230110

TECHNICAL DATA

Working pressure:	80-110 psi (5-7 bar)
Air consumption:	3.5 c.f.m.
Water capacity:	35 litres in total
Dimensions:	Height 1030mm Diameter 625mm
Water flow through pistol and gun:	1.5 - 2 litres/minute
Weight:	24 kg

* No specialist waste to take away, cutting costs



R1050 Aqua Cleaner

FOR WATER BASED PAINTS

The R1050 Aqua Cleaner is a very competitively priced, high performance gun cleaner, designed for use with all waterborne paint systems. Constructed from galvanized steel, INOX working area and heavy-duty polypropylene plastic. The R1050 has an integral flocculation system for ease of waste disposal. A unique Teflon membrane pump, which produces the high volume low-pressure wash, no external water supply is required, the pump has a lifetime warranty.

FEATURES:

- Manual clean rinse
- Automatic Flocculation*
- Cleaning brush and jet nozzle
- Hand control (on / off)
- Filtration
- Lifetime pump Warranty
- ATEX certified
- Easy to clean (no corners for paint to collect)
- Reusable filters
- No external water supply required
- Solid construction

* Now available from Redashe - Flocculating powder (coagulant) Part No. R9211 and new Aquasolve concentrate R230110

TECHNICAL DATA

Working pressure:	80-110 psi (5-12bar)
Air consumption:	3.5 c.f.m.
Water capacity:	up to 35 litres in total
Dimensions:	Height 1030mm, diameter 625mm



R2600 Gun Cleaner

FOR SOLVENT BASED PAINTS

The R2600 is a manual spray gun cleaner and is designed for use with conventional paints and thinners. The machine cleans with pump fed recirculating thinners through a wash brush and also a manual clean rinse nozzle. The gun cleaner is equipped with a unique Drester Teflon diaphragm pump, which gives a superior wash result. The built-in automatic extraction prevents contact with hazardous fumes and improves the working environment. The R2600 is the ideal machine for cleaning spray guns, paint cans and spatulas, while also saving thinners and time.

- FEATURES:
- Manual cleaning using recirculating solvent through brush
 - Manual clean rinse
 - Air gun for blow through and to dry off guns
 - Spray out facility
 - Fume extraction*

TECHNICAL DATA	
Working pressure:	100-180 psi (7-12 bar)
Air consumption:	250l/m (9 c.f.m.)
Extraction capacity:	140m3/h (82 c.f.m.) with 15m (49ft) extraction duct 180m3/h (106 c.f.m.) with 5m (16ft) extraction duct
Extractor Diameter:	125mm (5")
Weight:	30kg (67lb)
Dimensions:	Height 880mm, diameter 645mm



R3600-SS Gun Cleaner

FOR SOLVENT BASED PAINTS

The R3600-SS Gun Cleaner is a semi automatic unit that works in two stages. The enclosed automatic wash runs for two minutes using recirculating solvent, washing guns internally and externally. The gun is then rinsed manually with clean solvent spray. A compact design for restricted space operation.

- FEATURES:
- Semi automatic
 - Spray-out facility
 - Sagola, Devilbis, Iwata and SATA approved
 - Clean rinse
 - Fume extraction*
 - Fully enclosed
 - 1 or 2 gun versions
 - Stainless steel bowl
 - Air purge line

* 0.5m³ extraction per second away from the face is recommended by Redashe (HSG258).

TECHNICAL DATA	
Working pressure:	75-180 psi (5-12 bar)
Air consumption:	9 c.f.m.
Extraction capacity:	140m3/h (82 c.f.m.) with 15m (49ft) extraction duct 180m3/h (106 c.f.m.) with 5m (16ft) extraction duct
Extractor Diameter:	125mm (5")
Dimensions:	Height 880mm Diameter 645mm

LIFE TIME WARRANTY

All Redashe spray gun cleaner pumps carry a lifetime guarantee against faulty materials and workmanship, this guarantee does not apply to fair wear and tear or damage caused by misuse or abuse of the product. Warranty limited to the original installation. This is for all spray gun cleaners pages 166-176 (excludes QuickRinse).



R8000 Gun Cleaner

FOR SOLVENT BASED PAINTS

The R8000 is a fully automatic and fully enclosed spray gun cleaner. It is equipped with two powerful diaphragm pumps, which provide a very high volume low pressure wash, which not only cleans guns more efficiently, but also reduces fume emission to a minimum. The pumps, which are guaranteed for the life of the unit are manufactured from high tech. polymers using teflon membranes. Made from stainless steel with brass interior components, the R8000 is ideally suited for both conventional and water based paints.

- FEATURES:
- Fully enclosed
 - Fully automatic
 - Clean rinse
 - Spray-out facility
 - Fume extraction*
 - Water or solvent
 - Manual wash facility
 - Lifetime pump warranty
 - Air purge line
 - 1 or 2 gun versions
 - Sagola, Devilbis and Iwata approved

TECHNICAL DATA	
Working pressure:	110-180 psi (7-12 bar)
Air consumption:	9 c.f.m.
Dimensions:	H 990mm, W 700mm



* 0.5m³ extraction per second away from the face is recommended by Redashe (HSG258).

120/130 Solvent Recycle

The RDR120A and RDR130A Recycler are of a tried and tested design which is robust, safe and reliable. The condenser is stainless steel ensuring longevity of the unit, incorporating all the necessary features to allow it to be linked into the Dynamic Triple System which allows automatic solvent transfer into the recycler, creating one of the most user friendly systems in the paint process. The stainless steel boiler is on a pivot for ease of maintenance. Larger capacity recyclers available.

For up to date information and prices please visit - www.redashe.com

TECHNICAL DATA	
Type of solvents distillable:	Thinner type, solvent
Boiler capacity:	12 litres / 30 litres
Residues discharge:	Plastic bag
Condensation system:	By air
Condenser material:	Stainless steel
Time per cycle:	3 - 4.5 hours
Voltage:	200-240 V 1ph 50 or 60 Hz
Electrical construction:	Explosion proof
Weight:	67kg / 142kg



Dynamic Triple Solvent Recovery System



The Dynamic Triple is made up of three elements, a solvent recycler, docking station and a solvent spray gun cleaner. The Dynamic Triple enables the transfer of used dirty solvent directly into the recycler while at the same time refilling the clean rinse solvent drum, ensuring the gun cleaner is not out of use for more than a couple of minutes. This removes the health and safety issues of inhalation of fumes, lifting of heavy cans full of dirty solvent and possible spillage on the floor or over the recycler.

The transfer pumps are extremely efficient and will transfer the solvent up to 25m, this allows the recycler to be installed away from the spray gun cleaner.

With transfer of the solvent being so quick and simple it enables the process to be run on a frequent basis keeping the solvent in better condition which in turn cleans the spray guns more efficiently, saving time at every stage.

The Redashe Dynamic Triple will assist companies with their commitment towards EPA and Health and Safety Legislation.

- FEATURES:**
- All machines in a closed loop
 - One valve operation to transfer the solvent
 - Lifetime warranty on all pumps
 - Up to 25 metre solvent transfer
 - Sealed solvent container
 - 4 Minute transfer
 - Pumps on fixed frequency
 - All pipe work permanently connected
 - Access to clean solvent at all times
 - Explosion proof construction
 - Stainless steel condenser on the recycler
 - Time saving

For up to date information and prices please visit - www.redashe.com

RDR120A TECHNICAL DATA	
Type of solvents:	Distillable thinner type
Boiler capacity:	12 litres
Residues discharge:	Plastic bag
Condensation system:	By air
Condenser material:	Stainless steel
Time per cycle:	3-4 1/2 hours
Voltage:	200-240 V 1ph 50 or 60 Hz
Electrical construction:	Explosion proof
Weight:	67 kg

RDX9012 & 8012 TECHNICAL DATA	
Air Supply:	7-10 bar
Air Consumption:	250 l/m
Volume for fresh solvent:	12 litres
Volume for recycled solvent:	12 + 40 litres
Max diameter:	510 mm
Weight:	21 kg

LIFE TIME WARRANTY

All Redashe spray gun cleaner pumps carry a lifetime guarantee against faulty materials and workmanship, this guarantee does not apply to fair wear and tear or damage caused by misuse or abuse of the product. Warranty limited to the original installation. This is for all spray gun cleaners pages 166-176 (excludes QuickRinse).

WM-90 Redashe Paint/Waste Collector

The Redashe Waste Management System improves your environment and gets rid of paint residues and other waste in a safe and neat way in compliance with the legislation.

The design of the Redashe WM-90 corresponds to the Redashe Gun Cleaners. By placing the units next to each other you create a smart, homogeneous look in the work shop. You also get a more efficient work flow and working environment.

The Redashe WM-90 comes in three different models: one for liquid waste, one for solid waste and one model combining the two. Each model has two compartments, so you can easily separate two different types of waste.

Extraction can be connected to the Redashe WM-90 either directly or through a hood. Redashe WM-90 is an ATEX category 2 unit, which can be placed in zone 1, for example in the mixing room. It complies with all applicable European directives and standards.

TECHNICAL DATA	
Weight:	42 kg
Dimensions:	1025mm (H), 780mm (W), 570mm (D)
If extraction is desired	
Compressed air needed for extraction:	7-12 bar (110-180 psi), 450 l/min (16 cfm)



REDASHE WM-90-1

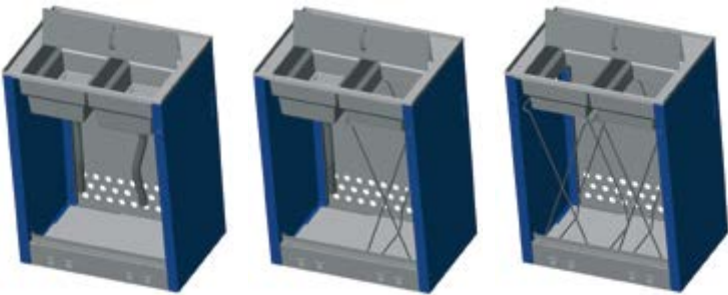
The sloppy, smelling funnels and drums on the floor can be removed for good. By emptying the paint residues in a Redashe waste management unit, the paint and solvent residues are stored in a safe way in compliance with current European legislation. You can also avoid sticky paint on the floor and maintain a neat appearance. Redashe WM-90-01 has two funnels with grids, on which cans can be left to drain. The waste is collected in drums underneath. The two compartments make it easy to separate for example waterborne paints from solvent borne.

REDASHE WM-90-2

This model combines a compartment for liquid waste and a compartment for solid waste such as solvent contaminated paper or cloth. Leave the can to drain on the funnel grid and when dry, throw the can into the adjoining bin compartment.

REDASHE WM-90-3

The Redashe WM-90-3 provides two compartments for solid waste like paper, can, spray cans, filter boards and solvent contaminated materials.



REDASHE WM-90-1

REDASHE WM-90-2

REDASHE WM-90-3



Extraction is not supplied as standard. For costings please call Redashe Ltd.

ECP10-UK 10 Litre Wall Mounted Manual Can Crusher

Redashe's manual can crusher is ideal for crushing cans that have been used to store fluids or food stuffs. Crushing cans reduces the volume of waste for disposal by up to 90% resulting in fewer skip collections and lowering costs.

The unit must be wall mounted.

FEATURES:

- Manual power, maximum 10 litre, wall mount
- Reduce waste can volume by up to 90%
- Keep working area clean and tidy
- Reduce waste disposal costs (fewer skips)
- Crush cans up to 10 Litre
- Safe simple operation
- Extremely Powerful up to 1500kg of crushing force

For up to date information and prices please visit - www.redashe.com

TECHNICAL DATA	
Energy source	Man power (1500kg of force)
Capacity	Tin cans up to 10 litres
Size (cm)	L x W x H: 46 x 45 x 120
Weight	65 kg

ECP30 30 Litre Pneumatic Can Crusher

Redashe's pneumatic can crusher is ideal for crushing cans that have been used to store solvent-based liquids, crushing the can reduces the volume of waste for disposal by up to 90%, so reducing the number of skip collections. The crusher has a drip tray to collect spills from cans that have had liquid left in them, and a door interlock prevents the unit from being opened whilst the press plate is in motion.

The unit can be mounted on the wall, floor or bench.

FEATURES:

- Pneumatic wall, floor or bench mount (max 30 litre)
- 30 litre, has door inter lock (can not be opened while in motion)
- Reduce waste can volume by up to 90%
- Keep working area clean and tidy
- Reduce waste disposal costs (fewer skips)
- Crush cans up to 30 litres
- Safe, simple operation

TECHNICAL DATA	
Energy source	Compressed air
Working pressure	6 - 8 bar
Volume of air required	50 litres of a complete stroke
Press pressure	2000 kg
Size without stand (L x D x H)	45 x 45 x 122 cm
Size stand only (SBP02TA)(L x D x H)	80 x 66 x 87 cm
Weight	120 kg

IFCWM1000 Mixing Room Increased Safety Heating Panel

The Redashe increased safety convection heating panel can be ceiling or wall mounted, Ideal for heating Paint Mixing Rooms and small storage areas for maintaining paint products at the correct temperature and viscosity, most automotive paint manufacturers recommend that water-based paints should be stored at an ambient temperature of not below 5°C and mixed above 15°C. At 0°C the water content in the paint can freeze which could irreparably damage your stock. Fitting a Redashe mixing room heater could eliminate this risk.

All areas where there is a potential risk of flammable vapours and explosion are covered by ATEX Legislation. All equipment used in these areas must be certified and marked with the 'Ex' symbol.

The panel is easy and discreet to install. May be installed horizontally, vertically or on the ceiling. Adjustable temperature control is provided by a digital thermostat. All heaters are rated at 240v AC 50/60HZ and carry full ATEX IECEX certification for gas and dust hazards. Classification zone 1 and 2 where the flammable atmosphere is a group IIA, IIB or IIC gas. Approved Ex e II version to EN50014 and EN50019. Suitable for operating in ambient temperatures from -60 to +40°C. ATEX CERTIFICATE



For up to date information and prices please visit - www.redashe.com

Redashe

HEATER TECHNICAL DATA	
Atex compliant	11 3G
Voltage/Power	240V/800W
Temperature panel	180°C maximum
Local temperature	Adjustable, up to +/- 25 °C
Dimensions	380 x 1050 x 6 cm
Weight	8 kg

THERMOSTAT TECHNICAL DATA	
Voltage	230 VAC/ 50 Hz
Control range	0 to 35 °C
Temperature probe	Type NTC
Working range	-10°C to 60°C
Protection value	IP54

N3021 IONSTAR Antistatic Gun

The new IONSTAR antistatic-gun from Redashe neutralises static and cleans in one operation. Once connected to the compressed air system, it generates the necessary energy via an integrated turbine generator built into the air gun, creating a powerful stream of positive and negative ions. The IONSTAR requires no power cables or battery-packs.

- FEATURES:**
- IONSTAR is absolutely maintenance free
 - IONSTAR optimises the paint application process
 - IONSTAR requires no power cables or recharging
 - IONSTAR is extremely light and manageable and very robust
 - IONSTAR increases the efficiency and through put of the booth reduces de-nibbing and polishing
 - IONSTAR is ATEX certified and approved for use in spray booths and at spot repair workstations
 - IONSTAR improves the alignment of metallic particles in the paint - fewer problems with colour matching
 - IONSTAR enables a reduction in dark edges (shadows) and material consumption - easier re-works
 - IONSTAR will not stop working mid job (no recharging)
 - IONSTAR allows the airflow to be adjusted to suit the part or task - adjustable to your requirements

TECHNICAL DATA

Working pressure:	2.5 - 3.5 bar
Air flow:	150 ltr/min approx.
Temperature range:	-15°C to +50°C
Height:	190mm
Width:	110mm
Depth:	34mm
Weight:	240g



IONSTAR
ANTISTATIC GUN



R800624 IRT 1 Prepcure (Handheld)

The IRT 1 Prepcure is suitable for curing minor paint and panel work, as well as for applying and removing stickers. The dryers can either be used as a hand-held dryer or be mounted on stand (optional). Can cure all base and paint materials. The on/off button is integrated in the handle and the stand is fitted with a manual timer.

- FEATURES:**
- Can cure all base coat and paint materials
 - Powerful ventilation
 - On/Off button integrated in the handle and manual timer on the stand
 - Fitted with gold-coated reflectors to provide a more even heat distribution
 - Stand timer can be set to a maximum of 120 minutes
 - The stand allows for both vertical and horizontal curing
 - R800460 - Stand with timer 230v, 1 PH
 - R800598 - Stand without timer
 - R102700 - IRT LAMP 360 1kW 235V

TECHNICAL DATA

Frequency:	50-60 Hz
Current:	4A
Output Power:	1 kW (single lamp)
Fuse:	10A
Voltage:	230V 1PH
Stand Height:	1450mm



IRT
SYSTEM
HEDSON

R800625 IRT 2 Prepcure (Handheld)

The IRT 2 Prepcure is suitable for curing minor paint and panel work, as well as for applying and removing stickers. The dryers can either be used as a hand-held dryer or be mounted on stand (optional). Can cure all base and paint materials. The on/off button is integrated in the handle and the stand is fitted with a manual timer.

- FEATURES:**
- Can cure all base coat and paint materials
 - Powerful ventilation
 - On/Off button integrated in the handle and manual timer on the stand
 - Fitted with gold-coated reflectors to provide a more even heat distribution
 - Stand timer can be set to a maximum of 120 minutes
 - The stand allows for both vertical and horizontal curing
 - R800460 - Stand with timer 230v, 1 PH
 - R800598 - Stand without timer
 - R102700 - IRT LAMP 360 1kW 235V

TECHNICAL DATA

Frequency:	50-60 Hz
Current:	8A
Output Power:	2 kW (twin lamp)
Fuse:	10A
Voltage:	230V 1PH
Stand Height:	1450mm



IRT
SYSTEM
HEDSON

R800473 IRT 3 Prepcure

Speeds up the drying process of putty, filler and clearcoat with two digital timers.

- FEATURES:
- The cassette is balanced with a gas filled damper can easily be operated with one hand
 - Equipped with a compact cassette that is controlled by two digital timers
 - Flash off up to 30 minutes, full bake up to 30 minutes
 - Equipped with gold-coated reflectors
 - Output power 3 Kw
 - Flash off out is 50% power, full bake output is 100% power
 - Results in superior heat distribution, a larger curing area, and reduced power consumption compared to conventional reflectors
 - Curing area 1m (H) x 1.1m (W)
 - Suitable for large panels- bonnet, roof



TECHNICAL DATA

Frequency:	50-60 Hz
Current:	13A
Output Power:	3 kW
Fuse:	13A
Max. Cassette Height:	1300mm
Voltage:	230V, 1PH

CONSUMABLES

PART NUMBER	DESCRIPTION
R102699:	Lamp-IR 2kW 235V 360 U CPL
R713576:	IRT cassette air filter



R800443 IRT 4 Prepcure

Speeds up the drying process of putty, filler and clearcoat with two digital timers.

- FEATURES:
- The cassette is balanced with a gas filled damper can easily be operated with one hand
 - Equipped with a compact cassette that is controlled by two digital timers
 - Flash off up to 30 minutes, full bake up to 30 minutes
 - Equipped with gold-coated reflectors
 - Output power 3 Kw
 - Flash off out is 50% power, full bake output is 100% power
 - Results in superior heat distribution, a larger curing area, and reduced power consumption compared to conventional reflectors
 - Curing area 1m (H) x 1.1m (W)
 - Suitable for large panels - bonnet, roof



TECHNICAL DATA

Frequency:	50-60 Hz
Current:	13A
Output Power:	3 kW
Fuse:	13A
Max. Cassette Height:	2250mm
Voltage:	230V, 1PH

CONSUMABLES

PART NUMBER	DESCRIPTION
R102699:	Lamp-IR 2kW 235V 360 U CPL
R713576:	IRT cassette air filter



IRT 3-1 PcD

The IRT 3-1 PcD is a standard dryer suitable for all types of workshops. They are mostly used for small to medium-sized repairs and for primers, but it has sufficient output to cure all kinds of paint materials. The IRT PcD by Hedson dryers are equipped with a control unit for a computerized curing process. There is a program for each drying requirement and due to the easily understandable and self-instructional menu, program selection is quick and easy.

- FEATURES:
- Computerized curing process, 12 pre-set and 3 custom programs
 - Unique possibilities to position the cassettes
 - Electronic distance sensor
 - Powerful ventilation that cools the cassette and increases lamp life
 - Curing area: 1m x 1.1m at a distance of 60cm

CONSUMABLES

PART NUMBER	DESCRIPTION
R102699:	Lamp-IR 2kW 235V 360 U CPL
R102700:	Lamp-IR 1kW 235V 360 U CPL
R713576:	IRT cassette air filter

TECHNICAL DATA

Frequency:	50-60 Hz
Current:	8A
Output Power:	3 kW
Fuse:	16A
Max. Cassette Height:	2250mm (H) 2550mm (V)



IRT 3-2 PcD

The IRT 3-2 PcD is a standard dryer suitable for all types of workshops. They are mostly used for small to medium-sized repairs and for primers, but it has sufficient output to cure all kinds of paint materials. The IRT PcD by Hedson dryers are equipped with a control unit for a computerized curing process. There is a program for each drying requirement and due to the easily understandable and self-instructional menu, program selection is quick and easy.

- FEATURES:
- Computerized curing process, 12 pre-set and 3 custom programs
 - Unique possibilities to position the cassettes
 - Electronic distance sensor
 - Powerful ventilation that cools the cassette and increases lamp life
 - Curing area: 1m x 1.1m at a distance of 60cm

TECHNICAL DATA

Frequency:	50-60 Hz
Current:	15A
Output Power:	6 kW
Fuse:	16A
Max. Cassette Height:	2250mm (H) 2550mm (V)

CONSUMABLES

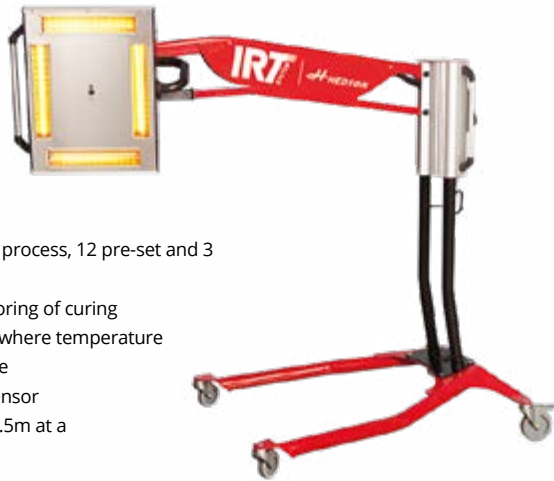
PART NUMBER	DESCRIPTION
R102699:	Lamp-IR 2kW 235V 360 U CPL
R102700:	Lamp-IR 1kW 235V 360 U CPL
R713576:	IRT cassette air filter



IRT 4-1 PcAuto

The IRT PcAuto models are equipped with advanced technology such as a temperature measurement, laser circle and digital distance sensor. The laser circle shows where the measurement of the temperature on the curing area takes place and the ultrasound sensor measures the distance and signals when the distance is correct. The temperature is continuously measured, while the microprocessor regulates the effective output upwards or downwards in a split second for optimal curing results. As an operator, you can continuously monitor the curing process and receive information about such things as object temperature and elapsed/remaining program time.

- FEATURES:**
- Pyrometer for exact temperature control
 - Computerized curing process, 12 pre-set and 3 custom programs
 - Computerized monitoring of curing
 - Laser circle indicates where temperature measuring takes place
 - Electronic distance sensor
 - Curing area: 1.1m x 1.5m at a distance of 60cm



TECHNICAL DATA	
Frequency:	50-60 Hz
Output Power:	6 kW
Max. Cassette Height:	2250mm (H) 2550mm (V)

CONSUMABLES & OPTIONAL EXTRAS	
PART NUMBER	DESCRIPTION
R102699:	Lamp-IR 2kW 235V 360 U CPL
R102700:	Lamp-IR 1kW 235V 360 U CPL
R713576:	IRT cassette air filter
R750583:	USB Cable data collector
R750584:	USB Memory data collector
R750585:	Wireless data collector



IRT 4-2 PcAuto

The IRT PcAuto models are equipped with advanced technology such as a temperature measurement, laser circle and digital distance sensor. The laser circle shows where the measurement of the temperature on the curing area takes place, and the ultrasound sensor measures the distance and signals when the distance is correct. The temperature is continuously measured, while the microprocessor regulates the effective output upwards or downwards in a split second for optimal curing results. As an operator, you can continuously monitor the curing process and receive information about such things as object temperature and elapsed/remaining program time.

- FEATURES:**
- Pyrometer for exact temperature control
 - Computerized curing process, 12 pre-set and 3 custom programs
 - Computerized monitoring of curing
 - Laser circle indicates where temperature measuring takes place
 - Electronic distance sensor
 - Curing area: 2.2m x 1.5m at a distance of 60cm



TECHNICAL DATA	
Frequency:	50-60 Hz
Output Power:	12 kW
Max. Cassette Height:	2250mm (H) 2550mm (V)

CONSUMABLES & OPTIONAL EXTRAS	
PART NUMBER	DESCRIPTION
R102699:	Lamp-IR 2kW 235V 360 U CPL
R102700:	Lamp-IR 1kW 235V 360 U CPL
R713576:	IRT cassette air filter
R750583:	USB Cable data collector
R750584:	USB Memory data collector
R750585:	Wireless data collector



R800621 IRT UVA 1 PrepCure 4

Extremely fast curing with IRT high intensity outstanding UVA mobiles. A single UVA lamp holds 1000 W. Powerful ventilation and efficient particle filter extends operating life. Ozone-free lamp design with protective glass that filters UVB/UVC radiation

- FEATURES:**
- The curing time is regulated with an electronic timer
 - Powerful ventilation and efficient particle filter extends operating life
 - Time counter for the life length of the UVA lamp
 - Easily maneuverable design, combined with a gas spring, simplifies cassette adjustment
 - Curing area: 1m x 1m - One cassette at a distance of 55cm with an UV-A intensity of 25mW/cm²



TECHNICAL DATA	
Voltage:	230V 1Ph ~/PE
Frequency:	50Hz
Power:	1 kW UV-A
Fuse:	10A
Max. Cassette Height:	2220mm



CONSUMABLES	
PART NUMBER	DESCRIPTION
R129070:	UV/IR Protective glasses
R712894:	Air filter for UVA
R714599:	UV-lamp replacement kit 230V 1kW (UVA)

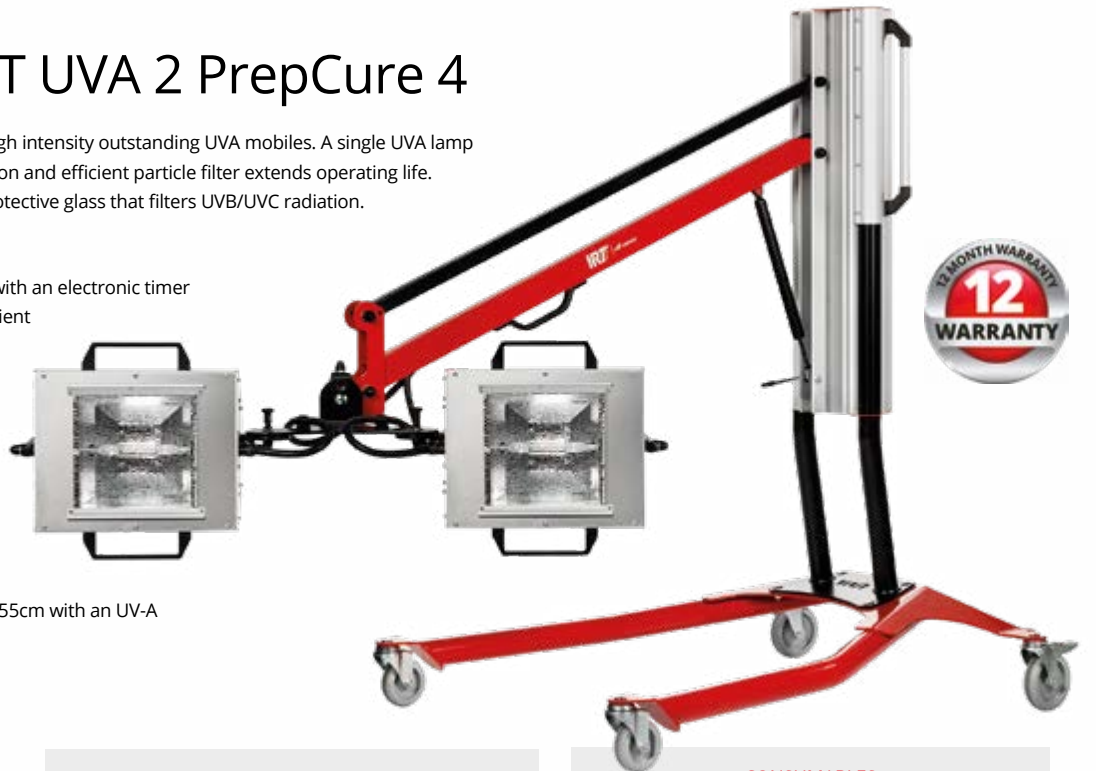
R800622 IRT UVA 2 PrepCure 4

Extremely fast curing with IRT high intensity outstanding UVA mobiles. A single UVA lamp holds 1000 W. Powerful ventilation and efficient particle filter extends operating life. Ozone-free lamp design with protective glass that filters UVB/UVC radiation.

- FEATURES:**
- The curing time is regulated with an electronic timer
 - Powerful ventilation and efficient particle filter extends operating life
 - Time counter for the life length of the UVA lamp
 - Easily maneuverable design, combined with a gas spring, simplifies cassette adjustment
 - Curing area: 1.7m x 1m - One cassette at a distance of 55cm with an UV-A intensity of 25mW/cm²



TECHNICAL DATA	
Voltage:	230V 1Ph ~/PE
Frequency:	50Hz
Power:	2 kW UV-A
Fuse:	10A
Max. Cassette Height:	2220mm



CONSUMABLES	
PART NUMBER	DESCRIPTION
R129070:	UV/IR Protective glasses
R712894:	Air filter for UVA
R714599:	UV-lamp replacement kit 230V 1kW (UVA)

R800604 IRT UVA 1 PrepCure 3

Extremely fast curing of vertical surfaces with IRT high intensity outstanding UVA mobile IRT UVA 1 PrepCure 3. A single UVA lamp holds 1000 W. Powerful ventilation and efficient particle filter extends operating life. Ozone-free lamp design with protective glass that filters UVB/UVC radiation. Curing area 1 x 1 m (at a distance of 50 cm with an UV-A intensity of 25 mW/cm²).



FEATURES:

- Designed to cure UVA paint on vertical surfaces
- Powerful ventilation and efficient particle filter
- The curing time is regulated with an electronic timer
- Time counter for the life length of the UVA lamp
- Curing area: 1m x 1m - One cassette at a distance of 55cm with an UV-A intensity of 25mW/cm²

CONSUMABLES

PART NUMBER	DESCRIPTION
R129070:	UV/IR Protective glasses
R712894:	Air filter for UVA
R714599:	UV-lamp replacement kit 230V 1kW (UVA)

TECHNICAL DATA

Voltage:	230V 1Ph ~/PE
Frequency:	50Hz
Power:	1 kW UV-A
Fuse:	10A
Max. Cassette Height:	1310mm

For up to date information and prices please visit - www.redashe.com

R800605 IRT Combi 4-1 IR-UVA 1K
R800808 IRT Combi 4-1 IR-UVA 2K

The combination of shortwave infrared and UVA radiation makes this mobile dryer unique. One cassette includes 4 IR lamps and 1 UVA lamp. Featured with 15 (IR:12, UV: 3) pre-set programs for water and solvent based paint material, from putty to clear coat.

FEATURES:

- IR and UVA can be run individually and in sequence
- The infrared lamps are mounted in gold surface reflectors, reflecting up to 97% of short-wave radiation
- The IRT control unit includes program selection
- Time counter for the life length of the lamps
- Curing area IR: 2.2m x 1.5m at a distance of 60cm
- Curing area UVA: 1.1m x 1.5m at a distance of 55cm with UV-A intensity of 25mW/cm²

TECHNICAL DATA

Voltage:	380-420V 3 Ph/PE
Frequency:	50Hz
Power:	IR: 6kW UVA: 1,2kW
Fuse:	10A
Current:	IR: 9A UVA: 3A
Max. Cassette Height:	2240mm



CONSUMABLES

PART NUMBER	DESCRIPTION
R129070:	UV/IR Protective glasses
R714842:	UV-lamp replacement kit 400V 1.2kW (Combi IR-UVA)
R102699:	Lamp-IR 2kW 235V 360 U CPL
R102700:	Lamp-IR 1kW 235V 360 U CPL
R713576:	IRT cassette air filter

R800606 IRT Combi 4-2 IR-UVA 2K
R800809 IRT Comb 4-2 IR-UVA 4K

The combination of shortwave infrared and UVA radiation makes this mobile dryer unique. One cassette includes 4 IR lamps and 1 UVA lamp. Featured with 15 (IR:12, UV: 3) pre-set programs for water and solvent based paint material, from putty to clear coat.

FEATURES:

- IR and UVA can be run individually and in sequence
- The infrared lamps are mounted in gold surface reflectors, reflecting up to 97% of short-wave radiation
- The IRT control unit includes program selection
- Time counter for the life length of the lamps
- Curing area IR: 2.2m x 1.5m at a distance of 60cm
- Curing area UVA: 1.8m x 1.0m at a distance of 55cm with UV-A intensity of 25mW/cm²

TECHNICAL DATA

Voltage:	380-420V 3 Ph/PE
Frequency:	50Hz
Power:	IR: 12kW UVA: 2.4kW
Fuse:	16A
Current:	IR: 16A UVA: 6A
Max. Cassette Height:	2240mm



CONSUMABLES

PART NUMBER	DESCRIPTION
R129070:	UV/IR Protective glasses
R714842:	UV-lamp replacement kit 400V 1.2kW (Combi IR-UVA)
R102699:	Lamp-IR 2kW 235V 360 U CPL
R102700:	Lamp-IR 1kW 235V 360 U CPL
R713576:	IRT cassette air filter

R737413 IRT ICURE

The IRT ICURE by Hedson is a compact robotic rail dryer system that can be retrofitted to most spray booths and prep zones with minor adjustments. The ICURE uses the latest infrared and UV curing technology, making it extremely reliable with precise curing results, plus time and cost savings.

- FEATURES:**
- Robotic motion along the long/short side of the vehicle
 - Flexible and easy to move into any position manually
 - Both dynamic and static drying available
 - 2000 W HID UV-A lamps
 - Guarded UV safety glass, ozon-free
 - Plug and play with pre-programmed cycles with the option of manual cycles.
 - IR lamps > 20.000hrs with lifetime counter for UV lamps
 - IRT shortwave infrared combined with gold reflectors = 97% energy transfer highly efficient
 - Energy consumption monitored per job
 - Time saving and exact drying process



TECHNICAL DATA

Nominal Frequency:	50 - 60 Hz
Rated Voltage:	400-480V~3Ph/PE +/-5%
Full Load Capacity:	26A
Main Disconnect Fuse:	32A
Sound Pressure / Power Level:	<70dB (A) at 1m
Ambient Temp:	Max 40°C (During Operation)



R800901 UV Spot Cure2 LED 395 (Handheld)

UV SpotCure2 is a robust, easy-to-use, hand held UV-LED dryer with 132 high power LEDs, each with unique optics. Designed to create high and uniform LED light intensity over a large area. Combined with powerful, temperature regulated ventilation and advanced overheating protection, SpotCure2 offers market leading curing results.

- FEATURES:**
- Fast curing time
 - Easy to use
 - Low-temperature processing
 - Minimal maintenance
 - Safe to use in your bodyshop
 - Built in timer



TECHNICAL DATA

Voltage:	100-240V
Power:	300-400W
LED unit:	132 pcs high power, individual optics
Weight:	SpotCure2 - 2kg, Stand For Spotcure2 - 11.5kg
Spotcure2 unit:	335 x 116 x 172mm
Spotcure2 Stand:	622 x 605 x 1940mm



R715070 IRT UV SMARTCURE

The UV Smartcure is a robust hand held battery-powered UV curing device developed using the decades of experience of curing paints of all types with UV and Infra-red lamps. It combines the latest UV LED technology. Constructed from a tough glass fibre filled polymer, the unit is fitted with a 3mm scratch solvent resistant tempered glass with a fibre reinforced frame to prevent damage, to the units high performance UV-LEDs. The electronics have been designed specifically for this unit and include an intuitive, user-friendly display that shows the battery level, run time and when the fan is running. They also include temperature sensors to guarantee that neither the electronics or LEDs, can overheat.

- FEATURES:**
- Fast curing time
 - Easy to use
 - Low-temperature processing
 - Minimal maintenance
 - Safe to use in your bodyshop
 - Included in kit: 1x IRT UV Smartcure, 2x batteries, 1x battery charger, 1x wall mount and 1x pair of UV safety glasses



TECHNICAL DATA

Voltage (for charging batteries):	220-240V
Battery:	18V
Battery load:	200W
Output light in measured peak light:	325-350 mW/cm²
Weight (inc. one battery):	1.16 kg
Operating temperature:	-10°C to +40°C
Wavelength:	395mm
Risk Group EN62473:	3



IRT Rail System

The IRT rail systems can be customized to suit all workshops as an optimized workflow solution. Meaning that the operative can easily reach and quickly manoeuvre the dryer into the perfect curing position, meaning it can reach all parts of the vehicle. The cassettes are suspended in arms that glide easily and are self balancing. As the electric power supply is integrated in the rails, meaning there are no loose cables dragging along the floor disrupting work or collecting dust. For further information on IRT rail systems, please contact the Redashe sales team info@redashe.co.uk.



- FEATURES:**
- Suitable for installation in paint preparation areas and inside the spray booth
 - The cross rail system can be installed to walls or ceilings
 - Can be customized to suit all workshops or bodyshops
 - Compatible IRT dryers rail system: IRT 3-20 PcD, IRT 4-10/4-20, PcAuto ans IRT Combi 4-10/4-20 IR-UVA.



IRT Flexicure

IRT FlexiCure with four curing zones. Each zone is equipped with shortwave infrared lamps, gold coated reflectors and pyrometer. Three IR lamps/zone with a total power of 38 kW.

- FEATURES:**
- Two distance sensors, top and side
 - Three IR lamps per zone
 - Four pyrometers - one per zone
 - Speed = 20-200 cm/min



TECHNICAL DATA

Rated Voltage:	400-480 V ~ 3Ph/PE +/-5%
Nominal frequency:	50 ~ 60 Hz
Full load current:	55A
Main disconnect fuse:	65 A
Weight Flexicure:	150kg
Weight side rails:	100kg
Weight cross rail:	200kg
Sound pressure level:	70 dB (A) at 1m
Sound power level:	70 dB (A) at 1m
Curing temp. (curing surface):	Max. 170 °C
Ambient temp.	Max. 40 °C



Herkules HM-1100 Car Lift

The Herkules HM 1100 car lift requires no installation unless fitted in-ground to concrete or grids, but if fitted on-ground the lift is ready to use immediately. And with an additional set of wheels and pole handle (optional) it is mobile in the shop. The lift is equipped with swivel arms which easily reach the vehicles original lifting points. The radius of the swivel arms also allows for a safe fixing of wide vehicles.

ACCESSORIES & CONSUMABLES

PART NUMBER	DESCRIPTION
300-170HM:	Handle and wheels for HM lift
300-204:	Fitting frame (concrete), zinc coated
300-318:	Fitting frame (grids), zinc coated
800-108:	220x130x120mm Rubber block
800-107:	120x120x100mm Rubber block
800-105:	120x100x80mm Rubber block
800-106:	220x130x120mm Rubber block
800-112:	160x140x110mm Rubber block
800-104:	120x100x30mm Rubber block

- FEATURES:**
- 2.8 tons lifting capacity
 - Fast lifting
 - Small space requirements
 - On-ground or flush mounted installations



Model	Air supply	Weight	Working height	Object height	Lifting height	Pit depth	Installation
HM 100-01	6 bar	510kg	1100mm	115mm	930mm	-	On-ground
HM 1100-04	6 bar	510kg	1000mm	-	825mm	115mm	In-ground, with 4 rubber blocks 800-105

Herkules HLS-1200 Car Lift

- FEATURES:**
- 2.5 tons lifting capacity
 - Weight 750kg
 - Air supply 6 bar
 - Lifting height 930mm
 - Wheels supported
 - Simple access with drive over ramps
 - On-ground, in-ground or rail transport installations

ACCESSORIES & CONSUMABLES

PART NUMBER	DESCRIPTION
300-323:	Pit frame (grids), zinc coated
300-307:	Pit frame (concrete) zinc coated
300-344:	Additional grids for the front end of HLS1200, 2 pieces, incl. support angles + fasteners
300-430:	Drive over ramps, 2 pieces

Model	Wheelbase (min/max)	Object height only	Pit depth	Installation
HLS1200-11	1800/3000mm	110mm	-	On-ground
HLS1200-14	1800/3000mm	-	115mm	In-ground
HLS1200-16	1800/3000mm	-	115mm	In-ground with CE-Stop
HLS1200-17	1800/3000mm	110mm	-	Transmobile (HLT-3)

The lifting and lowering of the working height is done safely and smoothly with a Herkules HLS 1200 by Hedson and increases the access to damaged areas and the ergonomic work process. This lift is available in three types for different demands on-ground, flush mounted and rail transportation. These lifts are easy to install and facilitate an individual planning of body shops by using the existing space optimally. Due to the low construction height, it is easy to drive the vehicles on and off of the lift. The work efficiency is increased and the quality is improved by better visual control opportunities due to the easy lifting.



Herkules HLS-1200 DUO Car Lift

The Herkules HLS 1200 DUO is a user-friendly lift for workshops who need to lift the vehicles either on wheels or for a wheel free work position. The DUO lift has the same features as all Hedson lifts, such as deviated loading ramps to make the access to the panel easier, stepless lifting height to secure the ergonomic work process and loading rampsto secure the vehicle against falling.

ACCESSORIES & CONSUMABLES	
PART NUMBER	DESCRIPTION
300-323:	Pit frame (grids), zinc coated
300-326:	Pit frame (concrete) zinc coated
300-380:	Additional grids for the front end of HLS1200-DUO, 2 pieces, incl. support angles + fasteners
300-430:	Drive over ramps, 2 pieces



- FEATURES:
- 2.5 tons lifting capacity

■ Weight 850kg

■ Lifting on the wheels or wheel free lift

■ Air supply 6 bar

■ Simple access with drive over ramps

■ On-ground or in-ground installations



Model	Lifting Height	Wheelbase (min/max)	Object Height only	Construction height with arms	Pit depth	Installation
HLS1200-DUO-11	max.930mm	1600/3200mm	110mm	155mm	-	On-ground
HLS1200-DUO-14	max. 825mm	1600/3000mm	-	-	115mm	In-ground
HLS1200-DUO-17	max.930mm	1600/3000mm	110mm	155mm	-	Transmobile (HLT-3)

Herkules AirgoMatic HLS-3213 Car Lift

The Herkules HLS 3213 AirgoMatic has a capacity of 3.2 tons (6500 lb) and a lifting height of 1.3m (4.3"), the AirgoMatic 3213 sets new standards. It is suitable for the most common car types and offers space-savings in the workshop, thanks to only 110 mm high cantilevers and proportionately short ramps it's space-saving in the workshop



- FEATURES:
- Fast and easy installation with low maintenance costs

■ Minimal space requirements for installation

■ Ergonomically friendly for workers and painters

■ Secure investment due to durable construction and long product lifetime



Model	Lifting height	Loading capacity	Air supply	Wheelbase (min/max)	Lifting height	Cantilever height	Pit depth	Installation
HLS3213-11	1300mm	3.2 tons	6 bar	1800/3600mm	1300mm	110mm	-	On-ground
HLS3213-14	1300mm	3.2 tons	6 bar	1600/3300mm	1300mm	110mm	150mm	In-ground
HLS3213-16	1300mm	3.2 tons	6 bar	1800/3300mm	1300mm	110mm	150mm	In-ground, CE-stop
HLS3213-17	1300mm	3.2 tons	6 bar	1800/3600mm	1300mm	110mm	-	Transmobile (HLT-04)

Herkules AirgoMatic DUO 3213 Car Lift

The Herkules AirgoMatic DUO 3213 lifts have the same features as the Herkules AirgoMatic HLS 3213, such as space saving, deviated loading ramps to make access to the panel easier, stepless lifting height to secure the ergonomic work process and loading ramps to secure the vehicle against falling.

- FEATURES:
- Lifting on the wheels or wheel free lift

■ Ergonomically friendly for workers and painters

■ On-ground or in-ground installations



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Model	Lifting height	Loading capacity	Air supply	Wheelbase (min/max)	Lifting height	Cantilever height	Pit depth	Installation
HLS3213-DUO-11	1300mm	3.2 tons	6 bar	1800/3600mm	1300mm	110mm	-	On-ground
HLS3213-DUO-14	1300mm	3.2 tons	6 bar	1600/3300mm	1300mm	110mm	150mm	In-ground
HLS3213-DUO-16	1300mm	3.2 tons	6 bar	1800/3300mm	1300mm	110mm	150mm	In-ground, CE-stop
HLS3213-DUO-17	1300mm	3.2 tons	6 bar	1800/3600mm	1300mm	110mm	-	Transmobile (HLT-04)

Herkules Transmobile

Herkules Transmobile by Hedson is the revolutionary system for modern workshops. It creates new working capacity due to a safer and quicker work routine and drastically reduces the work involved in vehicle transportation around the workshop. The vehicles are on lifts from the moment the work is started right through to the final inspections and can safely and quickly be moved to subsequent workstations. The transportation system consists of the remote controlled automotive transmobile, and a Herkules by Hedson lift. It can be used in any shop with a level surface, even in the spray booth with grid floor.

FEATURES:

- Lower wage costs
- Reduces vehicle transportation times
- Powerful self-drive with no harmful exhaust gases



Model	Loading capacity	Weight	Drive	Remote control
HLT 03	2.5 tons	560kg	24V	Yes
HLT 04	3.2 tons	600kg	24V	Yes

Herkules K700

A versatile lift for tire service workshops



FEATURES:

- 2.8 tons lifting capacity
- No installation – ready to use immediately
- The swivel arms reach easily the vehicle's original lifting points
- Dimensions: Lifting height 930mm
- Dimensions: Overdrive height 110mm ■ Weight: 840kg

Model	Loading capacity	Air supply	Lifting time (empty lift)	Lowering time (empty lift)	Installation
K 700-45	2.8 tons	8 bar	approx. 15 sec	approx. 20 sec	On-ground



Herkules Painter Lift

The Herkules Painter Lift offers a secure platform area and ergonomic working position for painters when working on large high sided vehicles. The wheels on the lift make it easy to move around in the workshop. Due to its construction, the lift is excellent for small spaces in the prep area as well as in the spray booth. On the platform of the lift there are several air supplies as well as storage space for, therefore they are always within reach.

FEATURES:

- Smooth lifting and lowering
- Excellent for small spaces
- Safe working position
- Smart tool storage on the platform
- Suitable for use in both the prep area and spray booth



Model	Working height	Platform dimensions	Trolley base	Loading capacity	Air supply
EPAINTER-01	3.25m	2000mm x 674mm	2060mm x 906mm	150kg	6-8 bar
EPAINTER-02	4.00m	3500mm x 674mm	3677mm x 1116mm	150kg	6-8 bar
EPAINTER-04	4.00m	2000mm x 674mm	2153mm x 1200mm	150kg	6-8 bar
EPAINTER-05	4.00m	3500mm x 674mm	3677mm x 1525mm	250kg	6-8 bar

Herkules HLQ

Lift for existing rail system for transportation between spraying and drying booths

FEATURES:

- Lifting on wheels
- Vehicles can be moved sideways
- Installation in-ground



Model	Loading capacity	Air supply	Lifting height	Installation
HLQ 01	2.5 tons	8 bar	800mm	in-ground
HLQ-3213	3.2 tons	8 bar	1300mm	in-ground



RGP24 Drester Le Mans Wheel Washer



Get both clean wheels and a clean conscience with RGP24 wheel washer from Drester by Hedson. The water consumption per washed wheel is very low and no chemicals are present that could potentially be harmful for the user or the environment. The plastic granules (Drester DoublePower by Hedson) are made of a disposable material. With the innovative and pioneering Drester Quick Lift (optional extra) by Hedson (patent pending), together with the door loading system of the Drester Grand Prix by Hedson wheel washers, Hedson takes a major leap forward in ergonomic wheel handling. The Quick Lift loads a heavy wheel in less than 3 seconds.

For up to date information and prices please visit - www.redashe.com

- FEATURES:**
- Energy-saving intelligent heating system
 - Low water consumption through closed water system
 - Environmentally friendly and gentle cleaning process
 - Programmable wash cycles, time controlled heater
 - Heat insulating and impact resistant HPE water tank
 - Dynamic flush pipe for fast and efficient cleaning
 - The Quick Lift loads a heavy wheel in less than 3 seconds (optional extra)
 - Included in delivery - 1 rubber mat, 20kg (44lbs) of DoublePower granules, heater and granule basket



ACCESSORIES & CONSUMABLES

PART NUMBER	DESCRIPTION
R230350:	Water cleaning
R230556:	Trolley/Docking unit
R230508:	Granule filter
R230794:	DoublePower granules (20kg, 44lbs)
R12038:	Hose filter (water cleaning)
R12037:	Basket filter (water cleaning)
R12076:	Flocculation powder (water cleaning)
RBIO-291:	Detergent BIO-291

TECHNICAL DATA

Wheel width:	135-350 mm (5-14")
Wheel diameter:	540-860mm (22-34")
Max wheel weight:	45 kg (99 lbs)
Compressed air connection:	8-12bar (120-174psi)
Air consumption:	400 litre/wash cycle
Air flow:	1000 litre/min @ 7bar
Power supply:	400V, 3~, 50 Hz, 16A
Dimensions (WxDxH):	1620x1100x1550 mm (64x43x61")
Weight of unit:	320 kg (704 lbs) without water or DoublePower
Water volume:	310 litre (82 US-gallon)
Water consumption:	1 litre/washed wheel
Cleaning time/wheel:	Adjustable settings from 25-155 sec settings when delivered 25, 50, 75, 100 sec (dry blowing not included)
Clean rinse:	0.3 litre/washed wheel



RGP12 Silverstone & RGP10 Monza Wheel Washers



- FEATURES:**
- Energy-saving intelligent heating system
 - Low water consumption through closed water system
 - Environmentally friendly and gentle cleaning process
 - Programmable wash cycles, time controlled heater
 - Heat insulating and impact resistant HPE water tank
 - Dynamic flush pipe for fast and efficient cleaning
 - The Quick Lift loads a heavy wheel in less than 3 seconds (optional extra)
 - Included in delivery - 1 rubber mat, 20kg (44lbs) of DoublePower granules, heater and granule basket



Get both clean wheels and a clean conscience with RGP10 and RGP12 wheel washer sfrom Drester by Hedson. The water consumption per washed wheel is very low and no chemicals are that can be harmful for the user or the environment. The plastic granules (Drester DoublePower by Hedson) are made of a disposable material. With the innovative and pioneering Drester Quick Lift (optional extra) by Hedson (patent pending), together with the door loading system of the Drester Grand Prix by Hedson wheel washers, Hedson takes a major leap forward in ergonomic wheel handling. The Quick Lift loads a heavy wheel in less than 3 seconds.



TECHNICAL DATA

Wheel width:	145-360mm (6-15")
Wheel diameter:	540-860mm (22-34")
Max wheel weight:	60kg (132lbs)
Compressed air connection:	8-12bar (120-174psi)
Air consumption:	400 litre/wash cycle
Air flow:	1000 litre/min @ 7bar
Power supply:	400V, 3~, 50 Hz, 16A
Dimensions (WxDxH):	Without Quicklift 1081x1201x1489mm (43x47x59") With Quicklift 1153x1226x1489mm (45x48x59")
Weight of unit:	230kg (510lbs) without water or DoublePower
Weight of Quicklift:	26kg (60lbs)
Water volume:	310 litre (82 US-gallon)
Water consumption:	1 litre/washed wheel
Cleaning time/wheel:	RGP10 Monza - 30, 60, 90, 120 sec RGP12 Silverstone - 25, 50, 75, 100 sec (dry blowing not included)
Clean rinse:	0.3 litre/washed wheel

ACCESSORIES & CONSUMABLES

PART NUMBER	DESCRIPTION
R230357:	Clean rinse
R230350:	Water cleaning
R230315:	Quick lift
R230508:	Granule filter
R230794:	DoublePower granules (20kg, 44lbs)
R12038:	Hose filter (water cleaning)
R12037:	Basket filter (water cleaning)
R12076:	Flocculation powder (water cleaning)
RBIO-291:	Detergent BIO-291



RW450 Drester Powerwash Wheel Washer

The RW450 is a compact and easy to use wheel washer suitable for every workshop where tyres are handled. The advanced fixed nozzle geometry enables efficient cleaning of all types of wheels. This space saving wheel washer works with a closed water system. This means that the machine can be placed anywhere in the shop, so no requirement for a water connection or drain next to the machine. The water consumption per washed wheel is very low, 1 litre per wheel. If required, the Drester water cleaning method can be used by using a flocculation agent and a mixing motor to separate the residuals from the water. Once filtered, the clean water can be poured into the drain.

- FEATURES:**
- Improves workflow and ergonomics in the workshop
 - TPMS friendly cleaning method
 - Compact and space saving design
 - Included in delivery - 1 rubber mat, 20kg (44lbs) of DoublePower granules, heater and granule basket



TECHNICAL DATA

Wheel width:	135-305mm (5-12")
Wheel diameter:	560-800mm (22-31")
Max wheel weight:	45kg (99lbs)
Compressed air connection:	8-12bar (120-174psi)
Air consumption:	400 litre/wash cycle
Air flow:	1000 litre/min @ 7bar
Power supply:	400V, 3~, 50 Hz, 16A
	230V, 3~, 50 or 60 Hz, 32A
Dimensions (WxDxH):	1140x1005x1450mm (45x39.5x57")
Weight of unit:	220kg (704lbs) without water or DoublePower
Weight of Quicklift:	26kg (60lbs)
Water volume:	210 litre (US-gallon)
Water consumption:	1 litre/washed wheel
Cleaning time/wheel:	30, 60, 90, 120 sec (dry blowing not included)
Clean rinse:	1 litre/washed wheel

For up to date information and prices
please visit - www.redashe.com

ACCESSORIES & CONSUMABLES

PART NUMBER	DESCRIPTION
R14830:	Clean rinse
R230812:	Water cleaning
R230508:	Granule filter
R230794:	DoublePower granules (20kg, 44lbs)
R12038:	Hose filter (water cleaning)
R12037:	Basket filter (water cleaning)
R12076:	Flocculation powder (water cleaning)
RBIO-291:	Detergent BIO-291

JAODE090 2-in-1 Waste Oil Drainer

Designed to drain waste oil by either gravity or suction from engines, gear boxes and differentials of all vehicles. The emptying of the drained oil inside the reservoir is air operated.

- FEATURES:**
- Combination suction and gravity waste oil drainer unit
 - Extracts used oil from any vehicle using the venturi / vacuum extraction system, suitable for draining oil by gravity from engines, gearboxes, and differentials on all vehicles
 - Includes six suction probes (metal and flexible) equipped with quick couplers for fluid extraction
 - Adjustable collection bowl height
 - Self-evacuating feature makes emptying clean and simple

TECHNICAL DATA

Tank capacity (litre/gallon):	90/24
Max. draining capacity (litre/gallon):	80/21
Air pressure for vacuum (bar/psi):	7-8/100-114
Depressurization time (sec):	15-180
Noise level (dB):	75
Suction speed (litre/min/gallon/min):	1.5-2/0.4-0.5
with oil at 70-80°C, probes 6mm	
Total suction capacity (litre/gallon):	65-70/17-18.5
Draining hose length (m/inch):	2/79
Suction hose length (m/inch):	2/79
Max discharge pressure (bar/psi):	1/14
Tank size (mm/inch):	406x780/17x64
Collection bowl capacity (litre/gallon):	18/4.75
Collection bowl adjustable height (mm):	1000-1700
Overall size (mm):	630x415x1700
G.W. (kg/lb):	41/90.4 empty

Adaptors for BMW and Volkswagen are also included



JEF10001
Oil drainer extension funnel
suitable for the Redashe oil drainers
JAODE090 and JAOD3090.

Warning: Do not use
with corrosive or
inflammable products

JAOD3090 Air Operated Waste Oil Drainers

Designed to drain, by gravity, waste oil from engines, gear boxes and differentials of all vehicles. The emptying of the drained oil inside the reservoir is air operated.

FEATURES:

- Air operated oil drainer with centre mounted adjustable collecting bowl
- Adjustable collecting bowl height to work with jack, lift or servicing cock
- Equipped with a valve for collecting bowl to inspect drained oil before it enters the reservoir
- Can be equipped with a special support to allow filters to drain

TECHNICAL DATA

Tank capacity (litre/gallon):	90/24
Collection bowl capacity (litre/gallon):	18/4.75
Collection bowl size (mm/inch):	400x190/16x8
Maximum height (mm/inch):	1150/45
Minimum height (mm/inch):	1850/72
Hose length (m/inch):	2/79
Air pressure for empties (bar/psi):	1/14
Tank size (mm/inch):	406x780/16x31
Unit dimensions (mm/inch):	630x415x1160/25x15x45
G.W. (kgs/lbs):	32/70.5 empty
Packing volume (cbm/cft):	0.28x10
Collection bowl packing (cbm/cft):	0.02/0.7



LubeWORKS
Solution for Lubricating Equipment

Warning: Do not use with corrosive or inflammable products



For up to date information and prices please visit - www.redashe.com

JAOE1090 Air Operated Oil Drainer

FEATURES:

- Extract used oil and other fluids from any vehicle using this venturi-vacuum extracting system
- Includes six suction probes (metal and flexible) equipped with quick-disconnect couplers for fluid extraction
- Self-evacuating feature makes emptying clean and easy



TECHNICAL DATA

Tank capacity (litre/gallon):	90/24
Max. Draining capacity (litre/gallon):	70/19
Air pressure for vacuum (bar/psi):	7-8/100-114
Depressurization time (sec):	150-180
Noise level (dB):	75
Suction rate (litre/m gallon/m):	1.5-2/0.4-0.5
Total suction capacity (litre/gallon):	65-70/17-18.5
Suction hose (m/inch):	2/79
Draining hose (m/inch):	2/79
Air pressure for empties (bar/psi):	1/14
Overall dimensions (mm/inch):	630x415x1050/25x16x41
G.W. (kgs/lbs):	31/68 empty
Packing Volume (cbm/cft):	0.28/10



Warning: Do not use with corrosive or inflammable products

LubeWORKS
Solution for Lubricating Equipment



JT563190 Pump Away Oil Drainer

90L Capacity waste oil drainer for gravity collection of motor and gear oil. Equipped with a pneumatic pump, which is used for evacuating the units tank of waste oil through a dry break coupling.

Redashe



FEATURES:

- Comes complete with a Y strainer and filter regulator lubricator to increase the working life of the pump
- Adjustable collecting bowl height to work with jack or lift
- Equipped with a valve for collecting bowl to inspect drained oil before it enters the reservoir
- Complete with 2 fixed wheels and 2 swivelling wheels for easy manoeuvrability
- Selection of spares available for this drainer



TECHNICAL DATA

Tank capacity (litre/gallon):	90/24
Bowl capacity (litre/gallon):	15/4
Extension funnel diameter (mm):	580
Noise level (dB):	75
Pump ratio:	1:1
Pump working pressure (bar/psi):	5-8/70-115
Collection bowl adjustable height (mm):	1190-1730
Overall size (mm):	630x415x1730
G.W. (kgs/lbs):	37/82 empty

Warning: Do not use with corrosive or inflammable products



ZTD17P Low Level Mobile Oil Drainer

65ltr low level mobile oil drainer designed for use with heavy duty trucks, buses, RV's and other low profile automobiles.

Warning: Do not use with corrosive or inflammable products.

FEATURES:

- Eliminates the need to lift the vehicle
- 65ltr (17 gallon) capacity reservoir moulded from robust, lightweight high-impact polyethylene
- 4" nylon castors which gives better manoeuvrability
- Hose hanger keeping the hose safe when not in use
 - Removable Anti splash tray does not allow solid particles / debris of above 0.15" (3.8mm) diameter to enter the tank
- Recessed pocket at each corner provides storage space for drain plugs and filters
 - Baffles inside the reservoir prevents any oil spillage during transport
 - Manual rotary pump offers a discharge of upto 1ltr / 5 turns and comes complete with a 6ft discharge hose
 - Recommended use: Diesel, kerosene, lubricating oils up to SAE 90, non corrosive media, waste fluids including motor oil, transmission fluids, coolant, etc.



For up to date information and prices please visit - www.redashe.com

GROZ

JEVAC Oil Drainer Evacuation Kit

Wall mounted evacuation kit suitable for use with JAOD3090, JAOE1090 and JAODE090 oil drain units. This kit is designed to help shorten the evacuation time of the reservoir.

FEATURES:

- J100-S 1:1 Ratio stub pump
- JWB10001 Wall mounting bracket
- JAF2000 air regulator / lubricator
- 2m air supply hose complete with fittings
- 2m vacupress drain hose c/w dry break couplings

LubeWORKS™
Solution for Lubricating Equipment

Warning:
Do not use with corrosive or inflammable products

TECHNICAL DATA

Output capacity: 35 L/min
Air consumption: 8 bar - 100 l/min
Air inlet connection: 1/4" quick plug



ZODP16 High Density Polyethylene Oil Drain Pan



High density polyethylene oil drain pan with 16 litre capacity.

FEATURES:

- High density polyethylene construction
- 16 litre capacity
- Chemical / solvent resistant
- Built-in anti splash lip and baffles
- Large spout for fast pouring
- Supplied with threaded spout cap for safe transportation
- Approx. size (582mm x 472mm x 156mm)



ZODP16GN Anti-freeze Drain Pan

High density green polyethylene anti-freeze drain pan with a 16ltr capacity.



FEATURES:

- High density polyethylene construction
- 16 litre capacity
- Chemical / solvent resistant
- Built-in anti splash lip and baffles
- Large spout for fast pouring
- Supplied with threaded spout cap for safe transportation
- Approx. size (582mm x 472mm x 156mm)



Groz ZODP15 High Density Polyethylene Oil Drain Pan

High density polyethylene oil drain pan with 14 litre capacity. Designed for use with heavy duty large capacity equipment involving multiple oil changes.

FEATURES:

- High density polyethylene construction 14 litre capacity
- Closed design for safe and spill free disposal
- Large 8" (200mm) opening with catch all basket to hold small parts and filters.
- Integrated handle for easy carrying and handling
- Stores upright or flat without any leakage
- Complete with wheels for slosh and spill free mobility
- Recommended to be used with oil and antifreeze
- Approx. size (457mm x 406mm x 127mm)



J1200-SMDUSB Redashe Rechargeable Engineers Penlight

The engineers rechargeable LED pen light provides a bright light output of approximately 170 lumens through 6 high powered SMD's on the front and an LED end torch giving a focused light source of 70 lumens.

- FEATURES:
- High capacity lithium-ion rechargeable battery for longer life and consistent power
 - Main optical lens providing a 90° floodlit work area
 - 6 high output SMD's giving approximately 170 lumens
 - Single LED end torch giving 70 lumens
 - USB cable for recharging
 - Easily visible charging indicator built into lamp
 - Complete with an integrated pen clip and magnet
 - Robust, impact resistant, aluminium lamp housing

For up to date information and prices please visit - www.redashe.com

TECHNICAL DATA	
Flux	Rechargeable
Dimensions	180mm x 23mm x 20mm
Materials	Aluminium and ABS plastic
Charging time	2 1/2" hours
Operation time	Maximum 2 1/2" hours of constant use



J1800 USB Rechargeable Work Light

6 SMD, USB Rechargeable, 6 position foldable 180 degree cam work flood and torch light, complete with hanging hooks and magnets for complete operator versatility.

- FEATURES:
- 6 SMD's housed behind an innovative optical lens produce an exceptional 90 degree floodlit work area of 350 lumens
 - 1 W high powered flashlight / torch end light with filtered lens produces an 80 lumen directional beam
 - Lithium-ion rechargeable battery ensures longevity of battery life and an operation time of 3 - 7 hours
 - 3 powerful magnets, 2 on the back and 1 in the base allowing for hands free operation
 - 6 position positive cam allows the lamp to bend through 180 degrees
 - Two 360 degree hanging hooks for use when alternatives to the magnetic function is required
 - Robust, impact resistant and ergonomically designed lamp housing with wrist lanyard
 - Supplied with 240V and USB charging leads
 - Built in automatic charging cut off ■ Available in red and black

TECHNICAL DATA	
Flux	Main light: 350 lumens, end torch: 80 lumens
Dimensions	250mm x 55mm x 30mm
Materials	Primarily ABS plastic
Battery	Lithium-ion 3.7V DC, 2100mA
Charging voltage	5V DC
Charging time	5 hours
Operation time	Min. 3 hours, max. 7 hours



J2500-HLI Redashe Rechargeable COB Foldable Light

The J2500-HLI has a 400lm single strip COB LED which produces an exceptionally bright floodlit area. In addition to the strip light there is a 150lm LED end light which provides an additional directional / torch function.

- FEATURES:
- 4-Watt single strip COB LED for a wider and brighter lighting area
 - 0.5-Watt LED bulb top light offers an additional flashlight function
 - Lithium-ion rechargeable battery for longer life and consistent power
 - Built in battery level indicator
 - Type-C fast charging port protected by a rubberized bezel
 - Unique spring loaded clamping base
 - Super strong magnet on base to affix to any magnetic surface
 - Magnetic top torch doubles as a pick-up tool

Redashe



TECHNICAL DATA	
Materials	Aluminium and ABS
Battery	3.7V 2200mAh Li-ion battery
Lumen	Front COB: 400, top light 50
Charging time	4 hours
Operation time	3 hrs at full intensity / 10 hrs at lowest intensity
SMD - LED	Front 4w COB, top light 0.5w SMD

J3000-DF05B Redashe Rechargeable COB Foldable Worklight

The updated J3000-DF05B has two light sources a powerful 3W main COB LED strip flood light and a 1w spot light in the end, they are housed in an aluminium case for increased strength. The handle is moulded from durable TPE which is ergonomically designed to provide a comfortable grip. The lamp also features an impact resistant high clarity polycarbonate lens and the work light is water and oil splash resistant. The light can be charged with the desk charger or can be charged directly via a USB cable.

- FEATURES:
- High capacity lithium-ion rechargeable battery for long work life
 - Strong impact resistant hi-clarity polycarbonate lens
 - Ergonomically designed body for a comfortable grip
 - Strong light output around 200 lumens ■ Desk charger
 - Powerful magnet in the back ■ 1W end lamp
 - Shock, water and oil resistant ■ 150° fold away from frame
 - Easy to operate switch even when wearing gloves

TECHNICAL DATA	
Power supply type:	Rechargeable
Materials	Aluminium / thermoplastic elastomer case
Battery	2000mAh
Charging system	Input: 200-240V AC 50 - 60 Hz Output: 5V / 1A DC
Charging time	3.5 hours
Operation time	3 hours minimum after full charge
SMD - LED	3W COB main light and 1W end light



Redashe JK120 Rechargeable Headlamp

Complete with 3 light level adjustments on main light, 100%, 50% and flash. Featuring a red COB warning auxillary lamp which has two levels, a constant red light which can be used as a hazard warning light and a red flashing light which can be used as an SOS rescue lamp.

- FEATURES:**
- Adjustable zoom head lamp for spotlight or floodlight applications
 - Infrared manual sensor system for a more convineint operation
 - Lithium-ion rechargeable battery for longer life and consistent power
 - Built in battery level indicator on the front of the headlamp
 - The lamp head can be adjusted 80° up and down
 - Non-slip elastic head strap

TECHNICAL DATA	
Lumens	400LM
Dimensions	68 x 50 x 50mm
Weight	112g
Body Material	Aluminium Alloy and ABS
Charging time	Approx 4 hours
Operation time	Approx 5 hours max



Redashe JETW007 rechargeable slim work light

Rechargeable COB rotational / multi directional work light provides a bright light output of approximately 260 lumens. The body lights are constructed from a light weight and durable ABS. The built in battery monitor located in the handle gives a clear visual indication of battery status. Light available in red (JETW007YR), yellow (JETW007Y) and green (JETW007G).

- FEATURES:**
- Dimmable operational switch to create a floodlite or focussed beam
 - Swivelling base with strong built in scratch proof magnet
 - Smooth wand pivot of up to 150°
 - Lamp body rotates up to 270°
 - Charging time; Approx. 3hrs
 - Minimum operation time: 2hrs
 - Ergonomic and comfort grip handle
 - Micro USB weatherproof charging point complete with charging indicator



J3500-SMD Rechargeable Slim Light

The J3500-SMD – Has 15 high output SMD's with two power settings, the first of which is exceptionally bright giving approximately 600 lumens and will run for 4 hours. The 2nd setting will reduce the light output but increase the run time to 7 hours. The built in battery monitor located in the handle gives a clear visual indication of battery status. Recharging the light will take 5.5 hours; this can be done using the included USB plug and cable or any USB port. The unit is constructed from ABS plastic and aluminium making the unit very robust. The aluminium light wand is extremely slim (7mm) allowing the light access to difficult to reach areas. The built in hook and magnet allow for hands free working in confined areas. The light pivots in the centre through 150° each step is thirty degrees this allows the light to be directed exactly where it is required.

- FEATURES:**
- Ultra slim (7 mm) designed to access difficult areas
 - Robust aluminium body
 - 15 High output SMD's, approximately 600 lumens (max 7.5w)
 - High capacity lithium-ion rechargeable battery for longer life and consistent power
 - Powerful magnet on base for hands free operation
 - Top mounted 360° rotating hanging hook for hands free operation
 - Lamp body pivots up to 150° in 30° increments, allowing the operator to direct the strip light accurately
 - Built in automatic charging cut off, protecting the battery from overcharging
 - Built in battery level indicator on the handle
 - Supplied complete with AC/DC adaptor, 100 - 240V, USB plug and USB charging lead



TECHNICAL DATA	
Power supply type	Rechargeable
Materials	Aluminium / ABS plastic
Battery	4400 mAh
Charging system	Input: 100-240VAC Output: 5V 2A
Charging time	5.5 hours
Operation time	Full brightness mode: 4 hours Reduced brightness mode: 7 hours
SMD - LED	15 - 7.5W

JLED-150 Palm Light

The Palm held 2W COB work light is ideal for maintenance, professionals, mechanics, drivers, supervisors etc. The 2W COB light produces 200 lumens for a flooding beam of focused light.

- FEATURES:**
- Swivelling magnetic base, The base can swivel up to 180° to adjust to the required angle
 - Super strong magnetic base makes it easy to mount onto any metallic surface for hands free use
 - Comes fitted with a pocket / belt clip for easy mobility and rotating hook
 - Constructed from a light weight and durable ABS body with a rubber coating
 - Micro USB charging port protected by rubberized bezel

For up to date information and prices please visit - www.redashe.com

TECHNICAL DATA	
Dimensions:	30mm x 60mm x 125mm
Materials:	ABS plastic
Charging time:	3 hours
Operation time:	Maximum 3 hours of constant use



Redashe Rechargeable Slim Floodlight

JBSFFLY10- Yellow / JBSFFLR10- Red /JBSFFLG10 - Green

The professional slim foldable rechargeable flood light has two light settings emitting either 400 or 800 lumens, the 50% light setting provides a soft light (2700K CCT) which is easy to work with, while the 100% setting gives a bright white light (6500K CCT) will provide illumination over a longer distance. The Aluminium body and stand allows for multiple light positions.

- FEATURES:**
- 20 High output SMD's (Epistar), providing approximately 800 lumens
 - 2 power settings 100% or 50% intensity, 2 - 4 hours work time
 - Colour temperature 2700K or 6500K depending on output
 - Power consumption 10 watt
 - Beam angle 120°
 - Robust aluminium body and stand
 - High capacity Lithium-ion rechargeable battery for consistent power
 - Automatic charging cut-off to protect the battery
 - Charging time 5 hours
 - Supplied complete with AC/DC adaptor 100-240V
 - IP55
 - Available in red, green and yellow



TECHNICAL DATA	
Power supply type	Rechargeable
Materials	Aluminium / thermoplastic elastomer case
Battery	4400 mAh
Charging system	Input: AC 100-240 V 50-60 HZ Output: 8.4V 1A
Charging time	5 hours
Operation time	2 to 4 hours
SMD - LED	20 SMD's (Epistar)

JBSFL25 Redashe Rechargeable Slim Flood Light

The JBSFL25 has 50 super bright SMDs with three power settings. Setting 1 offers 2,400 lumens with a battery life of 3 hours. Setting 2 offers 1,500 lumens with a battery life of 4.5 hours. Setting 3 provides 800 lumens with a battery life of 7 hours.

- FEATURES:**
- Robust slim aluminium body
 - Comes complete with an integrated stand which can also be used as a hanging hook
 - USB power outlet for USB devices i.e. Phones and MP3 players
 - Moulded rubber edge protection will deal with the knocks and shocks of everyday use
 - IP65 (dust and water splash proof)



TECHNICAL DATA	
Power supply	Rechargeable
Materials	Aluminium and rubber
Battery	4400 mAh
Charging system	Input: 100 - 240VAC
Charging time	Approx 3.5 hours
Operation time	Setting 1: 3 hours Setting 2: 4.5 hours Setting 3: 7 hours
SMD - LED	50 SMDs

JF8110-10 Redashe Rechargeable Compact Flood Light

The JF8110-10W boasts a super bright 1000 lumen COB LED with 2 power settings housed in a robust slim cast aluminium body.



- FEATURES:**
- Complete with integrated positive position stand
 - Stand can also be used as a hanging hook or carry handle
 - Battery life / charging indicator complete with transparent dust flap
 - Lamp has outlet port for charging USB devices, phones, ipads etc.
 - Lamp complete with rubberised plastic corner protectors
 - USB or 240V rechargeable
 - IP54 (Limited dust and water splash proof)

TECHNICAL DATA	
Power	Rechargeable
Battery	3.7V 4400 mAh
Body material	Aluminium and steel
Charging system	12 - 240 VAC
Charging time	Approx. 5.5 hours
Operation time	Approx. 3 hours
LED	1000 lumen COB



Rechargeable Flood Light 10w

JBRFL10 - Red / JBYFL10 - Yellow / JBGFL10 - Green

Super Bright Rechargeable LED floodlights with built in high quality li-ion battery. The lamp rotates through 360°. Dust proof and water resistant. A compact ultra-bright LED floodlight, ideal for use in workshops, outside night work, camping, etc.



- FEATURES:**
- IP65 water and dust resistant, suitable for outside use
 - Supplied with mains and 12V vehicle charger
 - Portable - Quick and easy to use
 - Non-Slip rubber feet
 - No cable, good for health and safety, reduces trip hazard
 - Adjustable locking hand wheels for easy directional adjustment



TECHNICAL DATA	
Power	10W
Flux	Approx. 700 lm
Dimensions	148.5 x 165 x 233mm
Body material	Aluminium and steel
Operating voltage	DC12V / DC24V
Charging time	3 hours
Operation time	5 hours
Accessories	AC/DC adaptor

Reelworks - 2752/2753 Series

The 2752/2753 compact spring rewind hose reel is constructed in durable impact resistant polypropylene. Supplied complete with 15 metre super flexible hybrid polymer hose, 1.5 metre inlet hose and integral pivoting wall bracket. The compact size makes this reel ideal for use in smaller workshops where space is limited.

- FEATURES:**
- Supplied with 15 metre flexible, premium hybrid polymer hose
 - Hose has no memory and lays flat when in use
 - High quality, durable polypropylene housing
 - Fully automatic spring rewind
 - Low effort easy to use rewind tension
 - Integral pivoting wall bracket, swivels through 180°
 - Latching of hose at any length
 - Latching system can be set to free run if required
 - Working pressure up to 300 psi (20 bar)



Item	Temp. °C	Max pressure	Hose capacity		Dimensions (cm) WxDxH	NW/GW (kgs)
			I.D. (inch)	Length		
C2753	60°C	300psi (20bar)	1/2"	15m	19 x 42 x 37	8.2/9.7
C2752	60°C	300psi (20bar)	3/8"	15m	19 x 42 x 37	6.0/7.0

Reelworks C2782/3 high visibility safety reel

The C2782/3 multi-functional 'hi visibility' safety spring rewind air hose reel has an automatic rewind system which prevents the hose from bunching when retracting the hose back. The system layers the hose back onto the reel from side-to-side, neat and tidy every time. The slow retraction system will prevent the hose from speeding back to the reel if the operator accidentally lets go of the hose. This safety feature helps to protect people against injury and objects from potential damage. The reel is supplied complete with a hybrid polymer hose which lays flat when in use with no recoil effect and stays flexible even in extremely cold conditions. Manufactured from high impact UV stabilised polypropylene making the reel tough, lightweight, and corrosion free. 2 year limited warranty.

- FEATURES:**
- Automatic guide system - no bunching of hose, layers hose from side to side neat and tidy every time
 - Slow retraction system - prevents hose from speeding back to the reel if the hose is let go - safe operation
 - Low tension spring
 - Latching of hose at any length
 - Working pressure up to 300 psi (20 bar)
 - Suitable for compressed air and water



Item	Max pressure (psi/bar)	I.D. (inch)	Length (ft/m)	Dimensions (cm)	Approx. weight
C2782	300/20	3/8"	50' / 15m	38 x 20 x 40	6.5kg
C2783	300/20	1/2"	50' / 15m	50 x 21 x 45	10kg

TRB6100/ TRB6200 Tundra Air Hose

Tundra air hose is super flexible, being manufactured from a hybrid polymer material which has unique properties, allowing the hose to lay flat, without trying to recoil itself, even in freezing conditions. These characteristics make it suitable for use in areas where polyurethane, rubber or PVC hoses may become too inflexible to use.

- FEATURES:**
- Working temperature range: -40°C to 65°C
 - Working pressure up to 300 psi
 - Resists kinking even under pressure
 - Tundra hose has no memory and lays flat when in use



For up to date information and prices please visit - www.redashe.com



TRB6300 Flexible Hybrid Polymer Hose 1/2" x 30m



TECHNICAL DATA	
Hose capacity	100' / 30m
Hose ID	1/2"
Max PSI	300psi / 20bar
End caps	1/2" BSPTM brass ends



This flexible hybrid polymer hose has zero memory allowing it to lay flat and not work against you during operation.

- FEATURES:**
- Superior bend radius
 - High abrasion
 - Chemical resistance
 - Easy coiling after use
 - Heavy Duty PVC Bend Restrictors on both ends
 - Kink resistant under pressure
 - Max working pressure is 300psi / 20 BAR
 - Complete with 1/2" BSPTM brass ends
 - Extreme flexibility even in sub-zero working temperature (-40° F to + 176° F / -40°C to + 80°C)

12pc Combination Box Wrench Set 6-19mm

RA166412MB



FEATURES:

- Constructed from chrome vanadium steel, strong and durable
- Superb mirror finish, easy clean
- 15 degree open ended offset
- 12 point spanner ring end
- 12 individual combination spanners
- Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17 and 19mm

12 piece metric combination wrench set supplied in a unique blown robust display / storage tray.



8pc Gear Ring Wrench Set

RATTK-34

8 piece metric reversible gear wrench set contained in a quality blown case with moulded insert tray



FEATURES:

- Constructed from chrome vanadium steel, strong and durable
- Superb mirror finish, easy clean
- 12 point geared spanner ring end
- 72 tooth gear construction with only 5° incremental movement
- 15° open ended offset
- Set comprises of 8 individual gear wrench spanners
- Sizes in set: 8, 10, 11, 12, 13, 14, 17 and 19mm



12pc Combination Wrench Set 8-24mm

RATTK-4P

12 piece metric combination wrench set supplied in a robust blown case with moulded insert.

FEATURES:

- Constructed from dura-chrome vanadium steel, strong and durable
- Superb mirror finish, easy clean
- 15 degree open ended offset
- 12 point spanner ring end
- 12 individual combination spanners
- Sizes: 8, 9, 10, 12, 13, 14, 17, 19, 20, 21, 22 and 24mm



30pc 1/2" Drive Metric Socket Set

RA4630MP

30 piece 1/2" drive mirror finished metric socket set contained in a quality metal box with moulded insert tray.

FEATURES:

- Quick release 36 gear directional ratchet (RA4100PQ)
- Universal joint - 70mm / 2 3/4"
- Sliding 'T' bar - 300mm / 12"
- Flexible handle - 380mm / 15"
- 2x extension bars - 125mm / 5" and 250mm / 10"
- Speed handle - 135mm / 17"
- 23 individual 1/2" drive 6 point flank sockets
- Socket sizes - 8mm to 28mm Inclusive + 30mm and 32mm



23pc 3/8" Drive Metric Socket Set

RATTK-15

23 piece 3/8" drive mirror finished metric socket set contained in a quality blown case with moulded insert tray.



FEATURES:

- Quick release 36 tooth mirror finished directional ratchet (RA3100PQ)
- Sliding 'T' bar
- 3x extension bars - 75mm, 150mm and 300mm
- 17 individual socket - 6mm to 22mm inclusive
- Universal joint



For up to date information and prices please visit - www.redashe.com

8pc Ball Point & Hex Key Wrench Set

RATTK-20

Combination ball point and hex key wrenches supplied in a robust blown case with moulded insert tray.

FEATURES:

- Ergonomically designed handles provide extra comfort and less fatigue, allowing the operator to deliver maximum controlled torque
- Handles complete with nylon reinforced lanyard hole
- Constructed from S2 steel for additional durability and strength
- The black case hardened hex ball end allows the wrench to be used at an angle in restricted areas
- Sizes in set: 2 x 100mm, 2.5 x 100mm, 3 x 100mm, 4 x 150mm, 5 x 150mm, 6 x 150mm, 8 x 200mm, 10 x 200mm



7pc Star & Security Key Wrench Set

RATTK-19

Two way star and tamper proof key wrenches torx key set features hollow tips for use with tamper-proof security fasteners supplied in a quality blown case with moulded insert tray.

FEATURES:

- Comfort handle with anti slip allows for easy use with either end
- Satin chrome shank with hardened tip and standard security end
- 7pcs star and security key wrench set includes: TH10 x 100mm, TH15 x 100mm, TH20 x 100mm, TH25 x 150mm, TTH27 x 150mm, TTH30 x 150mm, TTH40 x 200mm



9pc 3/8" Star Bit Security Socket Rail

RA36025-9C

FEATURES:

- Constructed in CRV, strong and durable
- Mirror / brushed satin finish
- TS15, TS20, TS25, TS27, TS30, TS40, TS45, TS50 and TS55
- Overall length: 50 mm



9 piece 3/8" drive star bit security socket set supplied on rail.

For up to date information and prices please visit - www.redashe.com

tel: +44 (0)1252 785010 email: info@redashe.com www.redashe.com

9pc Long Handle Star key Set

RA16742-29T

9 Piece extra-long star wrench set supplied with a convenient belt clip and hanging holder.

FEATURES:

- Constructed from S2 tool steel for added durability and strength
- The extra-long (Max 230mm) design allows access to those difficult to reach areas
- With extra length on the long leg the operator can deliver additional torque as necessary
- Nickel plated satin finish
- Sizes in set: T10, T15, T20, T25, T27, T30, T40, T45 and T50



9pc Long Hex Key Ball Point Set

RA16773-29M

9 piece metric ball point hex key wrench set supplied with a convenient belt clip and hanging holder.

FEATURES:

- Constructed from S2 tool steel for added durability and strength
- Ball end allows the wrench to be used at an angle allowing greater access
- Nickel plated satin finish
- Sizes in set: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10mm



8pc 3/8" Hex Bit Socket Rail

RA36026-8C

8 piece 3/8" drive hex bit socket set supplied on rail

FEATURES:

- Constructed in CRV, strong and durable
- Mirror / brushed satin finish
- 3mm to 8mm, 10mm and 12mm
- Overall length: 50 mm



Unit 8, The Brook Trading Estate, Deadbrook Lane, Aldershot, Hampshire GU12 4XB

4pc 1/2" Drive Stud Puller Socket Set

RA4391M

4 piece 1/2" Drive stud puller socket set supplied in a robust blown case. Ideal for removing broken or seized studs from engine blocks, exhaust manifolds and cylinder heads etc.

FEATURES:

- Constructed from high grade chrome vanadium steel
- Superb mirror / brushed satin finish, easy clean
- Special tool to extract stud quickly and efficiently
- Sizes: 6, 8, 10 and 12mm



7pc 1/2" Drive Lock-Nut Remover Socket Set

RA46497

7 piece 1/2" Drive lock nut remover set supplied in a robust blown case.

FEATURES:

- Sockets constructed from chromoly bdenum and finished in black phosphate
- Internal threads to grip the locking wheel nut or stripped lock on most vehicles
- Removes factory and most aftermarket wheel lug nut lock without factory original key
- Sizes: 17, 18.5, 20, 21.5, 23, 24.5 and 26



8pc 1/2" Hex Bit Sockets

RA46026-8

8 piece 1/2" drive metric hex bit socket set contained in a quality blown moulded case.

FEATURES:

- Superb quality, extremely robust
- Mirror / brushed satin finish
- 6, 7, 8, 10, 12, 14, 17 and 19mm
- Overall length: 60 - 70mm



For up to date information and prices please visit - www.redashe.com

12pc 3/8" Short Socket Set 8 - 19mm

RA3612M

FEATURES:

- Constructed in CRV, strong and durable
- Mirror / brushed satin finish
- 12 individual sockets - 8mm to 19mm Inclusive
- Thin wall design for easy access to restricted areas
- Meets with DIN and ANSI standards



11pc 1/4" Deep Socket Set 4 - 14mm

RA2611MD

FEATURES:

- Constructed from high grade chrome vanadium steel
- Superb mirror / brushed finish, easy clean
- Product complies with DIN and ANSI standards
- 6 Point flat to flat driving allowing more torque to be applied
- Thin wall design allowing easier access to restricted areas
- Sizes in set: 4mm to 14mm inclusive
- Overall socket length: 50mm



12pc 3/8" Deep Socket Set 8 - 19mm

RA3612MD

FEATURES:

- Constructed from high grade chrome vanadium steel
- Superb mirror / brushed finish, easy clean
- Product complies with DIN and ANSI standards
- 6 Point flat to flat driving allowing more torque to be applied
- Thin wall design allowing easier access to restricted areas
- Sizes in set: 8mm to 19mm inclusive
- Overall socket length: 63mm



10pc 1/2" Deep Socket Set 10 - 24mm

RA4610MD

FEATURES:

- Constructed from high grade chrome vanadium steel
- Superb mirror / brushed finish, easy clean
- Product complies with DIN and ANSI standards
- 6 Point flat to flat driving allowing more torque to be applied
- Thin wall design allowing easier access to restricted areas
- Sizes in set: 10mm to 14mm, 17mm, 19mm, 21mm, 22mm and 24mm inclusive
- Overall socket length: 76mm



8pc 3/8" Drive Impact Socket Set

RA83609M

8 piece 3/8" drive impact socket set supplied complete with robust steel non-spill storage tray.

For up to date information and prices please visit - www.redashe.com

FEATURES:

- 3/8" square drive
- 6 point flat-to-flat drive giving more turning power and reducing risk of nut / bolt rounding off
- Set includes 8, 10, 11, 12, 13, 14, 17 and 19 mm sockets
- Sockets constructed from chromoly bdenum and finished in black phosphate
- Suitable for use with impact wrenches



9pc 1/2" Drive Impact Socket Set

RA84609M

9 piece 1/2" drive impact socket set supplied complete with steel storage / transport clasped box, with locating sprues for easy identification of any missing sockets.

FEATURES:

- 1/2" square drive
- 6 point flat-to-flat drive giving more turning power and reducing risk of nut / bolt rounding off
- Set includes 10, 12, 13, 14, 16, 17, 19, 21 and 22mm sockets
- Sockets constructed from chromoly bdenum and finished in black phosphate
- Suitable for use with impact wrenches



8pc 1/2" Drive Impact Socket Set

RA84608MBC

8 pc 1/2" drive, colour coded impact socket set, suitable for use with impact wrenches, supplied in a robust blown case.

FEATURES:

- 6 point flat to flat drive allowing more torque to be applied, whilst reducing the risk of nut / bolt rounding
- Thin wall design allowing easier access in restricted areas
- Standard socket sizes include: 17, 19, 21, and 22mm
- Deep socket sizes include: 17 (blue), 19 (green), 21 (red) and 22mm (yellow)
- Sockets constructed from chromoly bdenum and finished in black phosphate



1/4" Drive Quick Release Ratchet

RA2100PQ

1/4" drive ergonomically designed 36 tooth quick release ratchet.

FEATURES:

- Constructed in CRV, strong and durable
- 36 gear design, 10 degree movement between teeth
- Superb mirror finish, easy clean
- Quick release button for ease of changing sockets
- Single hand operation to change direction
- Dimensions: (L x W x H) - 125 x 26 x 21mm



3/8" Drive Quick Release Ratchet

RA3100PQ

3/8" drive ergonomically designed 36 tooth quick release ratchet.

FEATURES:

- Constructed in CRV, strong and durable
- 36 gear design, 10 degree movement between teeth
- Superb mirror finish, easy clean
- Quick release button for ease of changing sockets
- Single hand operation to change direction
- Dimensions: (L x W x H) - 180 x 32 x 30mm



3/8" Drive Quick Release Flexi Head Ratchet

RA3140PQ

3/8" drive ergonomically designed 45 tooth quick release ratchet with lockable flexi head.

FEATURES:

- Constructed in CRV, strong and durable
- 45 gear design, 8 degree movement between teeth
- Superb mirror finish, easy clean
- Quick release button for ease of changing sockets
- Single hand operation to change direction
- 180° locking flexi-head
- Dimensions: (L x W x H) - 280 x 34 x 28mm



1/2" Drive Quick Release Ratchet

RA4100PQ

1/2" drive ergonomically designed 36 tooth quick release ratchet.

FEATURES:

- Constructed in CRV, strong and durable
- 36 gear design, 10 degree movement between teeth
- Superb mirror finish, easy clean
- Quick release button for ease of changing sockets
- Single hand operation to change direction
- Dimensions: (L x W x H) - 250 x 40 x 38mm



For up to date information and prices please visit - www.redashe.com

11pc 1/2" Drive Torque Wrench Set 40-210n

RA4673

The Hans Tools micro torque wrench is an accurate analogue wrench allowing for the correct torque to be applied to nuts and bolts. Meeting DIN-ISO 6789, 3120 and 1174 plus ANSI/ASME B107.14M standards.

FEATURES:

- The set comprises of 1/2" torque wrench 40-210NM
- (RA4170GNC), 1/2" ratchet reversible head (RA4171H), claw foot head sizes 13, 14, 15, 17, 19, 22, 24, 26, 27 and 30mm (RA4171S) and robust blown vinyl case
- The easy to use micro adjuster is held in place while in use, by a locking ring
- The wrench has both Nm; ft-lb and is supplied with a calibration certificate. +/- 4%



1/2" Drive Micro Torque Wrench

RA4172G

1/2" drive analogue micro-torque wrench supplied in a robust blown carry / storage case.

FEATURES:

- Each torque wrench individually serialised
- Supplied with calibration certificate - accuracy +/- 4%
- Easy torque selection for both Nm and Ft/Lb
- Torque range: 40 - 200 Nm or 30 - 150 Ft/Lb
- Clear vision scale reading window
- Robust and ergonomically designed handle grip
- Total length: 21" / 530mm



3/8" Drive Micro Torque Wrench

RA3172G

3/8" drive analogue micro-torque wrench supplied in a robust blown carry / storage case.

FEATURES:

- Each torque wrench individually serialised
- Supplied with calibration certificate - accuracy +/- 4%
- Easy torque selection for both Nm and Ft/Lb
- Torque range: 20 - 100 Nm or 15 - 75 Ft/Lb
- Clear vision scale reading window
- Robust and ergonomically designed handle grip
- Total length: 13 3/8" / 440mm



3pc 3/8" Dual Drive Extension Bar Set

RA3853-11

FEATURES:

- Both vertical and wobble drive
- Constructed in CRV, strong and durable
- Mirror / brushed satin finish
- 3 different lengths: 40mm, 75mm and 150mm



Flexible Extension

RA2801-10

FEATURES:

- Constructed from high grade chrome vanadium steel
- Superb mirror finish, easy clean
- Flexible steel wire braid allows access into obstructed areas
- Overall length: 250mm / 10"
- 1/4" drive



1/2" Drive Breaker Bar

RA4700P-24

FEATURES:

- Essential for unfastening those extra tight nuts and bolts
- Constructed in CRV, strong, durable and ergonomic
- Ergonomically designed flexible handle
- Superb mirror finish, easy clean
- 1/2" drive and 24" long



For up to date information and prices please visit - www.redashe.com

15pc Screwdriver Bit Set

RAPTBS-15C

1/4" drive 15 piece popular screwdriver bit set contained within a handy sized case with spring loaded bit holders and driver housing.

Redashe

FEATURES:

- Case features positive clasp, translucent lid and rotating belt clip
- All bits constructed from high grade S2 tool steel
- Set includes a high quality quick release magnetic bit holder
- 4 pieces of pozidrive bits (PZ1, 2 x PZ2, PZ3)
- 2 pieces of flat drive bits (FD3, FD5)
- 2 pieces of phillips drive bits (PH1, PH2)
- 4 pieces of torx drive bits (T10, T20, T25, T40)
- 2 pieces of hex drive bits (H4, H5)



33pc Magnetic Back-up Bit Set

RA6032

1/4" drive, 33 piece security and less common screwdriver bit set contained within a rubberised moulded case.

Hans Tools



FEATURES:

- A must have for engineers and mechanics working on commercial vehicles, european manufactured cars and the aviation industry
- Stainless steel 60 mml magnetic bit holder
- All bits constructed from S2 modified steel
- 9 pieces of security torx (TS8, TS10, TS15, TS20, TS25, TS27, TS30, TS35 and TS40)
- 3 pieces of mortorq drive (6, 8 and 10)
- 4 pieces of tri-point drive (1, 2, 3, and 4)
- 6 pieces of imperial hex security (5/64", 3/32", 7/64", 1/8", 9/65" and 5/32")
- 6 pieces of metric hex security (2, 2.5, 3, 4, 5 and 6)
- 4 pieces of snake eye / pig nose bits (4, 6, 8 and 10)



Precision Screwdriver Set

RA06100-6

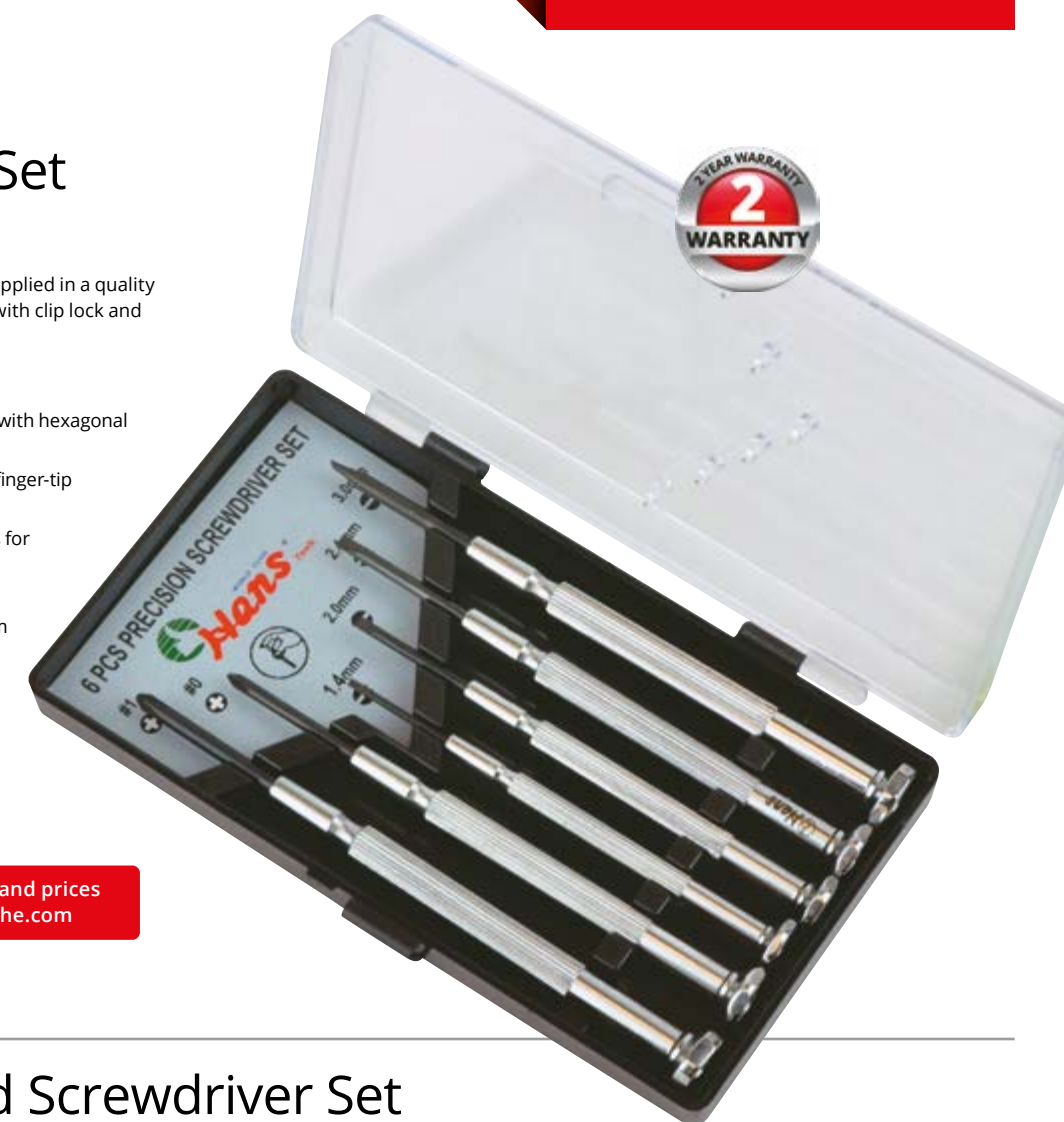
6 piece precision screwdriver set supplied in a quality hinged plastic carry / storage case with clip lock and transparent lid.

FEATURES:

- Complete set of six screwdrivers with hexagonal handle and revolving head
- Nickel-plated, fluted handles for finger-tip control and rust prevention
- Tempered and blued steel blades for long life
- Sizes Included in Set: + #1, + #0, -1.4mm, -2mm, -2.4mm and -3mm

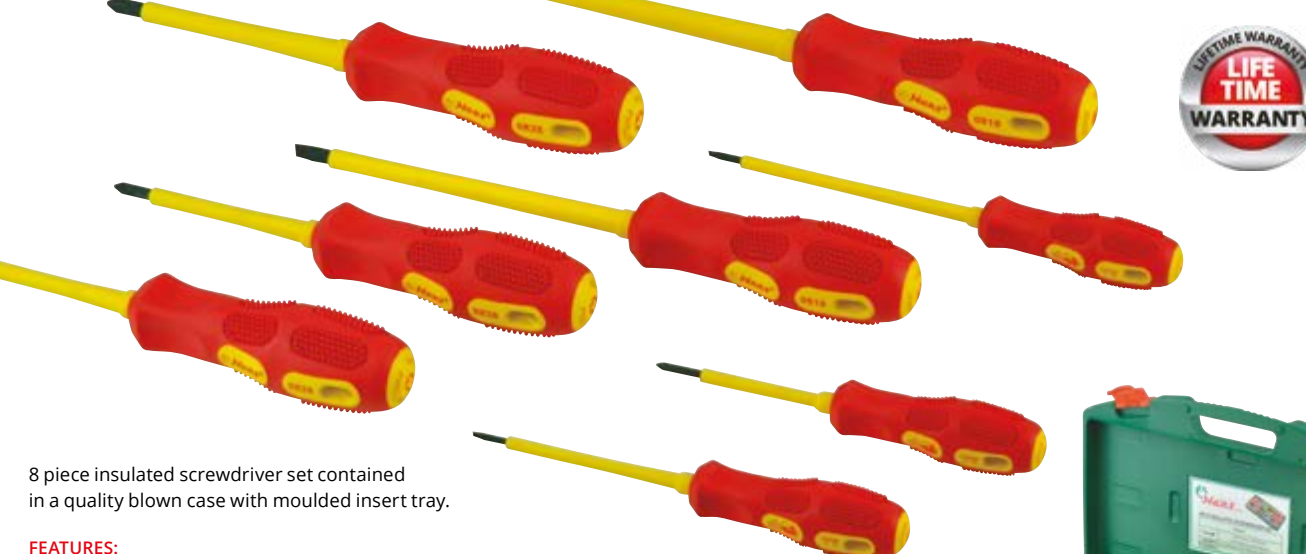
Hans Tools

For up to date information and prices please visit - www.redashe.com



8pc Insulated Screwdriver Set

RATTK-41



8 piece insulated screwdriver set contained in a quality blown case with moulded insert tray.

FEATURES:

- Ergonomically designed handles provide extra comfort, with less fatigue allowing the operator to deliver maximum, controlled torque
- Safety rated to 1000 V
- Handles complete with nylon reinforced lanyard hole
- High performance black hardened magnetic driving tips
- Slotted - 2.5 x 75mm, 3 x 100mm, 5.5 x 125mm, 6.5 x 150mm
- Phillips - PH0 x 60mm, PH1 x 80mm, PH2 x 100mm
- Pozi - PZ1 x 80mm

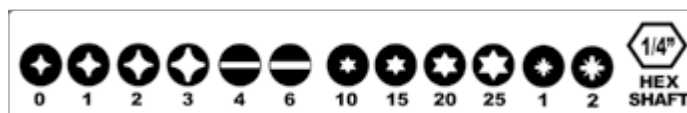
Hans Tools



13 in 1 Ratchet Screwdriver

RD/SD/7R

Patent pending ZAD 8 zinc alloy solid core ratchet that delivers over 225 lbs (25Nm) of torque strength
Precision 28-tooth ratchet design makes driving fasteners quicker and easier.



FEATURES:

- Professional quality ratchet screwdriver made in Canada
- Heavy duty nylon reinforced handle and chamfered solid steel shaft for long life and durability
- Patented retractable bit cartridge provides time saving and space saving convenience
- Cushion grip, tapered designed handle provides extra comfort and less fatigue



8pc Screwdriver Set

RATTK-10U

8 piece multi-purpose screwdriver set contained in a quality blown case with moulded insert tray.

FEATURES:

- Ergonomically designed handles provide extra comfort, with less fatigue allowing the operator to deliver maximum, controlled torque
- Handles complete with nylon reinforced lanyard hole
- Specially hardened and tempered SNCM + V steel blade
- High performance black hardened magnetic driving tips
- Slotted - 4 x 100mm, 5.5 x 125mm, 6.5 x 1500mm, 6.5 x 38mm
- Phillips - PH1 x 100mm, PH2 x 150mm, PH2 x 38mm
- Pozi - PZ1 x 100mm



For up to date information and prices please visit - www.redashe.com

7pc Go-Thro Screwdriver Set

RA06500-7B

Go-thro set containing both slotted and Phillips drive screwdrivers supplied in displayable retail packaging.

FEATURES:

- Ergonomic contoured handles for comfort and increased grip
- Go-thro hex bolsters for increased torque when applying a spanner to the shank
- Magnetic tips to hold screws in place
- Slotted sizes in set: 5.5 x 100mm, 6.5 x 100mm, 6.5 x 150mm and 8 x 200mm
- Phillips sizes in set: PH1 x 75mm, PH2 x 100mm and PH2 x 150mm



Dead Blow Hammer

RA5700-18

Ergonomically designed polyurethane dead blow hammer with ribbed handle to prevent slippage.

FEATURES:

- Striking head filled with steel ball shot
- Dead blow design eliminates rebound and delivers more power
- Suitable for the careful driving of bearings, casings, sleeves, sealing rings etc.
- Length: 285 mm
- Weight: 18oz / 500g



16oz Fibreglass Handle Rubber Mallet

RAMLTR16BFG

14" Fibreglass handle 16oz rubber mallet extensively used as a general purpose soft striking tool in automotive, industrial, brewing, DIY, carpentry, garden landscaping or worksite applications.



For up to date information and prices please visit - www.redashe.com

4pc Circlip Pliers Set

RATT-11

The Hans tools 7" circlip pliers set is made from chromium-nickel steel, complete with anti-slip turned tips, comfort non-slip handles and packaged in a blown vinyl tool tray / display box.

FEATURES:

- Constructed from chrome nickel steel and PVC handle for added grip
- Turned tips
- Spring loaded (external circlip pliers)



4pc Engineers Pliers Set

RATT-26

The Hans Tool engineer's pliers set includes 4 of the most commonly used pliers, making this set a must have in any tool box. High frequency hardened cutting edges, comfort non-slip handles, hot riveted ensures smooth action with no handle wobble.

FEATURES:

- Constructed from chrome vanadium steel and PVC handle for added grip
- Hardened cutting edge



Hose Clamp Pliers

RAPTHCP-241A

The pliers have an in-built ratchet mechanism that will hold the jaws open whilst gripping the hose clamp. The unique jaw design makes it easier to remove and replace a variety of hose clips, hose bands and hose clamps, especially in difficult to access areas. Pliers supplied in easy to display packaging.

FEATURES:

- The ratchet mechanism has built-in lock-out and quick release capabilities
- Jaw is spring loaded / assisted
- Jaw constructed from Cr-Mo (41xx Steel)
- Jaw adjustment 0 - 38 mm max.
- Handles complete with PVC non-slip, comfort grips



Diagonal Cutting Nippers

RA1843-07

7" heavy duty drop forged diagonal cutting nippers

FEATURES:

- Constructed from precision machined alloy steel
- PVC handle for added grip and user comfort
- Hot riveted pivot point ensuring a smooth non wobble action
- High frequency hardened cutting edges
- Complies with ISO-DIN Standard
- Overall tool length: 7" / 180 mm



4pc Mini Pick and Hook Set

RABTM-4

4 piece miniature hook and pick set complete with soft grip ergonomic handles with reinforced lanyard holes, supplied in presentation blister pack.

FEATURES:

- Blades made from stainless steel
- Comfort grip and solvent resistant handles
- Ideal for Installing and removing O-rings, seals and washers, making holes in leather and fabric, scraping difficult to reach areas, aligning and scribing
- Contents: Mini hook, mini awl, mini bent tip 90 degrees, mini bent tip 45 degrees



Trim Pad Removal Tool

RABT-2B

Door upholstery and trim pad removal tool supplied with a transparent blade end protector / display packaging.

FEATURES:

- Eases the removal of plastic fastenings and trim
- Non-slip handle made from PP + TPR resins
- Handle complete with nylon reinforced lanyard hole
- Blade dimensions: 8 x 90mm



4pc Scraper and Removal Set

RABTU-4

4 piece scraper and removal set complete with soft grip ergonomic handles with reinforced lanyard holes. Ideal for installing and removing seals and washers, assisting with hose removal, making holes in leather and fabric, scraping, aligning and scribing. Supplied in presentation blister pack.

FEATURES:

- Comfort grip and solvent resistant handles
- L type hose plucker - 6.2 x 115mm
- Hook tool - 0.8 x 90mm
- Reamer - 6 x 100mm
- Scraper - 9.5 x 110mm



Roll Head Pry Bars

PRY/4-ST

A set of 4 hardened steel roll head pry bars

FEATURES:

- Fully forged from chrome steel
- Hardened 38-43 HRC and tempered
- Specifically designed for heavy prying and fulcrum prying in automotive applications
- The tapered end is useful for aligning applications
- Contents: 150mm (6"), 300mm (12"), 400mm (16"), 500mm (20")



For up to date information and prices please visit - www.redashe.com



Flexible Magnetic Pick-up Tool

RAMPT-F650

Flexible magnetic pick up tool complete with lanyard hole, ideal for retrieving dropped nuts, bolts etc. from hard to reach places and around obstructions.

FEATURES:

- Soft grip handle providing comfort and control
- Flexible shaft bends and holds shape
- Magnet capable of lifting up to 1.4lbs
- Total length: 560mm (22")



Magnetic Collecting Tray

RAMCT-6R

A high quality super strong and durable magnetic tray for use in automotive and industrial applications.

FEATURES:

- Finished in chrome vanadium making this easy to clean
- Rubberised protective cover on bottom magnet to prevent scratching
- Diameter: 150mm (6")
- Height: 40mm (1.5")



Magnetic Pick-Up Tool

RAMPT-P1500

Pick-up tool with telescopic shaft and magnetic pick-up head.

FEATURES:

- Length 130-635mm
- Pick-up strength 3.5lbs/1.5kg
- Weight 32g



Bi-Locking Retractable Utility Knife

RA5505

Bi-Locking retractable utility knife suitable for cutting plastic, rubber, gaskets, cardboard, fibre, etc.

FEATURES:

- Built in lanyard tether point
- Comfort non slip grip
- Integrated blade storage compartment
- Supplied with SK2 carbon steel blade that is accurately hardened and have superior edge retention



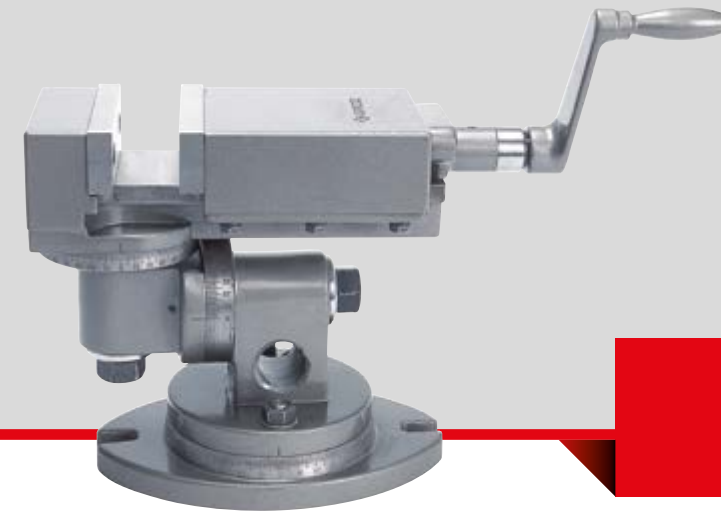
Heavy Duty Safety Knife

ZKNV/R/6

Heavy duty retractable safety knife. Suitable for cutting plastic, rubber, wood, gaskets, cardboard, fibre, etc.

FEATURES:

- Rugged zinc alloy body for prolonged tool life
- Ergonomic TPR handle for control and comfort
- Blade storage compartment can hold up to 6 heavy duty blades
- Quick release button to change blades
- Squeeze lever to load blades
- Supplied with 6 x SK2 carbon steel blades that are accurately hardened and have superior edge retention



INDUSTRIAL

P226-227 Indestructible Handle Hammers

P228-229 Vices

P230-236 Parts Cleaners

P237-242 Tool Balancers



Indestructible Handle Hammers

Hammers are used, abused and misused day-in and day-out, in numerous environments such as industrial, automotive, manufacturing, construction, railroad, underground mining etc. These are rough use tools that take a lot of beating. No matter how much care you take, incorrectly hitting the hammer on the handle instead of the head cannot be avoided. Conventional wooden handle and fibreglass handles cannot take this, they fall apart not just when overstruck, but in a few hundred strikes even when used with full care.

The Groz INDESTRUCTIBLE handle hammer won't stop no matter what you do to it. Tested with over 36,000 strikes without failure. Paying a little extra compared to conventional hammers for a lifetime of use works out to a fraction of the cost than what you would spend buying multiple units of conventional hammers for the same job.

FEATURES:

- Indestructible handle is made with spring steel bars that run all the way through the handle.
- Bars are locked with the hammer head using steel locking plates ensuring that the head never gets dislodged
- Ergonomic rubber grip handle absorbs shock and vibration reducing fatigue
- Special bonding process ensures that head never gets loose from the handle
- Hammer head is forged from special steel and is induction case hardened to 52 to 56 HRC for extended life



	Club hammers	Sledge hammers (6 to 14 lbs)	Ball pein hammers	Cross pein hammers	Copper head hammers
Fracturing stone and concrete		■			
Minor demolition work	■				
Heavy demolition work		■			
Driving fence posts		■			
Driving in stakes	■	■			
Setting bolts	■				
Rebar work		■			
Railroads		■			
Police, fire and rescue		■			
Concrete and stone work				■	
Driving masonry drills	■				
Mining		■			■
Underground coal mining					■
Metallforming	■				■
Heavy forging				■	
Hand forging			■	■	
Bending and shaping metal			■	■	
Spreading metal			■	■	
Texturing face of metal			■	■	
Starting panel pins and tacks			■	■	
Setting rivets			■		
Peen riveted and welded			■		
Material			■		
Driving punches and chisels	■		■	■	

Groz Indestructible Handle Sledge Hammers meet BS 876 specifications for material, hardness and performance.
Groz Indestructible Handle Sledge Hammers meet ANSI specifications "Hand Tools - Heavy Striking Tools Safety Requirements"

SLEDGE HAMMERS

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZSHID630	6	2.7	30	750
ZSHID812	8	3.6	12	305
ZSHID816	8	3.6	16	406
ZSHID830	8	3.6	30	750
ZSHID836	8	3.6	36	914
ZSHID1030	10	4.5	30	750
ZSHID1430	14	6.4	30	750
ZSHID1436	14	6.4	36	914

COPPER HEAD SLEDGE HAMMERS

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZSHID824CU	8	3.6	24	600
ZSHID1430CU	14	6.4	30	750

CROSS PEIN HAMMERS

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZCPID216	2.5	1.1	16	400
ZCPID316	3.5	1.6	16	400

BALL PEIN HAMMERS

Part number	TECHNICAL INFORMATION			
	Head Weight		Handle length	
	Lb	Kg	Inch	mm
ZBPID2414	1.5	0.7	14	355
ZBPID3214	2	0.9	14	355
ZBPID4814	3	1.4	14	355

CLUB HAMMERS

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZCHID2512	2.5	1.1	12	305
ZCHID412	4	1.8	12	305

COPPER HEAD CLUB HAMMERS

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZCHID412CU	4	1.8	12	305

SOFT FACE SLEDGE HAMMER - not pictured

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZSHIDSF630	6	2.7	30	750

CLAW HAMMER - not pictured

Part number	TECHNICAL INFORMATION			
	Head weight		Handle length	
	Lb	Kg	Inch	mm
ZCLID1613	1	0.5	13	330



ZMMVSP Milling Machine Vices - Super Precision

The Milling Machine Vice is one of the most popular vices used in workshops, machine shops and shop floor. Apart from use in milling operations, it also finds application in jig boring, grinding and shaping jobs.

FEATURES:

- Manufactured from close grained hi-tensile seasoned cast iron, the vice body has a premium polychromatic finish which is scratch and rust proof
- Vice jaws made from fully hardened and ground tool steel allow the workpiece to be held dead square without use of any packing. This not only improves efficiency and life of jaws but also helps reduce strain on vice body
- Usage of high tensile grade 10.8 fasteners provides greater strength and rigidity. The 360° swivel base allows the vice to be set at any angle along the vertical axis. Vice base has a milled slot which helps in accurate location of the vice on the machine table using rectangular locating nuts
- "Hold Down" slots allow for secure clamping of the vice on the machine table



Part number	Jaw width		Jaw opening		Jaw depth		Net weight (Kg)
	Inch	mm	Inch	mm	Inch	mm	
ZMMVSP100	4	100	4	100	1 1/2	38	17.4
ZMMVSP150	6	150	4	150	1 3/4	45	38.8

ZVBBB112 Ball Bearing Vee Block and Clamp Set

High precision Ball Bearing Vee Blocks are used to inspect and detect out of round conditions, defects and lobes without damage to both the parts being checked and the Vee Block itself. Ideal for use where inspection set-ups are not otherwise possible using regular Vee Blocks. Design allows inspection of components from two angles by turning the spacer block 90°.

FEATURES:

- Vee Block bases are made from cast iron and use hardened 60HRC wear resistant balls with sphericity controlled to within 0.00005" (1.27 microns). Balls are finished to 0.2 micro inches
- Supplied in matched pairs, complete with two clamps and one test ball
- Matched pairs are controlled to within ±0.0002" (±0.005mm)



Part number	Capacity without clamps				Diameter of balls	Clamping capacity	
	Minimum	Maximum	Minimum	Maximum		Kgs	Lbs
ZVBBB112	3/16	4.76	15	381	1 1/2	900	2000



ZUVSP100 Universal Vice - Super Precision

The most versatile of all machine vices with all degrees of freedom, the Universal Vice allows the work piece to be set at any desired angle.

FEATURES:

- Low height construction makes these useful on even the most complicated grinding jobs
- The vice has one fixed horizontal axis which allows the workpiece to be rotated at any angle. Fully graduated 360° swivel base allows complete rotation along the vertical axis. The third angular slide with a moving axis allows for any setting in the 3D plane
- Manufactured from close grained hi-tensile seasoned cast iron with fully hardened and ground tool steel jaws. The vice has a premium polychromatic finish
- Ergonomically designed all steel handle allows for stress free operation. It is assembled on the spindle crank with a spring loaded mechanism providing positive grip
- Use of hi tensile grade 10.8 fasteners provides strength and rigidity to these vices
- A milled slot in the vice base allows for accurate location of the vice on the machine table using rectangular locating nuts. "Hold Down" slots allow for secure clamping of the vice on the work table



Part number	Jaw width		Jaw opening		Jaw depth		Net weight (Kg)
	Inch	mm	Inch	mm	Inch	mm	
ZUVSP100	4	100	4	100	1 1/4	32	13.4



Rotation along the swivel base



Rotation along the movable axis parallel to the axis of the swivel base



Rotation along the axis perpendicular to the axis of the swivel base



A combination of settings along the 3 axes produces the desired compound angle



A typical case of the universal vice set perpendicular to the base by rotation along the movable scale

ZAMVSP Angular Machine Vices - Super Precision

Angular Machine Vices are ideal for applications where the workpiece requires machining at an angle. Angular adjustment is achieved via the angular slide that can be set to any desired angle 45°, on either side. Additionally the fully graduated 360° swivel base allows the vice to be set at any angle along the vertical axis.

FEATURES:

- Manufactured from close grained hi tensile seasoned cast iron with fully hardened and ground tool steel jaws
- Ergonomically designed all steel handle allows for stress free operation. It is assembled on the spindle crank with a spring loaded mechanism providing positive grip
- Use of hi tensile grade 10.8 fasteners provides strength and rigidity to these vices
- Relief in clamp seat ensures complete surface contact as against a line contact between the "Hold Down" clamp and movable slide, thereby providing firm locking at any desired angle
- A milled slot in the vice base helps in accurate location of the vice on the machine table using rectangular locating nuts
- "Hold Down" slots allow for secure clamping of the vice on the machine table



Rotation along 0-90° vertical scale



Combined rotation along both the horizontal and vertical axes

Part number	Jaw width		Jaw opening		Jaw depth		Net weight (Kg)
	Inch	mm	Inch	mm	Inch	mm	
ZAMVSP150	6	150	6	150	1 3/4	45	42.8

JDT Parts Cleaners

Redashe parts cleaners have been designed with current and future legislation in mind. The latest machines have been constructed for use with aqueous cleaning solutions making them environmentally and user friendly. Our machines are suitable for use in many industries including automotive, aerospace and rapid prototyping design. The machines are fully automatic and suitable for all types of components and non-flammable cleaning solutions. Constructed from stainless steel throughout and incorporating a digital temperature display and soft touch control panel as standard. A modified version for use with TPM type fluids is available.

FEATURES:

- Excellent pump performance
- Adjustable temperature up to 90°C
- Digital temperature display
- Suitable for environmentally friendly alkaline detergents
- Stainless steel construction
- Safety cut off circuit (shuts down operation when the door is opened)
- Stainless steel filter 0.25 mm (to retain large debris and small parts)
- Floor level drainage point
- Energy and noise reduction insulation (30 mm Styropor®)
- Fluid level indicator combining alarm
- Soft Touch VISION 2000 control pad for washing programs: – 5 min, 15 min, 30 min, continuous (all programs can be interrupted at any time)

Model	Inside dim's diameter x H	Max. charge weight	Pump	Tank	Heaters power	Outside dim's H x W x D
JDT700	ø70 x 45cm	100kg	100 l/min	100l	9 kw	102 x 106 x 80cm
JDT800	ø80 x 50cm	150kg	140 l/min	150l	9 kw	102 x 106 x 80cm

For non flammable cleaning solutions only.



JRT Economy Top Loading Parts Cleaners

FEATURES:

- Compact design
- 100% stainless steel
- Stainless steel heating element
- Stainless steel spray bars with brass nozzles
- Rotating component basket
- Ventilation point
- Temperatures from 30 to 65 Celsius
- Adjustable cleaning time 0 – 30 Min.
- Level control for liquid to protect pump and heating elements against low liquid level
- Manufactured in accordance with the CE Machinery Directive

For non flammable cleaning solutions only

For up to date information and prices please visit - www.redashe.com

Model reference	Max. load	Tank	Pump flow	Heater	Internal dim. (diameter x height)	External dim. (D x W x H)
JRT700	100 kg	100 ltr	100 l/min - 2.4 Bar	9 kW	Ø690 x 450mm	850 x 1000 x 980mm
JRT900	200 kg	250 ltr	250 l/min - 3.6 Bar	9/12 kW	Ø890 x 500mm	1300 x 1300 x 1150mm
JRT1150	300 kg	400 ltr	280 l/min - 4.0 Bar	9/18 kW	Ø1140 x 700mm	1750 x 1550 x 1400mm



JDF Parts Cleaners

Redashe parts cleaners have been designed with current and future legislation in mind. The latest machines have been constructed for use with aqueous cleaning solutions making them very environmentally and user friendly. Our machines are suitable for use in many industries including automotive, aerospace and rapid prototyping design. The machines are fully automatic and suitable for all types of components and non-flammable cleaning solutions. Constructed from stainless steel throughout and incorporating a digital temperature display and soft touch control panel as standard. A modified version for use with TPM type fluids is available.

FEATURES:

- Excellent pump performance
- Adjustable temperature up to 90°C
- Digital temperature display
- Suitable for environmentally friendly alkaline detergents
- Stainless steel construction
- Vertical sliding pneumatic door
- Safety cut off circuit (shuts down operation when the door is opened)
- Stainless steel filter 0.25 mm (to retain large debris and small parts)
- Floor level drainage point
- CE marked
- Energy and noise reduction insulation (30 mm Styropor®)
- Fluid level indicator combining alarm
- Soft Touch VISION 2000 control pad for washing programs: 5 min, 15 min, 30 min, continuous (all programs can be interrupted at any time)
- A modified version for use with TPM type fluids is available
- Designed to your specification, fume extraction, pump filtration and oil skimmers etc.
- All machines designed to ensure ease of pump service



Model	Inside dim's diameter x H	Max. charge weight	Pump	Tank	Heaters power	Outside dim's H x W x D cm
JDF700	ø70cm	150kg	140 l/min	200l	9kw	230 x 122 x 92
JDF1000	ø100cm	500kg	220 l/min	500l	9kw	263 x 165 x 141
JDF1300	ø130cm	500kg	350 l/min	600l	18kw	355 x 188 x 158
JDF2000	ø200cm	2500kg	700 l/min	1500l	36kw	450 x 280 x 250



Top Loading Parts Cleaners

Redashe top loading parts cleaners are designed to free up technicians from washing dirty greasy parts by hand, simply place the part to be cleaned in the basket close the lid turn it on and walk away, allowing other tasks to be carried out, the units are designed to work with a wide range of aqueous cleaning solutions and has a built in heating element which allows the fluid to be heated.

Manufactured from 304 stainless steel the units are robust and built to last.

We maximise the tank capacity to ensure that the fluid has an extended life and doesn't need changing too frequently. If the optional oil skimmer is added to the unit the fluid life can be extended even further. The spray nozzles are simply unscrewed making the units easy to maintain.

FEATURES:

- 304 stainless steel construction ■ Temperature control 0 - 60
- Large fluid tank ■ Easy servicing
- 750 and above motorised basket ■ Ventilation point
- Stainless spray bars
- Level control to protect pump and heating element
- Adjustable cleaning time 0 -30 mins.
- Optional extras ■ Insulation
- Oil skimmer ■ Extraction
- Mobility wheels ■ Air blow off gun



Redashe

	WASHER 60	WASHER 750 E POWER	WASHER 900 E POWER	WASHER 1150 E POWER	WASHER 1500 E POWER	WASHER 1800 E POWER
Part number	J40014.1	J40016.1	J40010.1	J40009.1	J40011.1	J40015.1
Depth	790 mm	955 mm	1105 mm	1355 mm	1600 mm	2000 mm
Width	940 mm	1035 mm	1185 mm	1470 mm	1850 mm	2300 mm
Height	930 mm	1130 mm	1170 mm	1320 mm	1320 mm	1350 mm
Tank capacity	75 L	90 L	130 L	210 L	250 L	270 L
Weight	65 kg	150 kg	180 kg	210 kg	250 kg	500 kg
Supply	230 V (1~)	400 V (3~)	400 V (3~)	400 V (3~)	400 V (3~)	400 V (3~)
Pump power	0.75 kW	1.85 kW	1.85 kW	2.2 kW	3 kW	6+6 kW
Heating element	2 kW	4.5 kW	6 kW	6 + 3 kW	6 + 3 kW	0-85°C
Max. power	3 kW	7 kW	8.5 kW	12 kW	12 kW	17.5 kW
Temperature	0 - 60°C	0 - 60°C	0 - 60°C	0 - 60°C	0 - 60°C	0 - 60°C
Basket diameter	600 mm	740 mm	890 mm	1140 mm	1460 mm	1800 mm
Working height	350 mm	450 mm	450 mm	550 mm	550 mm	550 mm
Load capacity	100 kg	400 kg	400 kg	400 kg	400 kg	400 kg
Pump flow rate	80 L/min	130 L/min	130 L/min	150 L/min	150 L/min	2 x 150 L/min
Pump pressure	2.5 bar	3.5 bar	3.5 bar	4.5 bar	5.5 bar	2 x 4.5 bar
Number of nozzels	30	40	46	64	70	70
Motor driven basket	No	Yes	Yes	Yes	Yes	Yes
Visual fluid level indicator	No	Yes	Yes	Yes	Yes	Yes

Optional extras oil skimmer, wheels, insulation, extraction and air gun.

J30022-1 Top High Pressure Parts Washer

The TOP HIGH PRESSURE is a new high pressure parts washer for the cleaning of mechanical parts, the unit is fast and economic. The unit has built in operator protection so they do not require excessive protective clothing, thus reducing the preparation time to wash. The pump is operated by foot pedal, leaving the users hands free to clean the part. The washing compartment is well illuminated by a lamp; sight is maintained through the glass by an anti-fogging system, which ensures excellent visibility during operation. The machine is also equipped with air gun for drying and a pumped brush rinse system which can be operated with the front panel opened.

TECHNICAL INFORMATION	
Depth	700mm
Width	900mm
Height	1625mm
Working cabin	840 x 640 x (H)550mm
Tank capacity	90L
Weight	120kg
Load weight	40kg
Air supply	6-10bar
Electric supply	230V
Heater	2kW
Power pump	1.5kW
Maximum power	3.6kW
Resistance power	0-60°C

Redashe



J30028-1 Eco High Pressure Parts Washer

The ECO HIGH PRESSURE is a new high pressure parts washer for the cleaning of mechanical parts, the unit is fast and economic. The unit has built in operator protection so they do not require excessive protective clothing, thus reducing the preparation time to wash. The pump is operated by foot pedal, leaving the users hands free to clean the part. The washing compartment is well illuminated by a lamp, sight is maintained through the glass by an anti-fogging system, which ensures excellent visibility during operation. The machine is also equipped with air gun for drying.

FEATURES:

- Air curtain ensures constant visibility
- Lamp inside the working area
- Air blow gun
- This machine has no brush rinse system pump as with the high pressure unit
- Larger working platform models available

Redashe

TECHNICAL INFORMATION	
Dimensions	800 x 600 x (H)1650mm
Working area dimensions	750 x 550mm
Electric supply	230V
Amp max	16A
Pneumatic supply	6/8bar
Tank capacity	100L
High pressure pump	20 bar / 18 L/min
Heater	2Kw



J30014 Top Cleaner 900 Parts Washer

J30014-1 - Electric / J30014-2 - Pneumatic

Suitable for use with either waterborne or traditional fluids depending on the pump. This unit has been designed for the small to medium sized workshop for constant use. Easily installed and maintained by the workshop.

Available with electric or pneumatic pump.

FEATURES:

- Flow thorough brush
- Double diaphragm pump or electric submersible pump
- Hand control on / off

Redashe

TECHNICAL INFORMATION	
Depth	600mm
Width	900mm
Height	1060mm
Basin size	600 x 600 x (H)170mm
Basin capacity	90L
Weight	40kg
Load weight	30kg
Supply	Electric -230V Pneumatic - 6-10bar

■ All pneumatic cleaners are ATEX rated class 11 3 GD



J30003-1 Top Cleaner 1010 Parts Washer

Manual parts washers are required to clean many different types of components contaminated with varying types of material from greases, release agents and oils.

The Redashe cold wash units are simple to use and maintain. Constructed from stainless steel and using a high quality pump, they can be used with aqueous or traditional cleaning fluids.

FEATURES:

- Flow through brush
- Grid working platform
- Safety tank base
- Foot control
- Air blow gun
- Double diaphragm pump
- All pneumatic cleaners are ATEX rated class 11 3 GD

Redashe

TECHNICAL INFORMATION	
Depth	800mm
Width	1100mm
Height	1010mm
Basin size	920 x 720 x (H)300mm
Basin capacity	190L
Weight	70kg
Load weight	70kg
Supply	6-10bar



J30018-1 Top Cleaner 90 Power Parts Washer

The Redashe manual hot wash unit is simple to use and maintain. Constructed from stainless steel and using a high quality pump, that can be used with aqueous or traditional cleaning fluids. Featuring a sump area for soaking parts before cleaning, this can be used for many different applications.

FEATURES:

- Flow through brush
- Grid working platform
- External pneumatic pump
- Sump area for soaking parts
- Air blow gun
- Hand control on / off

Redashe

TECHNICAL INFORMATION	
D x W x H (mm)	600 x 900 x 1235
Upper wash area	900 x 600 x (H)170mm
Lower soak area	460 x 480 x (H)200mm
Tank capacity	65L
Weight	40kg
Load weight	30Kg
Air supply	6-10 bar
Heater	1.2kW
Working temperature	0-60°C



J30019-1 Top Cleaner 140 Power Parts Washer

Manual hot wash parts cleaner with many different applications, can be used to clean many types of parts contaminated with varying types of material from greases, release agents, and oils. Redashe hot wash units are simple to use and maintain, constructed from stainless steel and using a high quality pump. Incorporating an area to soak parts before cleaning, this unit can be used with aqueous or traditional cleaning fluids.

FEATURES:

- Flow through brush
- Grid working platform
- Sump area for soaking parts
- Foot control
- Air agitator inside tank
- Air blow gun
- External pneumatic pump

Redashe

TECHNICAL INFORMATION	
D x W x H (mm)	600 x 1400 x 1235
Upper wash area	1400 x 600 x (H)175mm
Lower soak area	900 x 500 x (H)40mm
Tank capacity	120L
Weight	65kg
Load weight	80kg
Air supply	6-10 bar
Electric supply	230V
Heater	2kW
Working temperature	0-60°C



J31100-2 Top Cleaner 820 Power Parts Washer

Manual parts washers are required to clean many different components contaminated with varying types of material from greases, release agents, and oils. The Redashe manual hot wash units are simple to use and maintain, constructed from stainless steel and using a high quality pump, they can be used with aqueous or traditional cleaning fluids.

TECHNICAL INFORMATION	
D x W x H (mm)	780 x 1200 x 920
Basin size	1200 x 780 x(H)200mm
Tank capacity	180L
Weight	70kg
Load weight	100kg
Air supply	6-10bar
Electric supply	230V
Resistance power	1.2kW
Working temperature	0-60°C

Redashe

FEATURES:

- Flow through brush
- Foot control
- Grid working platform
- External pneumatic pump
- Separate tank with heating element and thermostat



J30024-1 Top Frame 900 Power Parts Washer

FEATURES:

- Flow through brush
- Air Blow Gun
- 304 Stainless steel
- Double Diaphragm Pump
- Grid working platform
- Extraction Hood with extraction point

Redashe

TECHNICAL INFORMATION	
D x W x H (mm)	700 x 900 x 1620
Working platform (mm)	900 x 600
Weight	65kg
Supply	6 - 8 bar
Pump power	Pneumatic
Load capacity	15kg
Pump flow rate	6 L/min



The Top Frame 900 is designed to clean large parts with solvent. The unit is easy to use and swap between recirculating and clean rinse solvent. The double diaphragm pump is pneumatically driven providing a low pressure high volume stream of fluid, an air gun is provided to dry off the part once clean. The unit has a built in extraction point to enable fumes to be removed from the working area ensuring the technician is protected from solvent fumes.

The solvent cans are stored safely out of sight in the base of the unit. All functions are hand operated and easy to use.

J30025-1 Top Tinwash Parts Washer

The unit is ideal for cleaning paint cans ensuring that they can be recycled easily. Small pressure pots can also be cleaned. The unit works automatically on a timer allowing the operator to do other tasks while the pots are being cleaned.

FEATURES:

- Automatic timed wash
- Extraction point
- Grid working platform
- Spray cradle
- Double diaphragm pump

For up to date information and prices please visit - www.redashe.com

TECHNICAL INFORMATION	
D x W x H (mm)	860 x 720 x 1230
Basin size	750 x 650 x (H)320mm
Weight	85kg
Load weight	15kg
Air supply	6-10bar

Redashe



Tecna ATEX Tool Balancers

Capacities ranging from 4 – 100 Kgs and a stroke up to 2.7m

TECNA S.p.A. produces a range of BALANCERS suitable to be installed in potentially explosive areas composed by flammable gases or combustible dusts.

FEATURES:

- Ribbed and sealed monobloc construction in aluminium alloy
- Stainless steel rope
- Adjustable capacity by means of a worm screw
- Auxiliary safety suspension
- Safety device against load dropping due to the spring breakage (>3kg)
- Upper rotary suspension with safety hook
- Locking device to block the load at any height
- Adjustable stroke limiting device
- Taper drum rotating on ball bearings
- Cable guide in antifriction material
- Rotary upper hook with ball bearing
- Inert spring drum assembly



TECNA

Advanced Resistance Welding Systems and Balancers

TECHNICAL INFORMATION				
Model	Capacity (kg)	Stroke (mm)	Weight (kg)	Dimensions (mm)
9354AX	4-7	2000	4.94	465 x 225 x 185
9355AX	7-10	2000	5.30	465 x 225 x 185
9356AX	10-14	2000	5.67	465 x 225 x 185
9357AX	14-18	2000	6.26	465 x 225 x 185
9358AX	18-22	2000	5.89	465 x 225 x 185
9359AX	22-25	2000	6.53	465 x 225 x 185
9520AX	12-20	2700	12.80	455 x 270 x 280
9521AX	20-30	2700	12.60	455 x 270 x 280
9522AX	30-40	2700	15.80	455 x 270 x 280
9523AX	40-50	2700	15.40	455 x 270 x 280
9524AX	50-60	2700	16.60	455 x 270 x 280
9525AX	60-70	2700	15.70	455 x 270 x 280
9502AX	20-30	2100	12.60	455 x 270 x 280
9503AX	30-40	2100	15.20	455 x 270 x 280
9504AX	40-50	2100	15.50	455 x 270 x 280
9505AX	50-60	2100	16.70	455 x 270 x 280
9506AX	60-70	2100	15.50	455 x 270 x 280
9507AX	70-80	2100	17.70	455 x 270 x 280
9508AX	80-90	2100	16.20	455 x 270 x 280
9509AX	90-100	2100	16.80	455 x 270 x 280



Tecna ATEX Tool Balancers - Industry Sector Guide

Industry Sector	Types of companies	Dangerous areas	Materials
Agri-food and food processing	Mills, biscuits factories, pasta factories, semolina factories, sugar mills, plants and machines for food processes, coffee roasting, cereals and cocoa, bakers grinding, distilleries	Typical processes in the food industry involve the handling of materials stored in silos with consequent emission of powders in the environment and potentially explosive ATEX areas. Explosive powders may form during the transportation and storage of cereals. The drying, grinding and refining of agri-food material produces explosion risk. In the food industries, alcoholic substances are often used for the sterilization of controlled environments.	
Manufacturing of windows and fixtures and Metalworking	Metal fixtures, metal accessories for fixtures, fine profiling, surface treatment of metals	Potentially explosive atmosphere due to the presence of fine metal powders caused by processing in the production cycle. Presence on the walls of layers of micropowders that pile up over time and accumulation in interstices and in automatic machinery. Polishing powders. In the production of metal stamped parts, explosive metal powders may form during surface treatment (grinding). This is particularly true in the case of light metals and alloy mixtures. These metal powders can give rise to a risk of explosion in the separators and filters. Conductive powders are the most dangerous.	Active ingredients, various chemical components, pharmaceuticals, Biohazard
Aeronautics, aerospace, naval, automotive, railroads	Construction of aircraft, trains, cars maintenance, precision mechanics, aerospace Electronics, spray booths, resin processing	Presence of micro-powders in the processing of Hi-Tech components. Machining of the aircraft nacelle. Powders produced by vibration tests on electronic components. Treatment of propellants in the aerospace sector. Suction of fuels from the tank. Aircraft maintenance procedures. Residues in engines of explosive material. Construction of wooden boats, resin and explosive exhalations. Operations in the engine room and recycling of hydrocarbons	Hydrocarbons, propellants, metal powder for sanding, fuels, solvents, magnesium, zirconium, aluminum
Chemistry	Paints, colors, soda, alcohol, chemicals, solvents, oils	Presence of solvents and exhalations during the production cycle. Hydrogen production in chemical reactions. Transformation of solid, liquid and gaseous materials with the consequent risk of creating explosive atmospheres. Use of explosive powders or liquids for product synthesis. Losses from flanges. Various solvents: acetate, acetylene, acetone, alcohol, ethylene, etc.	
Combustible, gasoline, energy, metallurgy	Refinery plants, petrol stations, plants that treat gases such as diesel fuel and methane, metallurgy, electricity production	Accidental losses and extraordinary transfer operations. The hydrocarbons treated in the refineries are all flammable and depending on the flash point, they can generate an explosive atmosphere already at room temperature. The environment in which oil treatment equipment is located is normally considered an explosive area. For metallurgical and electrical production, carbon coke is used, a highly flammable organic material and there are many types of waste from working with combustible dust.	Hydrocarbons, lpg, refinery gases, fuels, metal powders, acids, fossil carbon, pellets
Research, universities and laboratories	Oxygen cylinders, glove box, test bench or analysis	Area used as a warehouse for oxygen cylinders or flammable gases. Glove box for processing explosive or toxic materials. Presence of micropowders in the processing of hi-tech components. Use of solvents in laboratory tests.	Various solvents, ethanol, alcohol, gas cylinders, oxygen, laboratory products, glow boxes, electronic micro dusts, resins, gallium arsenide, photocells production, electrical circuit powders, arsine
Furniture factories, carpenteries, leather workshops, conceries, textiles	Kitchen production, wood furniture production, timber processing, plywood, particle board. Production of doors and windows. Shoe factories, leather factories, textile plants	Wood processing operations produce wood powders that can form mixtures of explosive dust / air. Presence on the walls over time of layers of micropowders and accumulation in interstices and chambers of automatic machinery. Polishing powders may present an explosive risk as well as by inhalation	Wood flour, wood (50% pear, 50% hazel), wood (beech), wood (pear), wood sawdust, cork, cellulose (93% softwood, 6% hardwood). Fine skin powders, fibers
Plastic and rubber	Plastics and rubber works	Explosive powders may form during the transport and storage of plastic or rubber granules. In grinders, in deposit systems, and in the separation of powders. Some tires are made with flammable liquid solutions	Polymer of vinyl chloride, plastic micro-powder
Explosive waste disposal	Dumps, national shooting grounds, automotive	Production and storage of rockets, smoke bombs, large cartridges, smoke boilers, hand fires. In the treatment of waste water at the purifiers, biogas deriving from a mixture of explosive gases / air. Microcharges for security systems such as Air Bags or similar. Disposal of powders, dynamites, detonators, artifices and security ammunition	Explosive or metallic powders, organic or chemical gases
Paper mills	Paper production	In paper processing operations, during the production cycle, especially during loading, cutting and processing in general, accumulations of potentially explosive dust are created.	Paper, cellulose, metal micro-powder

Tecna Tool Balancers

For tools and weights from 0.4 – 180 Kgs

A complete range of balancers with capacities from 0.4 to 180 Kgs and a stroke up to 3m. Balancers offer improved ergonomics at the work station to increase productivity in assembly operations.

Operator fatigue is reduced by ensuring the tool always returns to a suitable rest point after use.

Ensures operator safety for repetitive actions, through reduced effort. The workspace remains clear of obstructions for other tools, additional operations or equipment. Tool life is increased by eliminating the possibility of the device hitting the floor.

Accuracy and performance is increased as a result.

FEATURES:

- Stainless steel cable ■ Auxiliary safety suspension
- Adjustable stroke limiting device ■ Cable guide in antifriction material
- Inert spring drum assembly
- (Models 1 to 4) Rugged construction, cast aluminium body
- (Models 5 to 10) Ribbed and sealed monoblock construction in aluminium alloy
- (Models 1 to 4) Adjustable capacity
- (Models 5 to 10) Adjustable capacity by means of a worm screw
- (Models 2 to 10) Safety device against load dropping due to spring breakage (>3kg)
- (Models 4 to 10) Upper rotary suspension with safety hook
- (Models 6 to 10) Locking device to lock the load at any height
- (Models 5 to 10) Taper drum rotating on ball bearings
- (Models 5 to 10) Rotary upper hook with ball bearing
- (Models 8 to 10) Lining up upper hook
- (Models 8 to 10) Visible cable for inspection
- (Models 1 to 7) Polyamides thimble

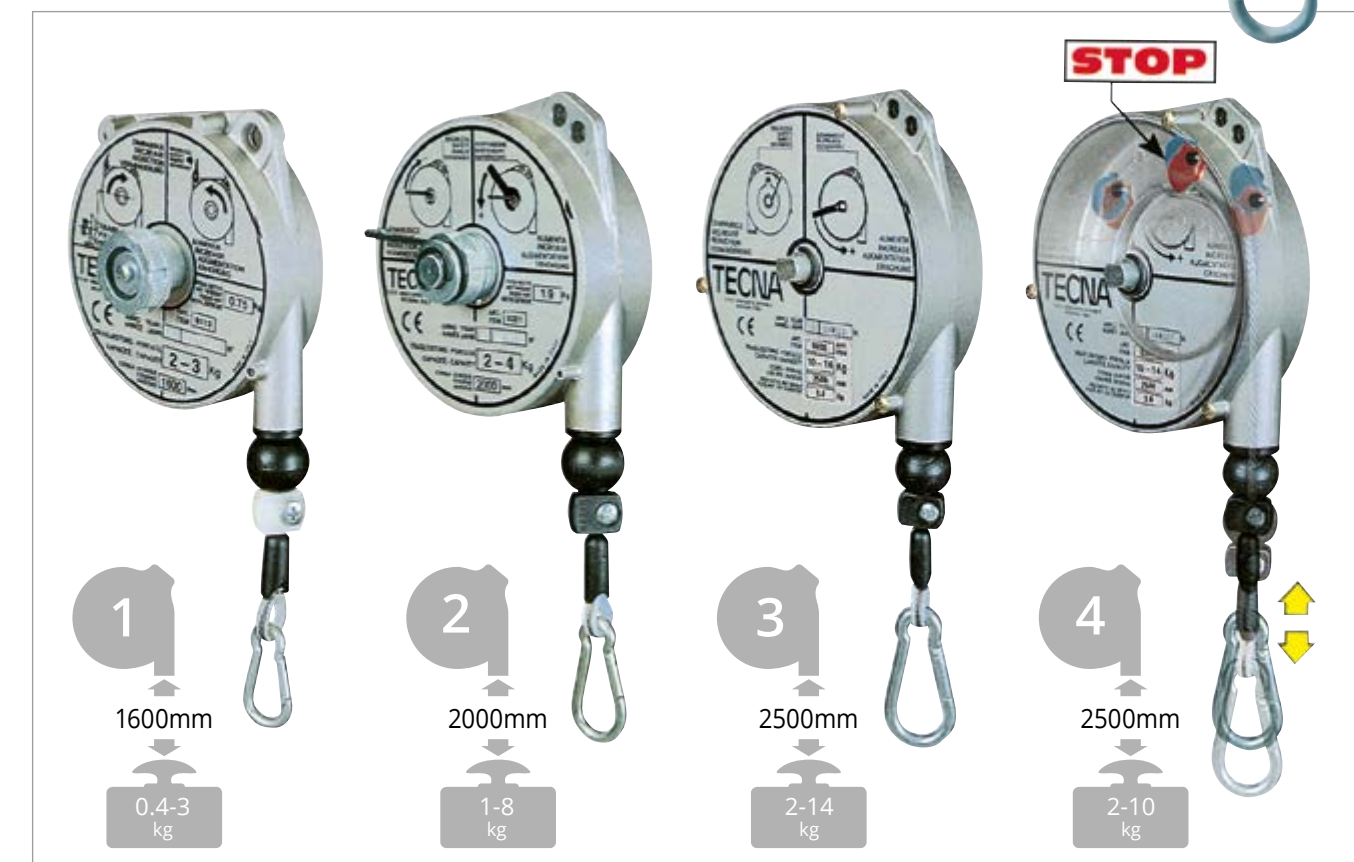
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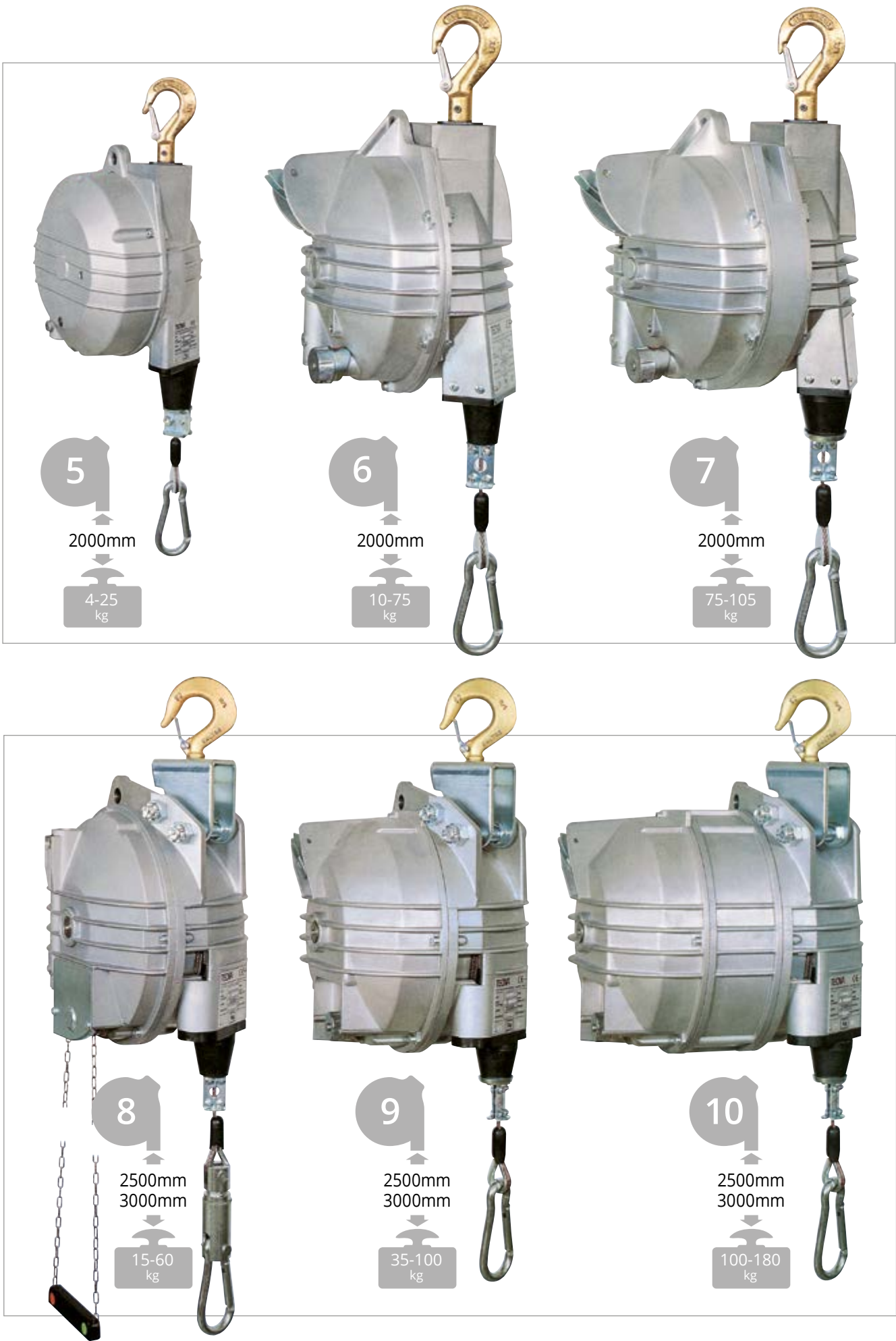
- (Models 6 to 10) Locking/unlocking device with control from the floor
- (Models 6 to 10) Rotary and insulating device



TECNA
Advanced Resistance Welding Systems and Balancers

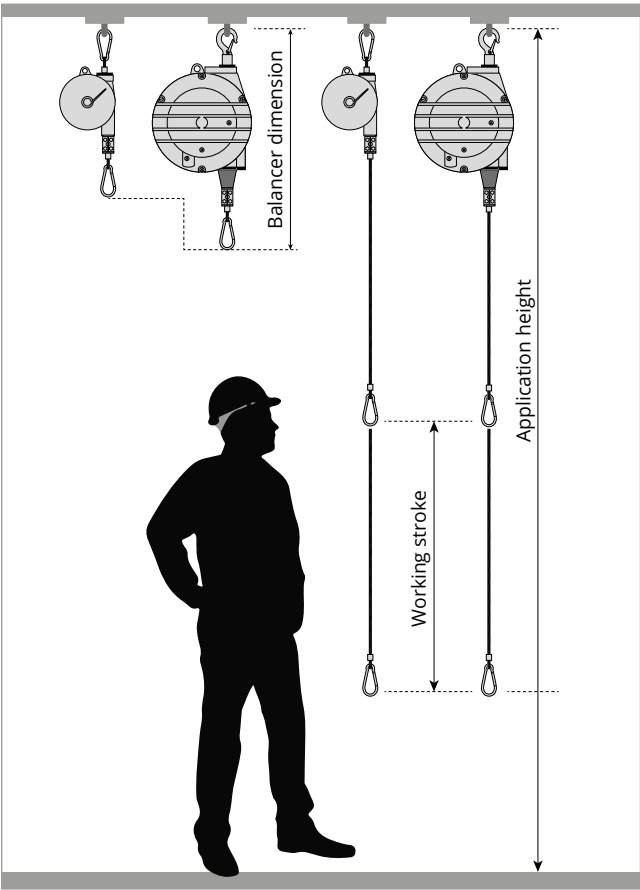
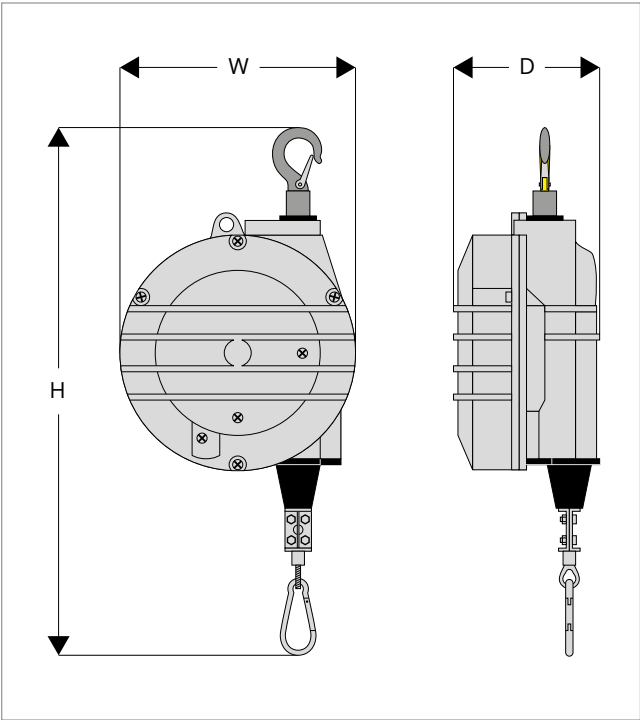
For up to date information
and prices please visit -
www.redashe.com





Model	Picture No.	Dimensions H x W x D	Weight kg's	Load kg's	Stroke mm
9311	1	263 x 109 x 55	0.6	0.4-1	1600
9312	1	263 x 109 x 55	0.6	1-2	1600
9313	1	263 x 109 x 55	0.7	2-3	1600
9320	2	281 x 149 x 85	2	1-2.5	2000
9321	2	281 x 149 x 85	2	2-4	2000
9322	2	281 x 149 x 85	2.3	4-6	2000
9323	2	281 x 149 x 85	2.5	6-8	2000
9336	3	345 x 180 x 86	2.9	2-4	2500
9337	3	345 x 180 x 86	3.2	4-6	2500
9338	3	345 x 180 x 86	3.5	6-8	2500
9339	3	345 x 180 x 86	3.7	8-10	2500
9340	3	345 x 180 x 86	4	10-14	2500
9346	4	345 x 180 x 86	3	2-4	2500
9347	4	345 x 180 x 86	3.3	4-6	2500
9348	4	345 x 180 x 86	3.6	6-8	2500
9349	4	345 x 180 x 86	3.8	8-10	2500
9354	5	476 x 196 x 140	5	4-7	2000
9355	5	476 x 196 x 140	5.5	7-10	2000
9356	5	476 x 196 x 140	5.5	10-14	2000
9357	5	476 x 196 x 140	6.5	14-18	2000
9358	5	476 x 196 x 140	6	18-22	2000
9359	5	476 x 196 x 140	6.6	22-25	2000
9361	6	620 x 240 x 215	10.3	10-15	2000
9362	6	620 x 240 x 215	10.6	15-20	2000
9363	6	620 x 240 x 215	11.2	20-25	2000
9364	6	620 x 240 x 215	11.5	25-30	2000
9365	6	620 x 240 x 215	11.8	30-35	2000
9366	6	620 x 240 x 215	12.4	35-45	2000
9367	6	620 x 240 x 215	12.5	45-55	2000
9368	6	620 x 240 x 215	13.6	55-65	2000
9369	6	620 x 240 x 215	14.5	65-75	2000
9370	7	620 x 240 x 250	17.3	75-90	2000
9371	7	620 x 240 x 250	18	90-105	2000
9401	8	700 x 290 x 220	19	15-20	2500
9402	8	700 x 290 x 220	19.8	20-30	2500
9403	8	700 x 290 x 220	20.8	30-40	2500
9404	8	700 x 290 x 220	23.9	40-50	2500
9405	8	700 x 290 x 220	25.4	50-60	2500
9411	9	700 x 290 x 270	26.8	60-70	2500
9412	9	700 x 290 x 270	27.8	70-80	2500
9413	9	700 x 290 x 270	28.8	80-90	2500
9414	9	700 x 290 x 270	30	90-100	2500
9422	10	700 x 290 x 355	38.7	100-120	2500
9423	10	700 x 290 x 355	41.8	120-140	2500
9424	10	700 x 290 x 355	44.5	130-150	2500
9425	10	700 x 290 x 355	48	140-160	2500
9426	10	700 x 290 x 355	49	160-180	2500
9431	8	700 x 290 x 220	19.1	15-20	3000
9432	8	700 x 290 x 220	19.9	20-25	3000
9433	8	700 x 290 x 220	20.9	25-35	3000
9434	9	700 x 290 x 270	23.8	35-45	3000
9435	9	700 x 290 x 270	23.9	40-50	3000
9436	9	700 x 290 x 270	25.3	50-60	3000
9441	9	700 x 290 x 270	27	60-70	3000
9442	9	700 x 290 x 270	28	70-80	3000
9443	9	700 x 290 x 270	29	80-90	3000
9444	9	700 x 290 x 270	29	80-100	3000
9451	10	700 x 290 x 355	39.7	100-115	3000
9452	10	700 x 290 x 355	39.9	115-130	3000
9453	10	700 x 290 x 355	42.8	130-140	3000
9454	10	700 x 290 x 355	45.6	140-150	3000
9455	10	700 x 290 x 355	49	150-160	3000
9456	10	700 x 290 x 355	50	160-180	3000

If you need help in choosing the right Tool Balancer for your application, please call and ask to talk to a Redashe representative



CKOSB Redashe Tool Balancers

For tools and weights from 0.5 – 5 Kgs

A new range of balancers with capacities from 0.5 to 5.0 Kgs and a stroke up to 1.8m. With a smooth, resilient, ABS plastic casing for easy cleaning. Balancers offer improved ergonomics at the work station to increase productivity in assembly operations. Operator fatigue is reduced by ensuring the tool always returns to a suitable rest point after use. Ensures operator safety for repetitive actions, through reduced effort. The workspace remains clear of obstructions for other tools, additional operations or equipment. Accuracy and performance is increased as a result. Tool life is increased by eliminating the possibility of the device hitting the floor.

FEATURES:

- ABS plastic, smooth, tough, casing - easy to clean
- Stainless steel cable (coated on the CKSOB-1)
- Auxiliary safety suspension
- Easy to use tension control for accurate adjustment to suit the load
- Rotating load clip prevents the cable twisting
- Inert spring drum assembly for safety

Model	Weight Kgs	Load Kgs	Stroke mm	Cable size	Dimensions
CKOSB-1	0.4	0.5 - 1.5	1800	2.0 mm	110 x 143 x 53.5 mm

For up to date information and prices please visit - www.redashe.com



Redashe

Model	Weight Kgs	Load Kgs	Stroke mm	Cable size	Dimensions
CKOSB-3	1.6	1.0 - 3.0	1800	3.0 mm	155 x 220 x 70.5 mm
CKOSB-5	1.6	3.0 - 5.0	1800	3.0 mm	155 x 220 x 70.5 mm

Redashe Online



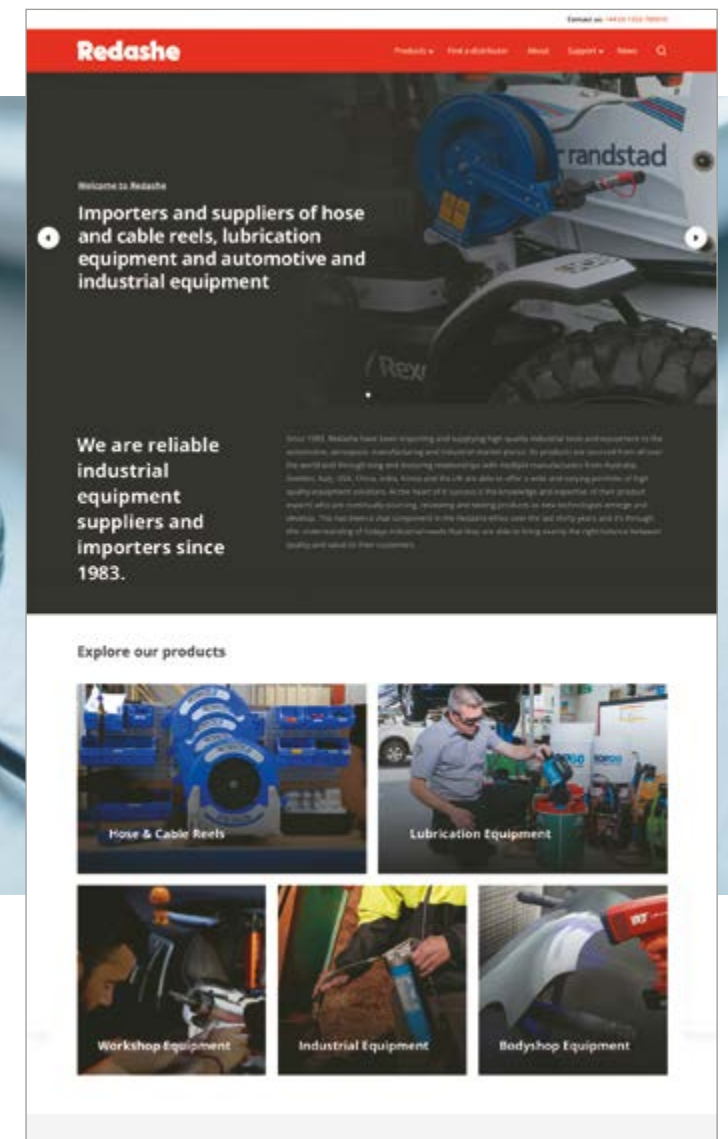
The Redashe website is the single most comprehensive and current resource for all Redashe products and services. New products are constantly being tested, evaluated and added to the Redashe product line up and as a result new ones may not always appear in this catalogue.

In addition, a distributor portal is available for all certified Redashe distributors and additional information including product prices are available to all who have a website account.

The Redashe website is designed to be an informative and easy to use. With the vast selection of products, the website has been built utilising the addition of PDF technology. Every product has all description and technical information built into its page, but if you want more details, including the ability to download and print, please click on the "Download datasheet" buttons.

Searching for products

There are two primary methods for finding the products you are looking for. If you know the product name, code or product type you can use the search facility at the top of every page. Search results can be further refined using the advanced search options. Secondly, products can be found using the menu navigation system and the intuitive filter set for each section. Where hundreds of options are available, you can refine your viewing experience by choosing options more specific to your requirements. However, please use the filtering system by choosing one filter option at a time to limit a no record result.



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- **Comprehensive Product Range:-**
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Bank Account: Lloyds TSB,
High Street, Guildford, Surrey
Sort Code: 30-93-74
Account Number: 01732610
IBAN: GB08 LOYD 3093 7401 7326 10
BIC: LOYDGB21022



Redashe
AIR-LINER

The Air-Liner 10.1 hose reel system has been specifically developed for use in the aviation industry to provide a solution for engineers to have easy access to compressed air when servicing aircraft. Using the Air-Liner 10.1 also helps to increase efficiency and productivity, it alleviates the need for engineers to go to and from stores to collect and return compressed air hoses. This not only saves time but increases safety as when the airlines are not in use, they are stored safely on the reel removing potential trip hazards, promoting a clean and safe work space.

The Air-Liner 10.1 is supplied with ten Macnaught Retractable AR100 air hose reels, 5 on each side of the unit. Each reel has been modified to include 20 meters of high visibility air hose (details on AR100 reels can be found on pages 46-47). The system air hoses have a total reach of 40 metres in diameter, suitable for aircraft as large as Airbus A320 and Boeing 737.

The inlet hose reel provides 20 meters of $\frac{3}{4}$ " I.D. hose, which is built into the system. The retractable air hose reel, allows the system to be placed up to 20 metres from the air inlet, providing a max flow range of 155cfm @ 200psi.

The system is equipped with a pressure release system, which depressurises the Air-Liner after use. A two colour visual indicator shows the user when the unit is under pressure.

The Air-Liner 10.1 is fully manoeuvrable and can be easily negotiated by two personnel.

FEATURES:

- Provides quick and easy access to compressed air
- Promotes a clean and safe work space
- Fixed trolley handle and large wheels for easy manoeuvrability
- Fitted with a safety valve to exhaust air after use
- Custom built options available

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