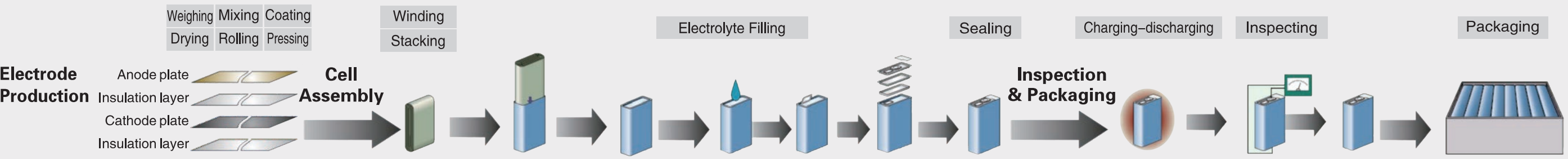
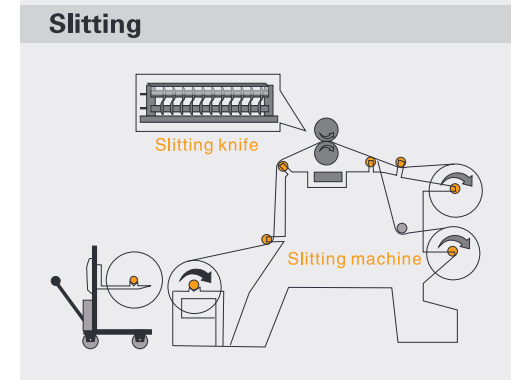
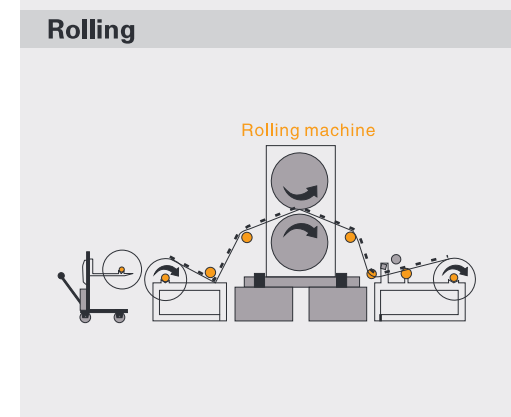
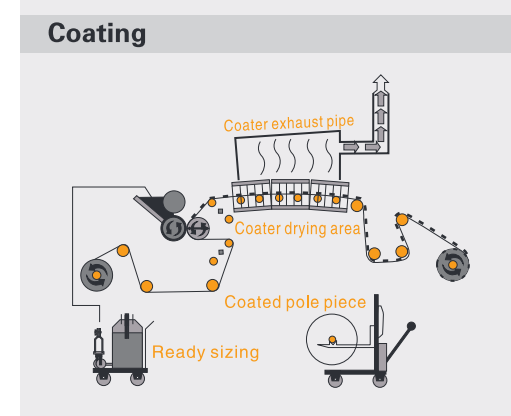
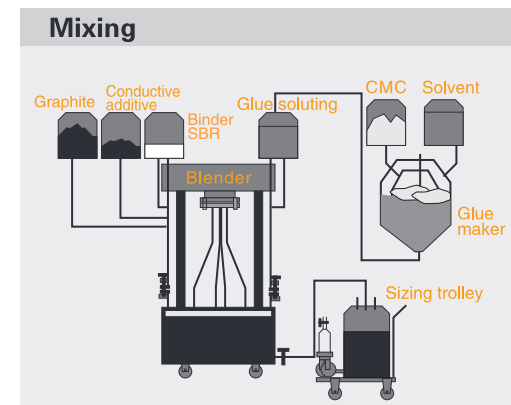
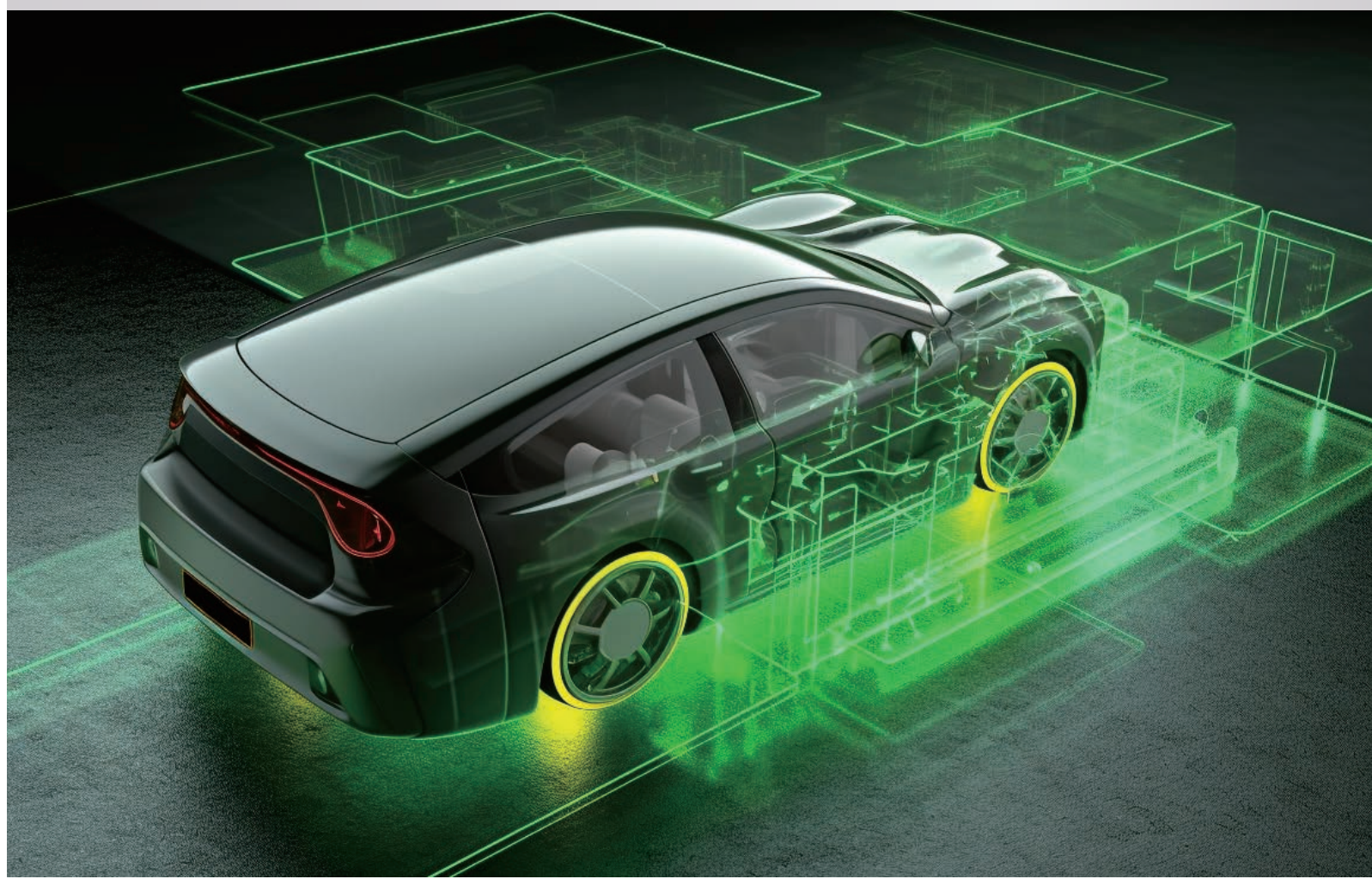


Secondary  
Battery  
Intelligent  
Manufacturing  
Engineering

Corresponding  
Components



# Solution for Lithium Battery Industry



### E04 High Precision Cylinder

- All parts in contact with the air source are limited to copper, zinc, and nickel materials.
- Surface limitations of materials include electrolytic nickel plating and zinc plating.

**Zn Cu**

### ETV Series Proportional Regulator

**High Precision**

- Adopt 32-bits CPU, control precision is  $\leq \pm 0.5\%$ .
- Adopt high-precision built-in pressure sensor.
- Three-color digital display LCD, real time display actual pressure and setting pressure simultaneously.
- Easy to change 4 pressure units at any time.
- Independent internal pressure output signal.
- 4-pins M12A standard(male) fieldbus connector.
- The valve body made by microdiecast technology, protection class IP65.

### EZA Intergrated Vacuum Generator

**Energy-saving Multistage Vacuum**

- Built-in low-power solenoid valve.
- Built-in integrated vacuum, air breaking, noise reduction, energy saving, self-holding and other functions.
- Built-in quick-replaceable vacuum filter.
- Silencer exhaust and port exhaust are optional.
- Three mounting modes.

### EHE Series Fast Switching Valve

**High-speed Reaction 300HZ**

- Direct acting structure, zero pressure starting.
- Can be used in vacuum occasion.
- Universal for N.C. & N.O. type.
- Coaxial cut-off structure, no back pressure balance valve core, solenoid valve action is not affected by working medium pressure, with strong dirt resistance and good sealing performance.
- Manual lever is set to facilitate installation and debugging.

### ESV Series Fieldbus Valve Terminal

**Corrosion-resistant Fluid**

- The Ethernet fieldbus valve terminal standardly equipped with two M12 BUS interfaces.
- System diagnosis, communication error, service life count, short circuit protection, open circuit detection, reverse connection protection, undervoltage and over voltage diagnosis.
- Shielded cable with strong anti-interference ability.

DeviceNet | CC-Link | CC-Link IE | CANopen | IO-Link

### ENB Stainless Steel Fluid Control 2-Way Valves

**Corrosion-resistant Fluid**

- The valve body adopts precision stainless steel casting process.
- Various seals material are available.
- It can be controlled by external pilot air or electromagnetic control.
- Normal open, normal close, and double air control can be chosen.

### EXL High Vacuum L Type Valve

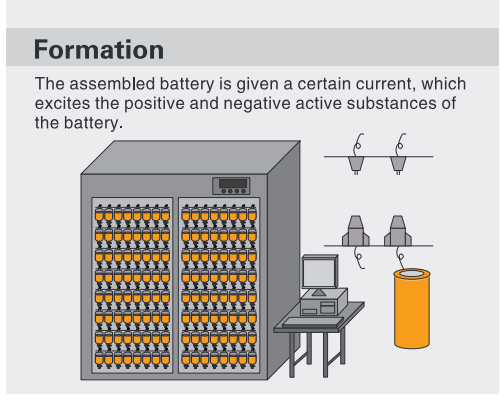
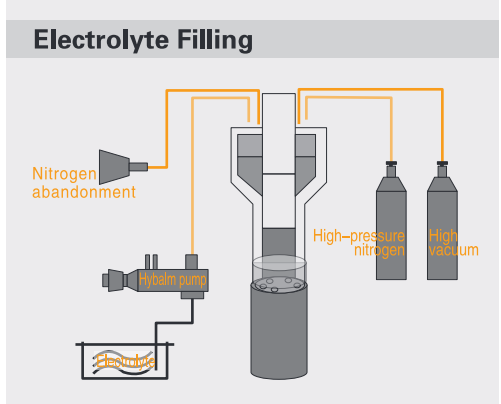
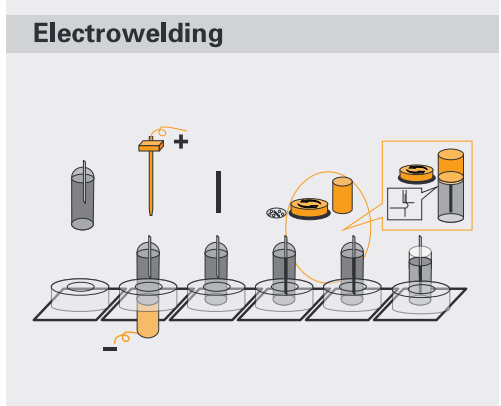
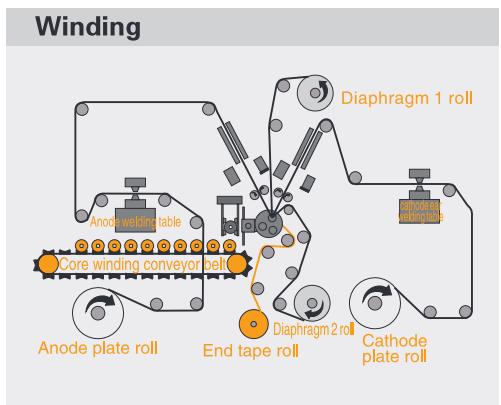
**High Vacuum Solution**

- Adopt aluminum valve body.
- Uniform drying treatment temperature.
- Light weight, compact size.
- Little air leakage.
- Less heavy metal pollution.
- Exchangeable bellows.

### ELQ/ELQL Precision Slide Cylinder

**Compact Design**

- Compact size, durable, high precision.
- Combination of small cylinder and circulating linear guide.
- Parallelism: 30  $\mu$  m, squareness: 50  $\mu$  m.
- Double cylinder design, double output force.
- Large load moment.
- Adjustable stroke (with adjusting stroke device).

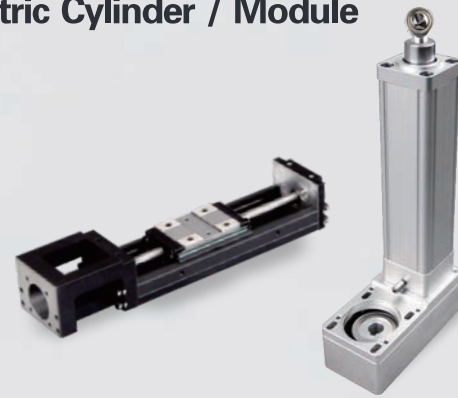




**Air Source Filtration**



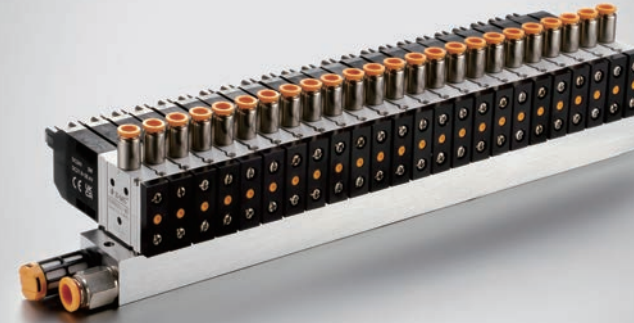
**Electric Cylinder / Module**



**Precision Gripper**



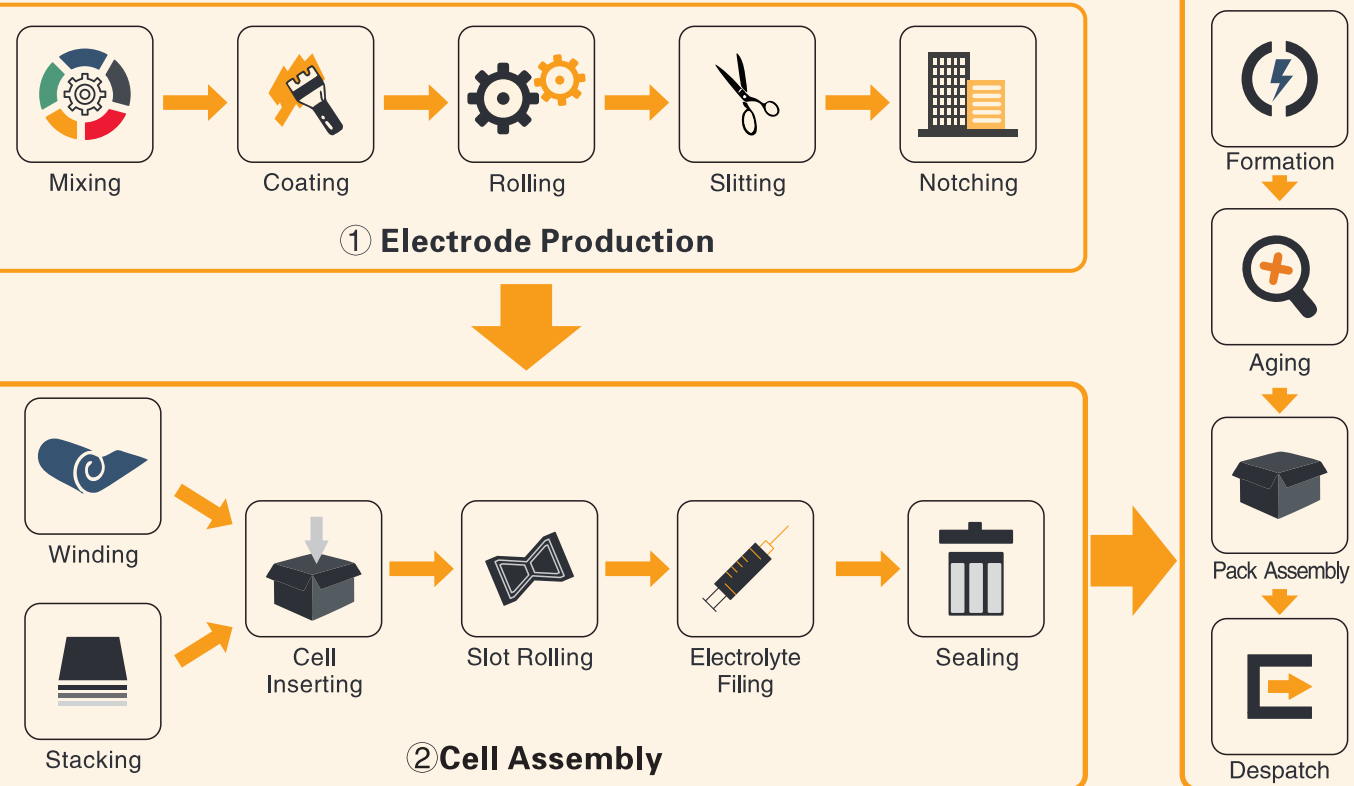
**High Frequency Solution**



**Pressure Control**



**Battery Manufacturing Process**



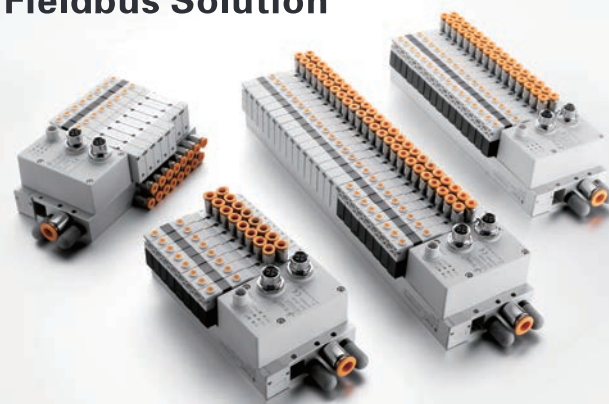
**Anti-corrosion Solution**



**Pressure Switch**



**Fieldbus Solution**



**Vacuum Solution**



**Fluid Control**



**Pneumatic Accessories**



**Precision Cylinder**



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**E · MC Worldwide Sales Network**

E · MC has established a global marketing service network and in-depth marketing channels in special, large and medium-sized cities in China to provide high-quality global product marketing services.

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