



Pneumatic Battery Electrode Die Cutter Cutting Machine 85mmx65mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-QMQ85
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month



Product Specification

- Product Name: Pneumatic Electrode Die Cutter
- Maximum Die Cutting Size: L85mmxW65mm
- Punching Accuracy: ± 0.1 Mm
- Vertical Burr: $\leq 12\mu\text{m}$
- Horizontal Burr: $\leq 20\mu\text{m}$
- The Life Of The Die: Normal Use $\geq 30,000$ Times
- Air Cylinder: Max 1T
- Die Cutting Stroke: 35mm
- Highlight: **Pneumatic Battery Electrode Die Cutting Machine**
, Pneumatic Electrode Die Cutter,
Battery Electrode Die Cutter



More Images



Product Description



Pneumatic Die Cutting Machine For Battery Electrode Cutting

Model: MR-MQ280

MR-QMQ85 is a gas driven die cutter for producing pouch battery cathode/anode electrodes (no electricity required) Its compact design enables the operation inside a glove box with Ar atmosphere where moisture/oxygen-sensitive electrodes will be cut (such as lithium metal electrode for LithiumSulfur, Lithium Air, and Lithium Solid-State batteries).

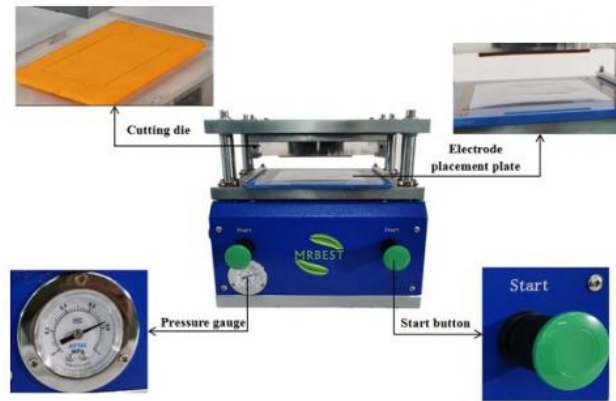
Main Features:

Sheet type electrode feeding, knife template for die cutting, can be placed in the glove box.
 Easy to replace the cutter.
 Long die life, normal use $\geq 30,000$ times.
 No quality defects such as burrs, powder drop, and indentation.
 Adopts four pillar structures, up and down slip smooth and high precision.
 Exquisite appearance, easy to operate, safe and reliable, small size.

Specifications:

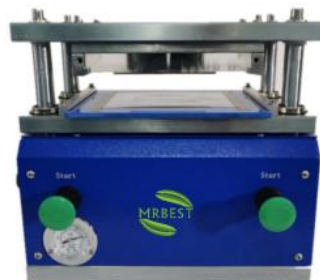
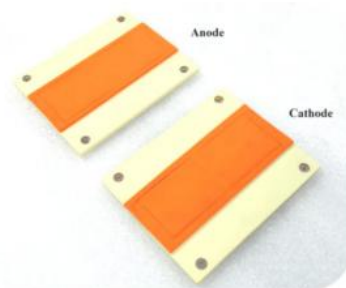
Model	Pneumatic Battery Electrode Die Cutte MR-QMQ85
Die Set Dimensions	Two electrodes (Cathode & Anode) cutting dies are included for immediate use.
Cutting Depth	Max. 0.5mm (tested with aluminum laminated film)
Cutting Accuracy	± 0.1 mm
Cutting Pressure Force	Max. 1T (recommended pressure force for cutting battery electrodes is 0.5T)
Gas Pressure	0.5~1.0Mpa (0.7Mpa is recommended) 1. For the use of inside the glove box, please use compressed inert gas such as Ar. 2. For the use of outside the glove box, you may use the air compressor, 60 psi recommended. 3. Compressor included <i>Attention: If a gas cylinder is used instead of air compressor, a two-stage pressure regulator must be installed on the gas cylinder to limit the pressure within the required working range for safe operation.</i>
Feeding	Manually
Stroke Length	12mm
Cutting Die Life Span	~30000 strokes
Compliance	CE Certified
Product Dimensions	370mm(L) x 250mm(W) x 245mm(H)
Net Weight	32KG
Warranty	One Year limited warranty with lifetime support

Picture for Reference



Customized cutting die

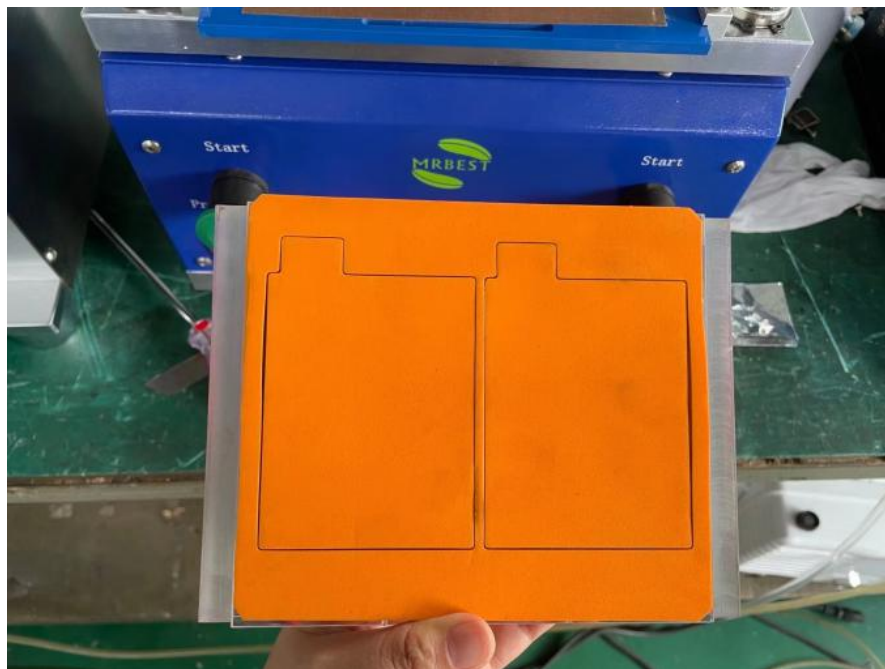
Easy to change, different customized sizes
are available



Small volume&light weight

Suitable for lab use, if you have special
needs to cut lithium foil, it is also suitable
for put in glove box.





Pouch Cell Assembly Machines



Cylindrical Cell Machine



Coin Cell Machines

MRBEST Factory Show





Shenzhen Meirui Zhida Technology Co., Ltd
Manufacturer Vendor for Lithium Battery Equipment in Shenzhen China
MRBEST Engineers has over 20 years experience in Lithium-ion Battery Researching and Manufacturing!
MRBEST International Sales Team has over 10 years export experience
24*7 Online after-sale dept and quick response!
Provide complete solution for Battery & Material Research Equipment
MRBEST Factory with ISO Certificate and products are CE approved



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