

## Precision Digital Display Supercapacitor Equipment Battery Electrode Shaping Machine

Our Product Introduction

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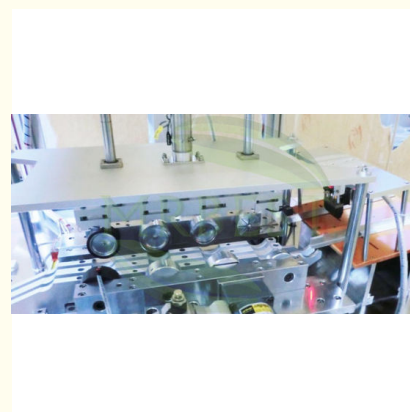
### Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-XZY60
- 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

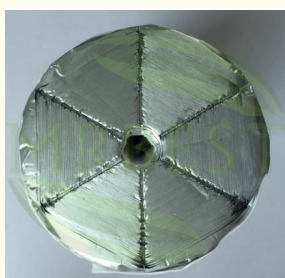


### Product Specification

- Name: Supercapacitor Forming Machine
- Suitable For Diameter: 35-80mm
- Height: 50-204mm Can Be Customize
- Slider Maximum Stroke: 40mm
- Capacity:  $\geq 3$ PPM
- Service Life: More Than 5 Million Times
- Air Consumption: 0.5 M3/min
- Power: 0.5KW
- Highlight: Precision Supercapacitor Equipment,  
Digital Display Supercapacitor Equipment,  
Battery Electrode Shaping Machine



### More Images



## Product Description



### Precision Digital Display Supercapacitor Battery Electrode Shaping Machine

It is mainly used to trim and align the cells of batteries and supercapacitors and compact the end faces of negative poles, to facilitate laser welding the upper and lower current collectors. Four stations are provided for trimming, so that copper and aluminum foil substrate can be presses inwards continuously and regularly, with good forming effects.

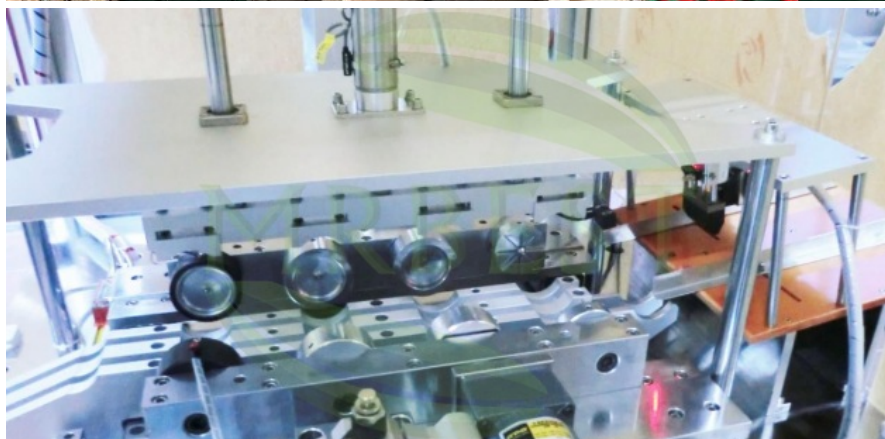
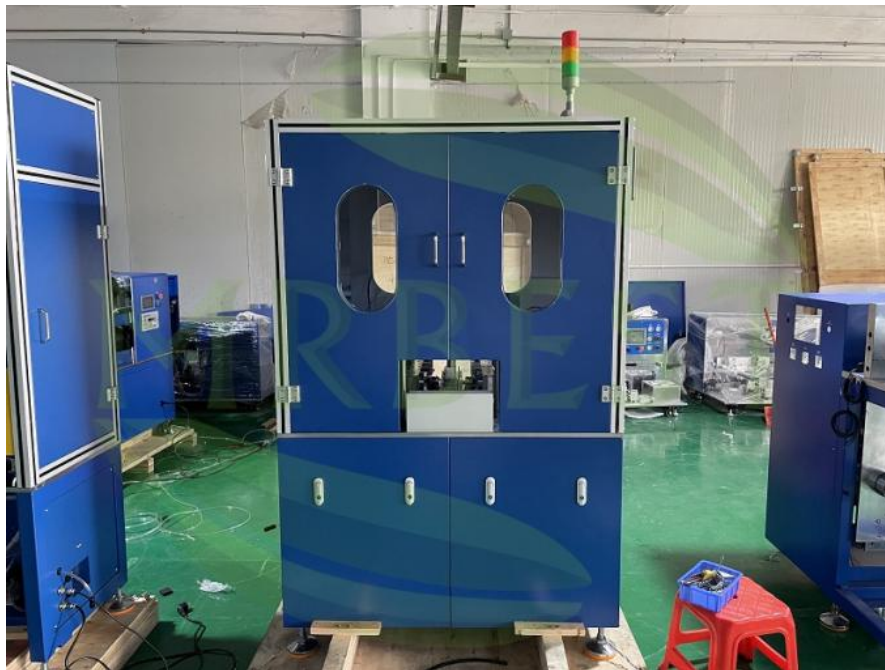
#### Features

- Four stations are provided for trimming, so that copper and aluminum foil substrates can be presses inwards continuously and regularly and overlapped without short circuits.
- The standard product has the function of short circuit testing, to screen out defective parts.
- The resistance test function can be added as needed, and the rest range can be set to detect and screen out the parts with nonconforming resistance.
- When the model is changed, the length adjustable can be detected and displayed by the grating ruler accurately, directly and conveniently.
- The PLC control and HMI are conducive to operation.
- Due to the precision mold, cells can be trimmed accurately.
- The external geometry and aluminum profile cover are exquisite and easy to operate.
- Multiple automatic operation modes are available in response to production condition.

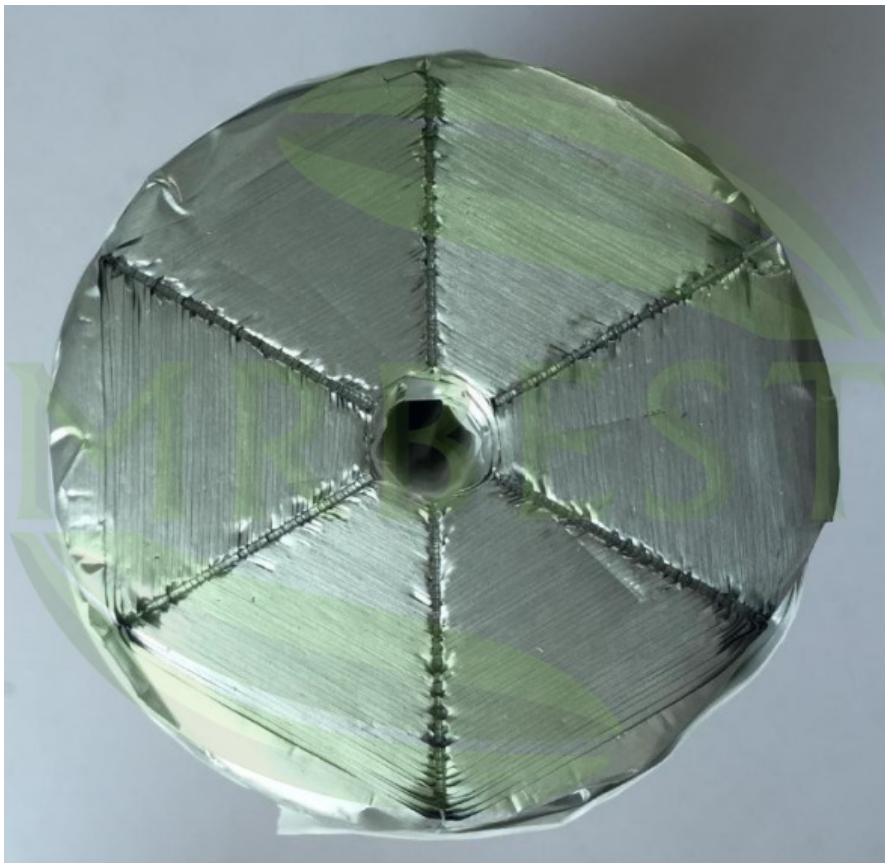
#### Specifications

Model	Supercapacitor Forming Machine MR-XZY60
Voltage	AC220V, 50Hz
Power	0.5KW
Application	Φ60mm battery and supercapacitor cells, with a length of H50~150mm can be customized
Trimming speed	Adjustable
Pressure holding time	Adjustable
Max stroke of the slide (pressing head)	40mm
Length positioning accuracy	±0.03mm
Trimming length error	±0.1mm
Service life (toll and mold)	≥5000000 times
Control	PLC process control
Capacity	≥4PPM

Utilization rate	98%
Air source	0.5MPa~0.7MPa
Air consumption	0.5m3 /min
Dimension	L1100 * W850 * H1700mm
Weight	450kg











Planetary Vacuum Mixer



Automatic Film Coating Machine

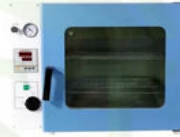


Rolling Press Machine



Coin Cell Punching Machine

### Coin Cell Lab Equipment



Vacuum Drying Oven



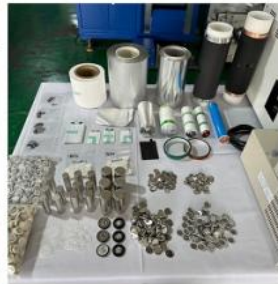
Glove Box



Coin Cell Crimper



Battery Testing Machine







Shenzhen Meirui Zhida Technology Co., Ltd. is a Manufacturer specializing in a Complete Set of Lithium Ion Battery Research Equipment. MRBEST has been committed to providing customers with comprehensive Battery Research and Development Equipment to meet customers' new Lithium Battery Technology and New Needs in recent years, such as Sodium Batteries, Solid-state Battery and Semi-solid-state Battery Equipment, special process requirements such as dry process, 4680 large cylindrical battery equipment requirements etc. Create One-Stop Service for Battery Research Equipment for customers and provide Professional Technical Guidance and Support!



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