



Semi Auto 200W Pouch Cell Assembly Battery Electrode Stacking Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-BDP200-B
- 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

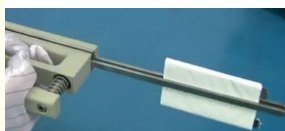


Product Specification

- Product Name: Pouch Cell Stacking Machine
- Stacking Methode: Z Fashion
- Stacking Electrode Size: 200mm X 150mm Max. 44mm X 44mm Min.
- Acceptable Separator Roll Size: 220mm O.D Max.
- Max. Electrode Thickness: Piled Up Thickness < 12mm
- Aligning Accuracy: $\pm 0.3\text{mm}$ For Stacked Electrodes
- Power: 200W
- Working Voltage: AC110V-220V 50/60Hz
- Highlight: Semi Auto Pouch Cell Assembly, 200W Pouch Cell Assembly, Pouch Cell Battery Electrode Stacking Machine



More Images



Product Description



Semi-Auto Pouch Cell Stacking Machine for Battery Electrode Stacking

Model: MR-BDP200-B

It is suitable for the stacking process of battery cells. The positive and negative electrodes and the separator are Z-shaped stacked. It is a device that can be used in the process of lithium-ion battery stacking. The Pouch Cell Equipment adopts automatic tension control system of separator. The air cylinder drives the separator to move left and right to realize Z-fashion stacking. The cantilever design is easy to operate. Compared with the manual stacking machine, the equipment has the advantages of high stacking efficiency, good stacking uniformity and wide range of applicable battery size. It is an ideal choice for R&D sample production and small batch trial production equipment.

Main Features:

- * The adjustment, operation and maintenance of the machine are simple and easy;
- * Suitable for large size range of electrodes;
- * Semi automatic stacking and weighing tension control system
- * Automatic count and return to zero function
- * Automatic maintenance of last used parameter state function after power failure and not in use
- * The whole machine is suitable for a wide range of battery sizes
- * Foot switch is used to control cylinder action
- * The adjustment, operation and maintenance of the machine are simple and easy
- * High efficiency, with digital display timer
- * Table type, can be placed on the ordinary desktop, the appearance is exquisite and beautiful;

Technical Specifications

Product Name	Semi-Auto Stacking Machine MR-BDP200-B
Working Voltage	AC220V 50/60Hz
Stacking Electrode Size	200mm x 150mm Max. 44mm x 44mm Min.
Max. Electrode Thickness	Piled up thickness < 12mm
Aligning Accuracy	±0.3mm for stacked electrodes
Acceptable Separator Roll Size	220mm O.D Max.
Slidable Electrode Fixture	Two slidable fixtures ensure a compact, tight electrode stacking
Electrode Tongs	One electrode tongs are included for easy electrode pick-up
Suggested Air Pressure	0.4 – 0.6 MPa (Air compressor is not included in the standard package.)
Product Dimensions	600mm(L) x 650mm(W) x 760mm(H)
Net Weight	50Kg
Applicable environment	Ambient temperature 25±3 , humidity 30~90RH, no vibration and electromagnetic interference
Compliance	CE Certified
Warranty	Two Years limited warranty with lifetime support

Picture for Reference





Adjustable fixture

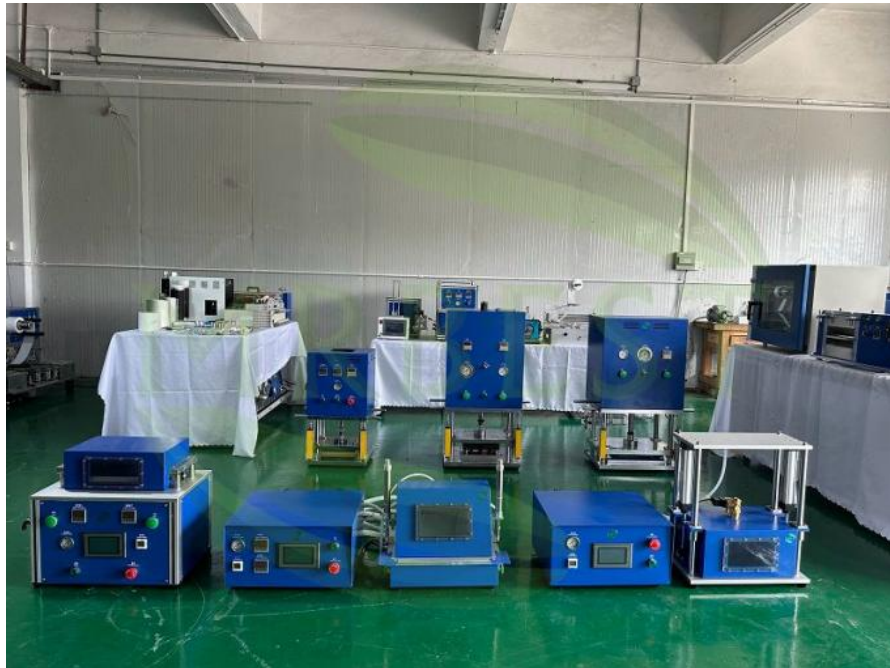
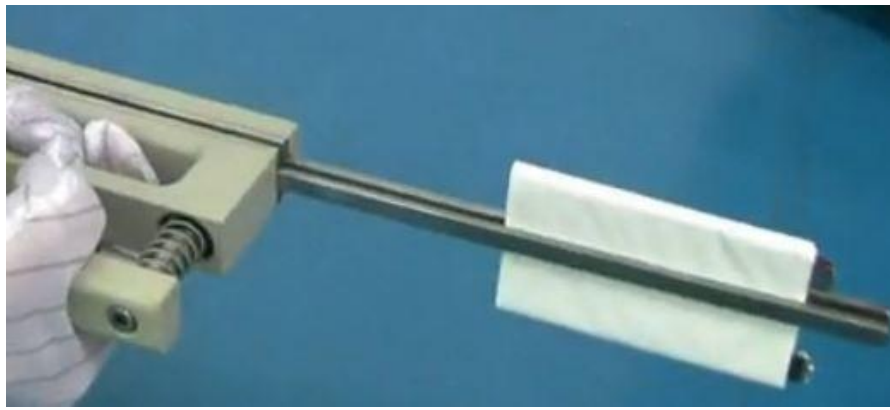
Suitable for various pouch cell sizes



Counter

With counter to count stacking times





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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