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Lithium Pouch Cell Semi-Auto Stacking Machine

The device is suitable for lithium battery cathode/anode electrode and separator Z-type stacking process.

- Item No.:TOB-BDP200-C
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN

Product Detail

Lithium Pouch Cell Semi-auto Stacking Machine

SPECIFICATIONS

The device is suitable for lithium battery cathode/anode electrode and separator Z-type stacking process.

This equipment realizes manual loading, subsequent electrode position correction and stacking process is fully automatic. It has the characteristics of high stacking efficiency and high stacking accuracy. The device design can stack a maximum of 200 * 200mm cells, and different sizes can be achieved by adjusting the fixture, which is very suitable for the development and sample production of stacking lithium ion batteries. The equipment adopts a single cantilever structure design, automatic constant tension control of roll separator materials, and automatic correction control.

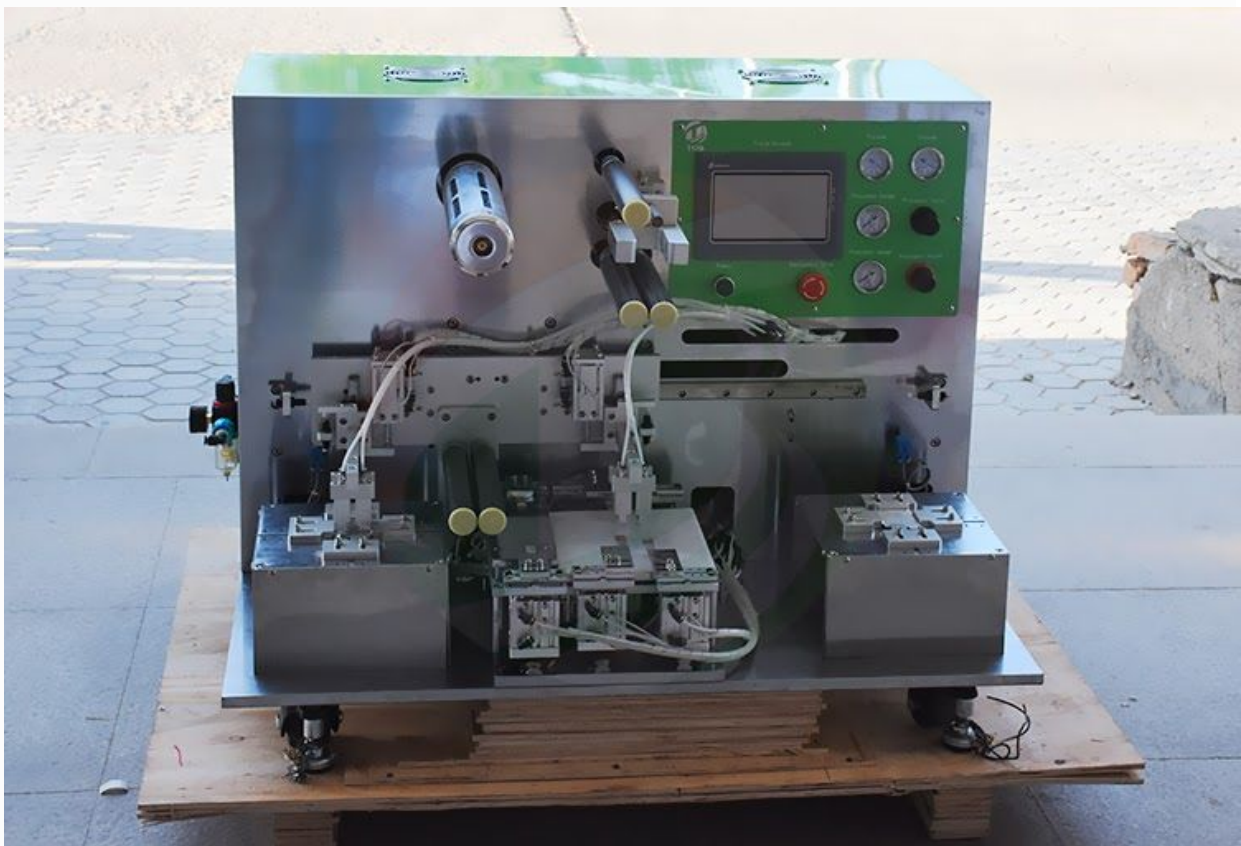
Main Feature:

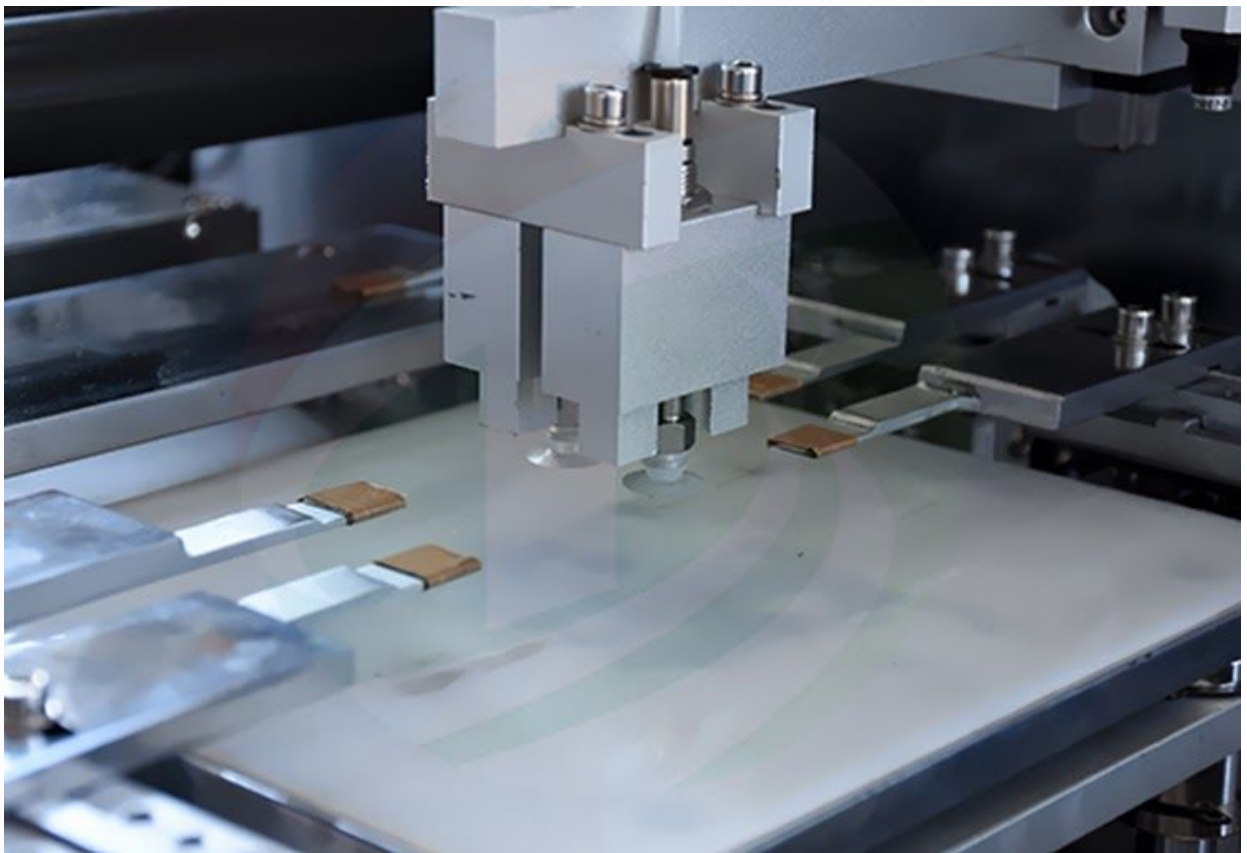
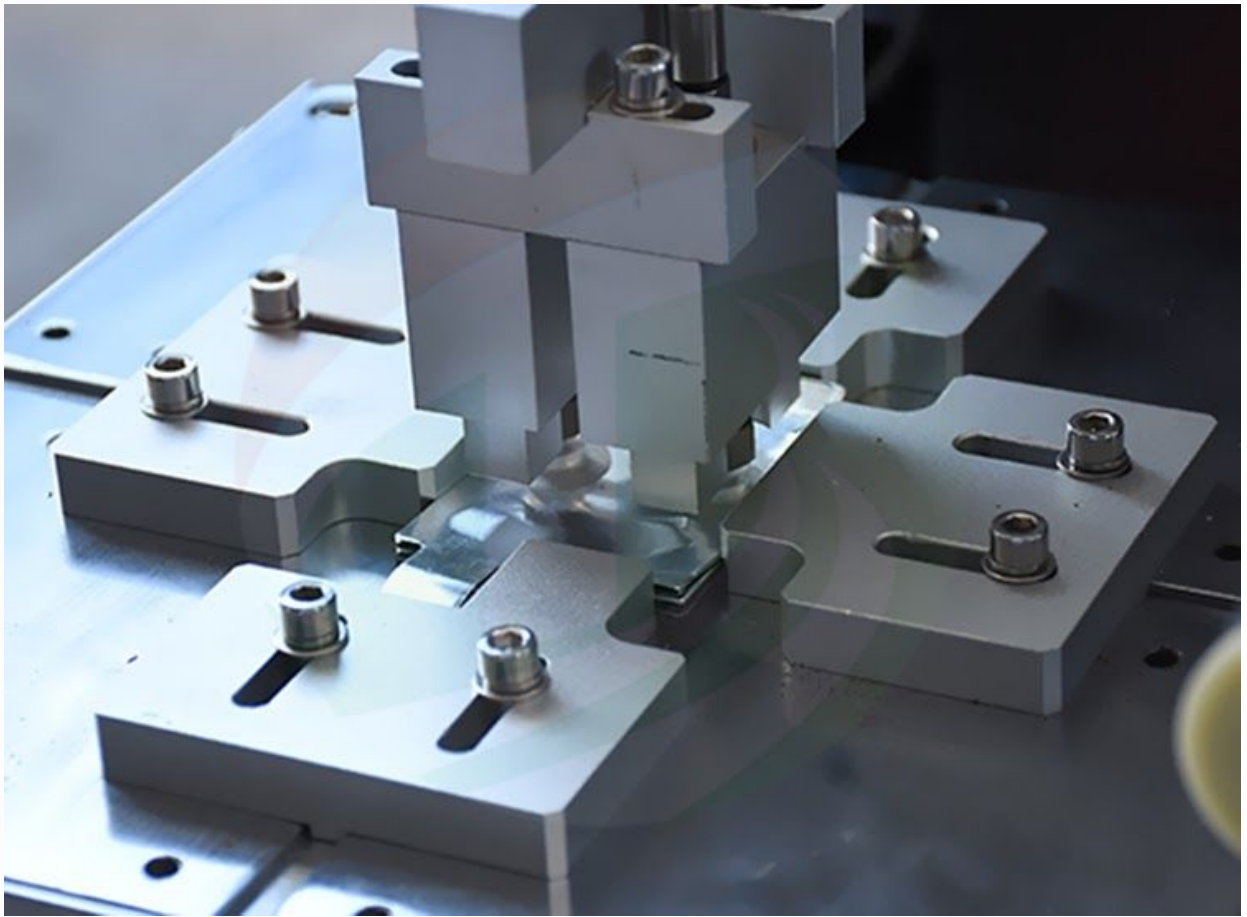
- 1.The number of stacking layer can be controlled automatically according to preset settings;
- 2.Compatible design, battery size change can be achieved by adjusting positioning fixture, large adjustment range.
- 3.PLC control, HMI operation, easy to use and maintain;
- 4.Manual loading of electrode, automatic positioning, robotic hand automatic suction, automatic stacking.
- 5.Roller separator automatic servo constant tension control
- 6.Separator automatic photoelectric correction control

Model	Semi-auto stacking machine TOB-BDP200-C
Stacking Type	Z Type
Operate method	Manual feed,robot hand take stacking material, automatic full separator
Maximum Separator diameter	φ250mm
Separator core diameter	3" roll core with air shaft clamping
Stacking accuracy	Uniformity $\leq \pm 0.3\text{mm}$
Stacking Layer No.	Max 500 can be set
Stacking range	BatteryMin. L36mm *W36mm, Max. L200mm*W200mm (not include tab)
Power supply	Single phaseAC220V $\pm 10\%$ (110AVC customized, frequency 50HZ/60HZ)
Power	0.6KW
Compressed air source	0.5MPa ~ 0.7MPa

Outer size	L100*W78*H76 (cm)
Weight	About 400kg
Air source	0.5-0.8Mpa Compressed air
Remark	<p>1. Suggest using temperature:25±3°C,humidity 30-90RH, No vibration and electromagnetic interference</p> <p>2. Roller separator automatic servo constant tension control</p> <p>3. Separator automatic photoelectric correction control</p>

PRODUCT DISPLAY





PACKAGE

