



XIAMEN TOB NEW ENERGY TECHNOLOGY CO., LTD.

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Semi-Automatic Lithium Battery Winding Machine



Lithium ion battery semi-auto winding machine for cylindrical or square lithium ion battery.

- Item No.:TOB-SAW-LB17C
- Order(Moq):1set
- Payment:L/C,T/T,Western Union,
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:25days

Product Detail

Semi-Automatic Cylindrical or Square Lithium Ion Battery Winding Machine

SPECIFICATIONS

Product description

This semi-auto winding machine is suitable for cylindrical or square lithium ion battery winding, including artificial feeding electrode sheet, automatic needle extraction and automatic winding, then artificial sticker adhesive and discharge.

FEATURES

1. Suitable for oily electrode, watery electrode and various separators
2. The width of feeding trough(guide plate) can be adjusted, single side adjustable
3. Winding shaft adopts stepper motor drive, keep the winding speed constant.
4. The tension of the electrode and the tension of the separator in the winding process are relatively constant. The consistency of the tension of the winding core and the positional consistency of the electrode and the separator are good; the capacity of the battery core and the uniformity of the internal resistance are improved.
5. The diaphragm is continuous, reduce man-made contact during winding process, reduce the internal short circuit and self-discharge of the cell.
6. Equipment is stable and efficient;
7. Humanized design, simple operation.

N o	Item	Parameters	Note
1	Winding accuracy	≤0.5mm	
2	Control parameters setting	Touch screen operation interface, working parameters can be set	
3	Electrode feeding method	Enter the negative electrode first and then enter the positive electrode, or the opposite process	According to the process requirements
4	Outer covering ending method	Separator outer covering or electrode outer covering	According to the process requirements
5	Winding needle	Φ3.5-φ5mm (Circular type) 38-60 (Square type)	
6	Production takt	5-7ppm (Circular type) 3-5PPM (Square type)	Take a 750mm length electrode as a standard, takt time is related to the length of the electrode, the worker's operating proficiency and the quality of the electrode.

7	Pass rate	≥98%	
8	Utilization rate	≥95%	

PRODUCT DISPLAY

