Lab Coating Machine For Battery Electrode

TOB-TBJ-200 Lab coating machine is a compact Roll to Roll continuous coater for battery electrode sheets with a small size for battery research labs.

- Item No.:TOB-TBJ-200
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7days

Product Detail

Roll to Roll Lab Coating Machine For Battery Electrode (Max. 180mm Width) with Drying Oven

SPECIFICATIONS

1 TOB-TBJ-200 Lab coating machine is a compact Roll to Roll continuous coater for battery electrode sheets with a small size for battery research labs.

2This coating system integrates the functions of reeling in and out, slurry feeder, coating blade, baking oven, and final electrode winding (reeling in). It can coat electrode sheets up to 180mm in width and 500 meter in length automatically.

3This lab coating machine is mainly used for LFP, LCO, LMO and NCM system battery cathode and anode electrode continuous coating.

4The Lab coating machine is with four Direction wheel in bottom, it can be removed easily for laboratory use.

Model	Lab coating machine TOB-TBJ-200
Source voltage	AC 110v/220v, 50HZ/60HZ
Power	3000W
Warranty	One Year limited warranty with lifetime support
Coating mode	Continuous coating
Max coating width	180mm
Applicable matrix thickness	Aluminum foil : 11-30um Copper foil : 8-30um
Mechanical tape speed	≤5m/min, with accuracy ±0.1m/min
Coating speed	0-750 mm / minute, adjustable
Coating thickness	30-200um
Applicable slurry viscosity	1500-15000cps
Coating roller accuracy	≤1um
Coating accuracy	Double dry thickness accuracy error : <±4um Single side dry thickness accuracy error : <±2um Double coated alignment error : <±0.5mm Average length of error : <±0.5mm
Roller inner diameter	3inches
Tension control	Low friction tension system

|	
Struggle to control precision	<±0.3mm
Oven temperature	120°C adjustable, with accuracy ±1°C, Independent PID adjustable
Oven Length	800mm
Weight	450kg
Dimension(L*W*H)	900*800*900mm

PRODUCT DISPLAY

Pour in battery slurry
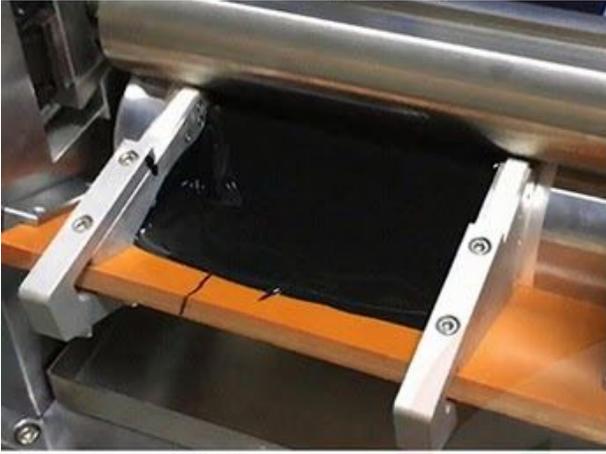
Coting
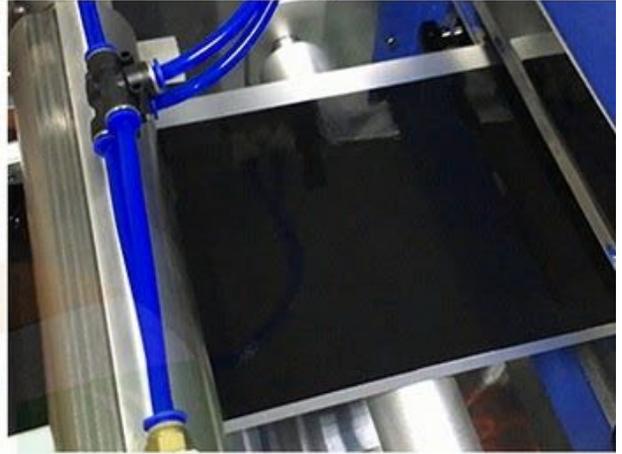
Drying proces
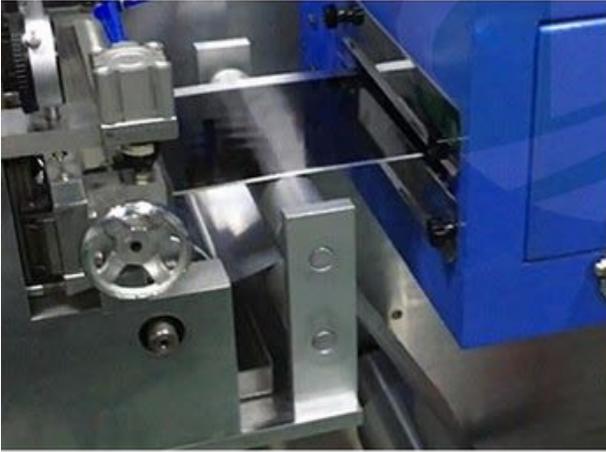
Winding
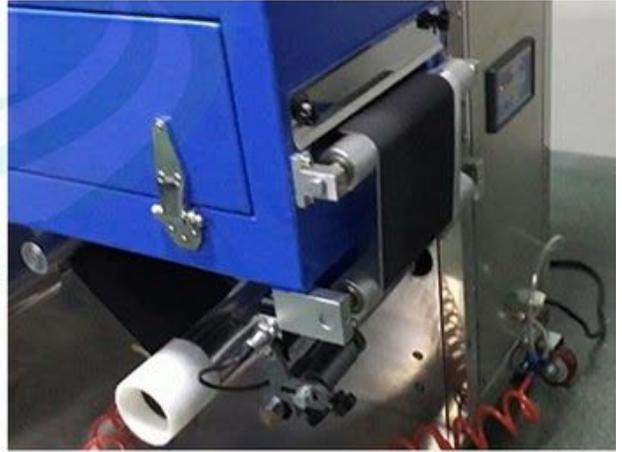
PACKAGE AND SHIPPING

1 Standard exported package : Internal anticollision protection, external export wooden box package

2 Shipping by express, by air, by sea according to customer's requirements to suggest the most suitable shipping mode

3 Responsible for the damage during shipping process, change the damage part for free

4 Supply with suitable voltage input and power plug according to customer's country requirements.

5 Supply with CO, ECO, FORM A, FORM E and any other original certificate for import custom clearance and tax relief.

SERVICES

1 We supply machines with battery technology support.

2 We can also supply a full set of materials for lithium battery including polymer battery, cylinder battery, mobile phone battery, EV battery.

3 We can also supply a full set of lithium battery equipment for lab research, pilot scale research and production line.

4 We can also supply a full set of battery technology for battery design, research and producing.