



**XIAMEN TOB NEW ENERGY TECHNOLOGY CO., LTD.**

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## 6M Drying Oven Battery Continuous And Intermittent Coating Machine



The **lithium battery coating machine**

**TOB-132MS-500-6M model coating machine** is a single face continuous and Intermittent coating machine mainly used for Slurry drying process of lithium battery electrode coating. The battery coating machine adopts continuous and Intermittent coating mode, is mainly used for lithium battery pilot scale production line

- Brand:TOB NEW ENERGY
- Item No.:TOB-132MS-500-6M
- Order(Moq):1
- Payment:L/C,T/T,Western Union
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:30-60

## Product Detail

**300mm Width Lithium Battery Roll to Roll Battery Electrode Continuous/ Intermittent Coating Machine (Max. 400mm Width) with 6 Meter Drying Oven Coating Machine With 6M Baking Oven**

## SPECIFICATIONS

The lithium battery coating machine TOB-132MS-500-6M model coating machine is a single face continuous and Intermittent coating machine mainly used for Slurry drying process of lithium battery electrode coating. The battery coating machine adopts continuous and Intermittent coating mode, is mainly used for lithium battery pilot scale production line.

Model	Lithium ion Battery Coating Machine TOB-132MS-500-6M
Source voltage	AC 220V/110V, 50HZ/60HZ
Power	40000W
Warranty	One Year limited warranty with lifetime support
Suitable material thickness	Aluminum foil : 0.01-0.03mm Copper foil : 0.006-0.020mm
Max electrode width	400mm
Mechanical tape speed	1-6m/min
Coating speed	0.6~8m/min, adjustable
Air compression	0.5-0.7MPa
Coating mode	Single face continuous and intermittent coating
Equipment length	8.5M (3M*2Section oven+2.5M)

<p><b>Equipment function</b></p>	<p><b>1 PLC intelligent control equipment,</b>  <b>has a continuous convex point easily eliminate clearance</b></p> <p><b>2 Use hot air circulation heating mode, high thermal efficiency</b></p> <p><b>3 Coating method : continuous and intermittent coating</b></p> <p><b>3.1 The first face automatic fixed-length block coating</b></p> <p><b>3.2 The second face automatic tracking the first face composite coating</b></p> <p><b>3.3 Reverse coating interval length distance</b></p> <p><b>4 Coating length : More than 50mm can set clearance or continuous coating</b></p> <p><b>The minimum coating length : 8mm, Minimum interval length : 5mm,</b></p> <p><b>The minimum track length : 50mm</b></p> <p><b>5 Double-sided dry thickness accuracy : <math>\leq\pm 0.003\text{mm}</math></b></p> <p><b>5.1 Both the front and coated alignment error : <math>\leq\pm 0.5\text{mm}</math></b></p> <p><b>5.2 Each length error : <math>\leq\pm 0.5\text{mm}</math></b></p> <p><b>5.3 Each paragraph width error : <math>\leq\pm 0.5\text{mm}</math></b></p> <p><b>5.4 Trailing : <math>\leq\pm 0.5\text{mm}</math></b></p> <p><b>6 Volume release tension can be adjusted continuously : 0~25N</b></p> <p><b>7 Precision rectification controller : <math>\pm 0.2\text{mm(Re)}</math></b></p> <p><b>8 Core winding diameter : 3 inches, USES the gas rose axis, Max 300kg</b></p> <p><b>9 Baking mode :</b></p> <p><b>9.1 Hot wind drying, hot wind circulation,</b></p> <p><b>9.2 Electric heating,</b></p> <p><b>9.3 Hot air volume can be adjusted, air volume can be adjusted</b></p>
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10 Oven material :

Both inside and outside is made of stainless steel,  
oven shell thickness is 1.5 mm

11 Oven temperature: RT- 150 °C,

each segment can be independently adjustable,  
temperature control precision  $< \pm 1^{\circ}\text{C}$ .

12 Coating roll diameter :  $\Phi 120$  mm

13 Max winding diameter :  $\Phi 500$  mm, Max volume weight 300 kg

## Product Display



