



## AC380V Automatic Winding Machine 60138 Supercapacitor Core Winding Machine

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-AWM650
- 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

- Name: Automatic Winding Machine For 60130 Supercapacitor
- Application: Supercapacitor Core Winding
- Voltage: AC380V
- Compressed Air: 0.45~0.6MPa
- Winding Height: 100~170rpm
- Working Temperature: 20~30
- Relative Humidity: 30~55% Rh
- Feature: Can Monitor Winding Length And Diameter
- Highlight: **AC380V Automatic Winding Machine, Supercapacitor Automatic Winding Machine, Supercapacitor Core Winding Machine**

## Product Description

### Automatic Winding Machine for 60130 Supercapacitor and Cylinder Battery Winding



**Model:** MR-AWM650

It is a fully automatic winding machine for lithium batteries supercapacitor, which is with the function of monitoring winding length and diameter. It is capable to carry out chamfer, hole punching, short circuit testing, it features stable working status and technology guarantee.

#### Key Features

- Manually feeding material, automatically winding, tape sticking and discharging.
- High winding precision, cathode & anode electrode alignment, separator & electrode alignment tolerance within  $\pm 0.5\text{mm}$ . Diviation error of electrode and separator is less than  $\pm 0.5\text{mm}$  during winding.
- The electrode cutting edge is flat and smooth, and the cutter is made of aluminum alloy to ensure the sharp edge.
- The separator surface is flat and smooth, no separator misalignment and no burrs after punching holes.
- It owns short circuit testing function.
- Separator tension can be set, automatic correction.
- It is equipped with brush dust removal function.
- Monitoring for winded diameter.

#### Technical Parameters

Model	Automatic Winding Machine for 60138 Supercapacitor MR-AWM650					
Voltage	AC380V					
Compressed air	0.45~0.6MPa					
Stacking length	1000~6000mm, tolerance within $\pm 2\text{mm}$ (accorfing to different material thickness and length, maximum external winding diameter 100mm)					
Winding speed	For electrode L5000 * W100mm, 4~5 pcs/min output. It is according to different winding requirement.					
Winding pin	$\phi 8 \sim \phi 20\text{mm}$ optional according to different requirement					
Winding diameter	$\phi 25 \sim 70\text{mm}$ , external diameter tolerance within $\pm 0.8\%$					
Working surrounding	No corrosive gas and liquid, no explosive gas					
Working temperature	20~30					
Relative humidity	30~55% HR					
Weight	5500kg					

Material	Feeding method	Single piece length(mm)	Width(mm)	Thickness( $\mu\text{m}$ )	Max external diameter(mm)	Inner diameter(mm)

		Dimension range	Dimension n range	Toler ance	Dimensio n range	Toler ance		
Cathode electrode	Roll	600~6000	80~160	±0.1	100~320	±10	400	75.8
Anide electrode	Roll	600~6000	80~160	±0.1	100~320	±10	400	75.8
Separator	Roll		80~160	±0.1	16~50	±10	350	75.8

### Our Advantages

1. Steady and high quality ! -cause we are a manufacturer of Lithium Battery Equipment, and we only focus on one thing that is make professional Lithium ion Battery Equipment for customer around the world.
2. Friendly use! all MRBEST Battery Equipment with teach manual and support live teaching via media.
3. Reliable factory! My factory located in Shenzhen city of China, support factory visit and video factory visit .
4. 1 year warranty plus lifetime technical support.
5. All the parts use on machine, in stock forever.
6. Powerful technical support, NOT TRADE COMPANY! We are professional on Lithium Battery Equipment, the chief engineer team have more than 20 years experience on lithium battery area, so we can easy do diagnose on machine if customer have question.
7. 100% PATIENCE to all customers! Our patience not only before consult order, also after-sale service, one by one .



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