

AUTOMATIC ELECTROLYTIC CAPACITOR WINDING MACHINE MODEL EWM-250



Features

- ❑ Designed to produce Electrolytic Capacitor with Ten pairs of cold welded tabs for Anode & Cathode foils.
- ❑ Provision to wind capacitor in series mode (Double Anode).
- ❑ Pneumatic type spring lock feeders for quick loading of spool.
- ❑ Electronic tension control with low friction cylinders for dancing rollers and AC Servo motor with drives for feeders.
- ❑ On-line margin setting of spools and automatic detection of spools exhaust.
- ❑ Brushless AC Servo controlled Main Winding.
- ❑ Automatic tab feeding, punching and cutting of tabs at predetermined position.
- ❑ Tabs are Cold Welded on to the Anode and Cathode foils through Hydraulic pressure.
- ❑ Automatic Single/Dual taping of the wound element.
- ❑ Automatic unloading of element onto the conveyor through ejection chute.
- ❑ Simultaneous & Synchronized operation through PLC (Programmable Logic Controller) control.

Technical Specification

	Paper/Dielectric	Anode Foil	Cathode Foil
Feeders	6	1	1
Roll Inner Diameter	50mm	50mm	50mm
Roll Outer Diameter	400mm	300mm	300mm
Thickness	20 - 80 microns	60 - 180 microns	18 - 30 microns
Winding Diameter	Min. 25 mm to Max 95mm.		
Winding Length	Up to 15meter		
Winding Width	Min. 50 mm to Max. 250 mm		
Tab Width	8 mm or 10 mm		
Tab Thickness	150/200 microns		
Tab Length	Outside the element - 30 - 80 mm		
Punch Hole Dia On Tab	4.1mm		
Adhesive Tape Width	8 mm to 20mm.		
Adhesive Tape thickness	6 micron		
Adhesive Tape Outer Diameter	90mm or 110mm		
Adhesive Tape inner Diameter	75mm		
Mandrel Size	Split pin type Dia. 10 mm or 12 mm		
Element Sealing	Circular sealing by Adhesive Tape		
Safety Enclosure	Dust protection Enclosure for High Quality product & Safety (Optional)		

General Specification

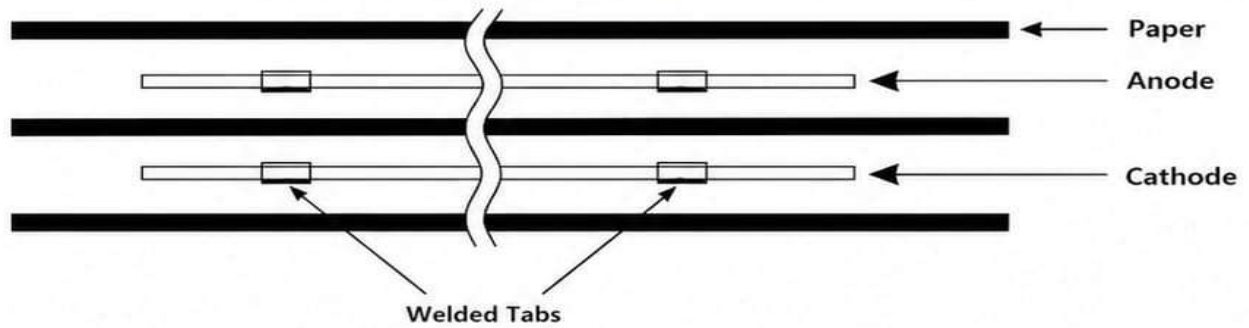
Power supply : 415 V AC $\pm 10\%$, 50Hz, 3 phase, 4kW.
 Air supply : Pressure - 6 Bar, consumption - 8cfm.
 Floor space : 1907 x 2343 x 2100 mm (W x D x H)
 Machine weight : 1800 Kgs (Approx.).



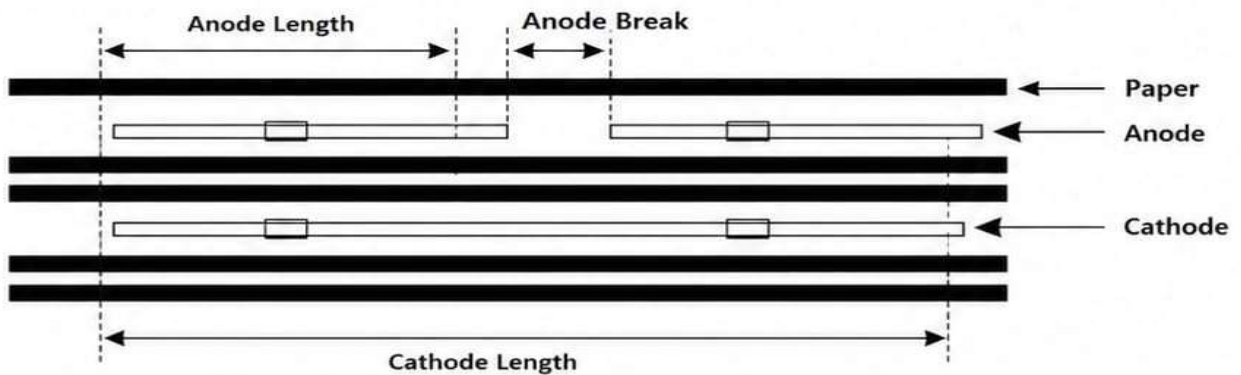
NOTE: We reserve the right to modify above specifications at any time. please confirm your specification before ordering.

Winding Configuration

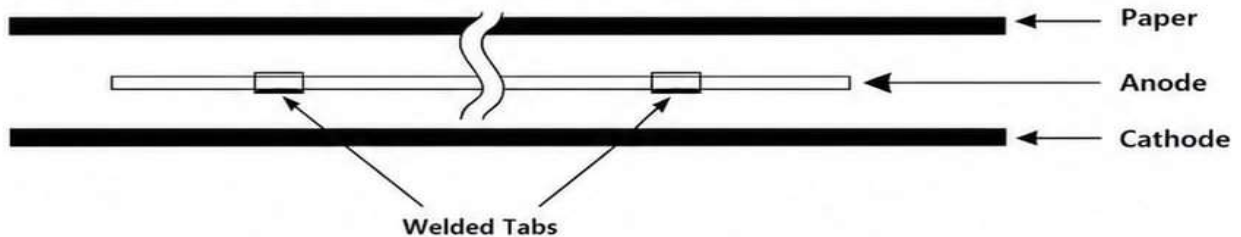
1. WITH 4 PAPER



2. WITH 6 PAPER



3. WITH EXTERNAL CATHODE AND 2 PAPERS (STANDARD)



4. SERIES TYPE (DOUBLE ANODE)

