

AUTOMATIC CAPACITOR WINDING MACHINE MODEL - 5432A



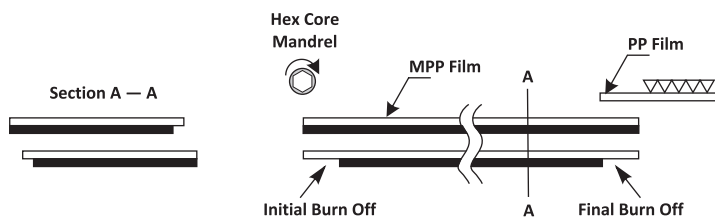
Features

- ❑ High Speed winding.
- ❑ Winding for calculated capacitance.
- ❑ 2,3,4/5 elements/cycle of winding for better productivity.
- ❑ 3 position indexing arrangement, facilitates simultaneous and continuous operation.
- ❑ Hex core mandrels are driven by AC servo motor, controlled by AC servo drive with surface speed control with adjustable acceleration & de-acceleration.
- ❑ Electronic tension control with low friction cylinders for dancing rollers and AC Servo motors with drives for each feeders.
- ❑ Temperature controlled heat sealing of wound element.
- ❑ Pneumatically operated feeders for Fast loading of spools with firm gripping.
- ❑ On-line margin setting of spools.
- ❑ Automatic pre - detection and machine stoppage when spools exhausts, which will occur when spools will be left with material,for only 1 element winding.
- ❑ User friendly touch screen operator controls along with program memory(100 programs storing facility).
- ❑ Metallized films are demetalized during the initial and final turns of the winding.
- ❑ Automatic loading of cores to the mandrel through hopper unit.
- ❑ No change parts/settings for change in film widths.
- ❑ Wound elements are ejected onto the motorized conveyor automatically and thereby to collection bin.
- ❑ Safety enclosure to electrical area and operational area with limit switch interlocks for operator safety.

Technical Specification

	MPP	PP	Burn Off
Feeders	10	5	2
Roll Inner Diameter	75mm	75mm	75mm
Roll Outer Diameter	350mm	300mm	180mm
Thickness	4 - 12 microns	12 - 30 microns	25 - 40 microns
Winding Diameter	Min. 17mm to Max. 80mm		
Winding Width	30 mm (5 Element)		
	37.5 mm (4 Element)		
	50 mm (3 Element)		
	75 mm (2 Element)		
Mandrel Size	Standard 5mm Hex Others on request.		
Safety Enclosure	Dust protection Enclosure for High Quality product & Safety		

Winding Configuration



General Specification

Power supply : 415 V AC, 50 Hz, 3 phase, 4 KW (Nominal).
 Air supply : Pressure - 6 bar, Consumption - 8cfm.
 Machine Weight : 2270mm(W)×1560mm(L)×2170mm(H)
 Machine Weight : 2200 kgs (Approx).

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