

HT 450A



SMART AUTOMATIC HT CAPACITOR WINDING MACHINE



ACCURACY

- **DURABILITY -**

VERSATILITY

Features

- High Speed Winding.
- Automatic Winding Machine for Large Extended Foil Type High Voltage Capacitors.
- Testing Data Logging facility.
- Auto Threading and Unloading Facility through Collapsible Mandrel with latest type mandrel.
- Automatic Foil Cut & Fold Unit & Edge Folding for LH & RH Foils.
- Reel with quick Locking System for Easy Loading / Unloading of the Spools.
- Electronic Closed Loop Tension Control for Film- Foil Spools give Uniform Tension, resulting in High Quality Winding -Higher Productivity.
- Auto Dedicte Film -Foil / Exhaust during the Winding Cycle to reduce wastage of Material.
- Web Drive using Servo motor ensures synchronised feeding foil and precise line speed control of head and tail length.
- Integrated Dry- Tester with Capacitance & Tan-D Measurement with automatic transfer & Sorting elements. -eliminates manual handling to ensure better quality.
- Single Shift Type Facilitates for Uniform Winding Operation .

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TECHNICAL SPECIFICATION

*Width Range of Winding -Film & Foil	200 to 450mm
Number of Spools	Film -6Nos Foil - 2 Nos
Range of Film & Foil Thickness	Film 9 μ - 18 μ Foil 5 μ - 9 μ
Range of Winding Diameter	Up to 100mm
ID / OD of Film & Foil	Film & Foil ID 75mm. Film OD 300mm & Foil OD 200mm
Max. Mandrel Rotation Speed in RPM	2 to 3 m/s (Sub Winding Quality)
*Range of Arbor / Mandrel	50mm Dia Collapsible Type
Max. Foil Projection	15mm
Element Unloading	Soft Unloading on Motorized Conveyor

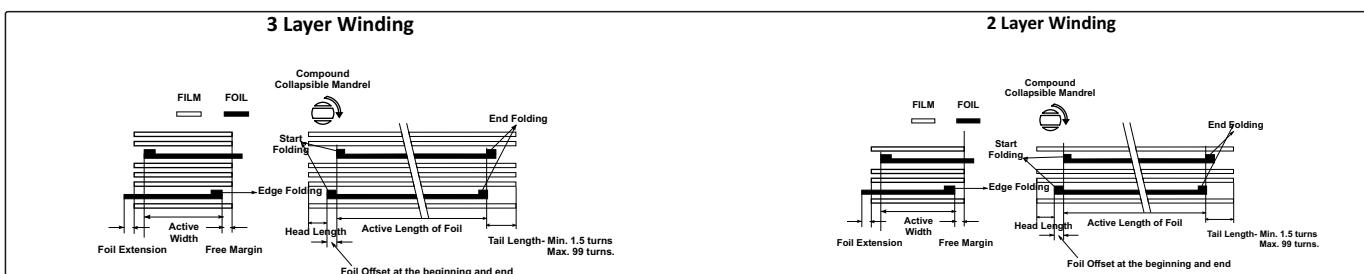
Withstanding Voltage Tester & Capacitance & Tan-D Measurement

*Test Voltage Range	0.5kV - 6kV (Programmable)
Current Test Range	10mA (Programmable)

General Specification

Power Supply	415/380V, 3 Phase , 50/60Hz, 6kW
Air Supply	Compressed Air @ 6 bar. Consumption 8cfm
Floor Space	3000mm x 2420mm x 2300mm (L x W x H)
Machine Weight	2600Kgs (Approx)

Winding Configuration



* Other specification available on request.

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