

DCW 125

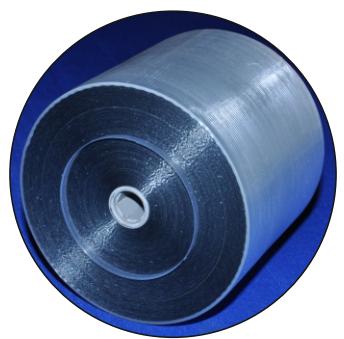
GLOBONIC'S
MFG OF SPECIAL PURPOSE MACHINES

SMART DUAL CONCENTRIC CAPACITOR WINDING MACHINE

13HEX CORE, OD 120MM



DCW IN 30 TO 110 MM WIDTH



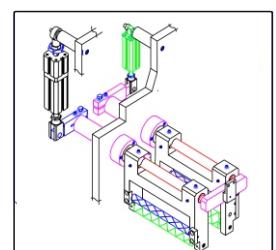
ACCURACY

- **DURABILITY -**

VERSATILITY

Features

- Automatic Winding Machine for Large Capacitors for Power Factor Correction and Power Electronics.
- Dual Concentric Winding and normal winding facility Up to 125mm, Provision for 13Hex Core Winding..
- All Soft Key's are Provided in the HMI, operator can operate step Cycle / Auto Cycle from Machine Rear.
- Reel with quick Locking System for Easy Loading / Unloading of the Spools.
- All 4 MPP Films are De-Metallization Facility in the Initial and Final Turns of Winding.
- Electronic Tension Control for Mpp Film Spools gives Uniform Tension, resulting in High Quality Winding & Higher Productivity.
- Robust Welded Steel Structures, accurately Machined and Finished for Mounting of Various Parts Ensures Perfect Alignment - of All Mechanical Assemblies with reference to the winding mandrel.
- 3 Position Indexing Arrangements, Facilitates Simultaneous and Continuous Operation .
- Staggered cut with or without Burn-off.
- Different De-Metallization Configurations Technology.
- Winding with Calculated Capacitance turns.
- Common Pressure Roller Type Unit.



TECHNICAL SPECIFICATION

Width Range of Double Winding	30,37.5,50,55 & 75mm in 5 Hex 37.5,50,55 & 75mm in 13 Hex -20mm OD Core <small>Note:- Core OD and Hex should be same to Wind 2 Element Per Cycle</small>
Width Range of Single Winding	100mm & 110mm in 5 Hex & 13Hex
Core Size	5 Hex (9mm OD) & (13 Hex 20mm OD)
Range of Winding Diameter	16mm to 125mm In Normal Winding 37.5mm to 125mm In DCW & Normal Winding
Max. Barrier Projection	4mm
Max. Mandrel Rotation Speed in RPM	6000RPM
Range of MPP Material Thickness	4µ - 12µ
ID / OD of MPP Spool	ID 75 and OD 350mm
Number of Mpp Spool	4
Range of Barrier Material Thickness	65µ - 75µ
ID / OD of Barrier Spool	ID 75 and OD 250mm
Number of Barrier Spool	2
Range of PP Material Thickness	25µ - 30µ
ID / OD of PP Real	ID 75 and OD 220
Number of De- Metallization Device	2
Width Range of De- Metallizatino Foil	180
ID / OD of Alu. Foil Spool	ID 40/ 75mm and OD 180mm
General Specification	
Power Supply	415 /380V, 3 Phase , 5060Hz, 4kW
Air Supply	Compressed Air @ 6 bar. Consumption 10cfm
Floor Space	2100mm x 1600mm x 2100mm (L x W x H)
Machine Weight	2000Kgs (Approx)

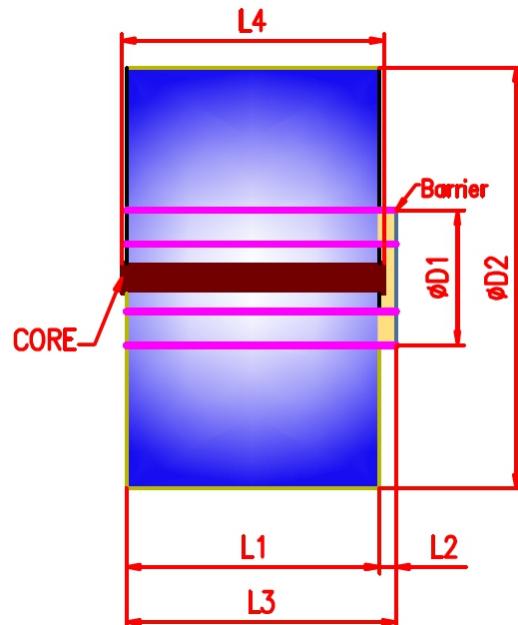
* Other specification available on request.

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

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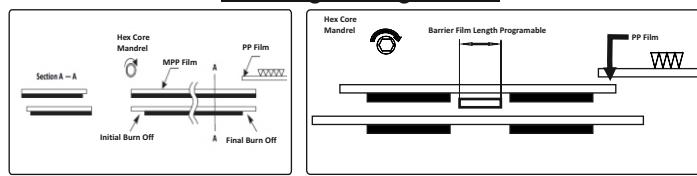


ØD1 Barrier	15 to 30mm
ØD2 ØWinding	125mm
L1 Winding Width Dual Mode	30 to 75mm
L1 Winding Width Single Mode	100 or 110mm
L2 Barrier Shift	3 to 4mm
L3 Dual Mode	33 to 78mm
L3 Single Mode	103 to 113mm
L4 Core	33 to 114mm

DCW



Winding Configuration



Single Value Winding

DCW Winding

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