

Technical Specification - Assembly Winding Machine

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Machine Model		AWS															
No. of Heads		24 – 120 Drums (Multiple of 12)															
Machine Arrangement		Double Sided															
Type of Winding		Random Winding															
Type of Drum		Aluminium or steel or Bakelite Drum - 2 Turns															
No. of Ends		Up to 3 ply – Inside Creel & Above 3 ply External Creel															
Yarn Count		6 – 120 Ne.															
Tack Up Package		Either 4° 20' Conical, 5° 57' Conical or 0° 0' Cylindrical															
Traverse Length (Mechanical)		148mm															
Max. Possible Dia. of Take up Cones		Up to 230 mm															
Max. Dia. of Supply Package		Up to 250 mm (for 2 ply)															
Max. Possible Speed (Mechanically)		850 mpm															
No. of Heads		12	24	36	48	60	72	84	96	108	120						
Length (mm)		2270	4010	5750	7490	9230	10970	12710	14450	16190	17930						
Width (mm)		1350															
Height (mm)		1825 (At Door Opened Position)															
Weight (Kgs) (Wood Packed)		715	1030	1345	1660	1975	2290	2605	2920	3235	3550						
Volume (M ³)		6.0	10.8	15.6	20.4	25.2	30.0	34.8	39.6	44.4	49.2						
Power		Hp	Kw	Hp	Kw	Hp	Kw	Hp	Kw	Hp	Kw	Hp	Kw				
Drive Motor		0.5	0.4	1	0.8	1.5	1.1	2	1.5	3	2.3	3	2.3	5	3.8	5	3.8
Total		1	0.8	2	1.5	3	3.0	4	3.0	6	4.5	6	4.5	10	7.5	10	7.5

Compressed air is required additionally to run Stop Motion Mechanism. (8 liters per operation) / 3 phase, 440 V, 50 Hz