

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								
	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	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