

Technical Specification – Gas Yarn Singeing Machine

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Machine Model		GSP									
No. of Heads		12 – 60 Drums (Multiple of 12)									
Machine Arrangement		Double Sided									
Type of Winding		Random Winding (Hard Anodized Aluminium Drum)									
Type of Yarn		Cotton / Spun Silk / Jute / Viscose Modal / Flax / Ramie									
Tack Up Package		Up to 4 ⁰ 20' Conical or 0 ⁰ 0' Cylindrical									
Traverse Length (Mechanical)		150 mm									
Max. Possible Dia. of Take up Cones		Up to 230 mm									
Max. Dia. of Supply Package		Up to 250 mm									
Gas Consumption		LPG					60 gms / Drum / Hour				
		Natural Gas					90 gms / Drum / Hour				
Air Capacity		100 M ³ / Hr. up to 36 Drum					140 M ³ / Hr. above 36 Drum				
No. of Heads	12 drum	24 Drum		36 Drum		48 Drum		60 Drum			
Length (mm)	2870	4610		6350		8090		9830			
Width (mm)	1450										
Height (mm)	1825 (At Door Opened Position)										
Weight (Kgs.)	1000	1750		2500		3250		4000			
Volume (m ³)	6.4	11.2		16		20.8		25.6			
Power	Hp	Kw	Hp	Kw	Hp	Kw	Hp	Kw	Hp	Kw	
Drive Motor	1	0.75	2	1.5	3	2.25	4	3.0	6	4.5	
Exhaust Fan	2	1.5	3	2.25	5	3.75	7.5	5.63	7.5	5.63	
Air Blower	1	0.75	1	0.75	1	0.75	2	1.5	2	1.5	
Total	4	3	6	4.5	9	6.75	13.5	10.13	15.5	11.63	

Compressed air is required additionally to run Stop Motion Mechanism.

3 phase, 440 V, 50 Hz