

Radio Frequency Drying Systems for the Paper Converting Industry Single Sided Twin Platen Web STW Series



Features

- Increased line speed
- Moisture profiling
- No blocking
- No radiated heat
- Meets CE and current emission regulations
- Selective drying of water based adhesive and coatings not substrate

STW Series Standard Models (Non standard models also available to order)

STW 6/55, STW12/55, STW 12/37, STW 12/109, STW 25/55, STW 25/73, STW 25/109



- Designed for web finishing
- Water based coating
- Remoist
- Pressure seal
- Direct mail
- Complete drying control
- Designed to fit inline with web finishing equipment for maximum operational flexibility and efficiency
- Available with 6kW, 12kW or 25kW continuously rated radio frequency power sources, all operate on ISM Bands (Industrial, Scientific, Medical designated frequencies)

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Technical Specification

STW Series Standard Models (Non standard models also available to order)

Drying Modules STW 6/55, STW 12/55, STW 12/73,

STW 12/109, STW 25/55, STW 25/73, STW 25/109

Model	STW/55 (553 mm)	STW/73 (733 mm)	STW/109 (1098 mm)	Typical Production Speeds
Drying length mm	1288 1588 1948 2308	1288 1588 1948	1288 1588 1948 2308	120 mtrs/min 150 mtrs/min 180 mtrs/min 214 mtrs/min

Radio Frequency Generator 6kW, 12kW, 25kW		
Maximum Possible Water Removable Rate	6kW = 6 kgs/hr 12kW = 12 kgs/hr 25kW = 25 kgs/hr	
Power output (Continuously Rated)	6kW, 12kW, 25kW	
Frequency Standard Mains Supply	27.12 MHz \pm 0.6% Stabilised (ISM Band) 360/440 Volt 3 Phase 50 Hz 440/510 Volt 3 Phase 60 Hz	
Maximum Line Current	400V@50Hz	460V@60Hz
	6kW 17 A	15 A
	12kW 34 A	30 A
	25kW 70 A	60 A
Maximum Power Consumption	6kW 12kVA	-
	12kW 24kVA	
	25kW 48kVA	
Oscillator Valve	6kW -	RS 3010
	12kW BR 1196	
	25kW ITL 12	
Rectifiers	Silicon Diodes	

Strayfield has a policy of continued improvement and reserves the right to alter specification at any time without notice.

For details of guarantee refer to Strayfield Terms and Conditions of Sale.

