

# Radio Frequency Drying Systems for the Paper Converting Industry Two Sided Twin Platen Horizontal and Vertical TTH and TTV 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

TTH and TTV Series Standard Models (Non standard models also available to order)

TTH 12/55, TTH 12/73, TTH 12/109, TTH 25/55, TTH 25/73, TTH 25/109  
TTV 12/55, TTV 12/73, TTV 12/109, TTV 25/55, TTV 25/73, TTV 25/109



- Complete drying control
- Designed for web finishing lines
- Coating lines
- Remoist
- Pressure seal
- Film laminating
- 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)

Strayfield Limited, Ely Road, Theale, Berkshire, England. RG7 4BQ  
Tel: +44 (0)870 428 1086 Fax: +44 (0)870 428 1087  
E-mail: [info@strayfield.co.uk](mailto:info@strayfield.co.uk) Web: <http://www.strayfield.co.uk/>



# Technical Specification

TTH and TTV Series Standard Models (Non standard models also available to order)

TTH 12/55, TTH 12/73, TTH 12/109, TTH 25/55, TTH 25/73, TTH 25/109

TTV 12/55, TTV 12/73, TTV 12/109, TTV 25/55, TTV 25/73, TTV 25/109

Models TTH and TTV	553 mm	733 mm	1093 mm	Typical Production Speeds
Drying length mm	1588 1768 1948 2668	1588 1768 1948	1588 1768	150 mtrs/min 165 mtrs/min 180 mtrs/min 228 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) 400 Volt 3 Phase 50 Hz (460 Volt 3 Phase 60 Hz to order)	
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 -	-
	12kW 12kVA	
	25kW 24kVA	
	48kVA	
Oscillator Valve	6kW -	-
	12kW BR 1196	RS 3010
	ITL 12	
	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.

