

Radio Frequency Drying Systems for the Textile Industry

Conveyor Dryer

SO100T



Features

- Designed to dry a range of package and product types
- PLC control with fault diagnostics
- Highest quality finished product at optimum rates of production
- Flexible, precise and efficient at low rates of energy consumption
- Meets applicable regulations throughout the world



- Reduction of energy consumption
- Auto-control systems avoids operator error
- No steam requirements
- No dye migration
- Pollution free
- Rapid pay-back
- Immediate heat - no warm-up time
- No contamination
- Automatic moisture control
- Improved workplace environment - no radiated heat-loss

Strayfield 

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Technical Specification

SO100T Conveyor Dryer

SO100T Performance Specification		
Product	Moisture	Production/Hour
Polyester	14%-2%	699 kgs
Acrylic	15%-2%	658 kgs
Rame/Cotton	29%-12%	535 kgs
Poly/Cotton	25%-4%	488 kgs
Wool/Acrylic	33%-11%	446 kgs
Poly/Cotton	35%-4%	376 kgs
Wool	42%-17%	399 kgs
Acrylic/Cotton	35%-3%	352 kgs
Angora	45%-14%	335 kgs
Cotton	52%-8%	276 kgs
Silk	55%-8%	264 kgs
Rayon	75%-11%	199 kgs

E200 Operator Screen

This system has the capacity to pre-set operating parameters for various product menus. The most commonly used machine settings are easily entered. The operator can select the required product by the simple push of a button.

Full Fault Diagnostic System

If a fault occurs, the cause of a fault is immediately displayed for the operator to see. The fault display also provides information to the operator on the relevant circuit reference where the fault has occurred and gives a list of check items to clear the fault.

Built-in-Maintenance Reminders

The E200 Operator Screen automatically displays when maintenance should be undertaken and provides a message to the operator.



SO100T Technical Specification	
RF Power	100kW
Frequency	27.12MHz
Oscillator Conversion Efficiency	67-72%
Switchgear	Moeller or Siemens
Unit Cooling	Water
Electrical Supply	360-600V±5% 50/60Hz 3 Phase
Overall length single	9834
Overall height	33800
Overall width	2030
Max electrical mains supply	202kVA SO100TS (Steam Heating) 230kVA SO100TE (Electric Heating)

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

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