

Radio Frequency Drying Systems for the Textile Industry

Batch Dryer

PS12T



Features

- Designed to process yarn of all types, in all forms
- PLC control with fault diagnostics
- Highest quality finished product at optimum rates of production
- Cost effective drying for small batches with minimal operator involvement
- Flexible, precise and efficient at low rates of energy consumption
- Meets CE and current emission 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 

Technical Specification

PS12T Batch Dryer

PS12T Performance Specification

Product	Moisture	Production/Hour
Polyester	14%-2%	100 kgs
Acrylic	15%-2%	100 kgs
Polyamide	18%-3%	100 kgs
Wool/Acrylic	33%-11%	70 kgs
Wool	42%-17%	55 kgs
Poly/Cotton	30%-5%	50 kgs
Cotton	52%-8%	30 kgs
Viscose	80%-11%	20 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.

PS12T Technical Specification

RF Power	12 kW
Frequency	27.12 MHz
Oscillator Conversion Efficiency	70-75%
Unit Cooling	Air
Electrical Supply	360-600V±5% 50/60Hz 3 Phase
Overall length	1462
Overall height	2070
Overall width	2642
Max electrical mains supply	25 kVA



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