

SO-15T

Radio Frequency
Conveyorised Dryer

Strayfield 

*SPECIFICALLY DESIGNED FOR LOW TEMPERATURE DRYING
OF HIGHER DENSITY PRECISION WOUND YARN AND
THERMAL SENSITIVE FIBERS*



The unique SO-15T Radio Frequency textile dryer from Strayfield

The SO-15T equipment offers a cost effective method of drying smaller textile batches. Designed to process all types of textile materials like fiber, hanks, muffs, tops, and yarn packages wound on S.S. Dye springs, cones & cheese. The SO-15T features benefits of flexibility, precision and efficiency at low rates of electricity consumption similar to higher capacity conveyorised dryers.

SO-15T Performance Specifications

(Dye Spring Wound Cheese Packages)

PRODUCT	MOISTURE	PROD./HOUR
Spun Polyester	19% - 3%	90 kgs
Acrylic	12% - 3%	72 kgs
Polyamide	15% - 3%	50 kgs
Wool / Acrylic	33% - 11%	80 kgs
Wool	42% - 17%	72 kgs
Poly / Cotton	30% - 5%	72 kgs
Cotton	52% - 8%	40 kgs
Viscose	80% - 11%	26 kgs
Ramie/Cotton	53% - 8%	38 kgs
Angora	45% - 14%	58 kgs
Acrylic / Cotton	35% - 3%	56 kgs
Silk	55% - 8%	38 kgs
Rayon	75% - 11%	28 kgs

SO-15T Technical Specifications

R F Power	15 kW
Frequency	27.12 MHz
Conversion Efficiency	70% - 75%
Unit Cooling	Forced Air Cooled
Electrical Supply	410V 3ph 50Hz 0.9 Cos ϕ
Electrical Power	26 kW Max
Modular Conveyor	800 mm wide

Features

IMPROVED PRODUCT QUALITY

- No dye migration
- No pigment contamination
- Uniform drying
- Automatic moisture control

ENERGY SAVINGS

- No warm-up time
- No radiated heat loss
- Lower energy costs / kg.product

ECO FRIENDLY

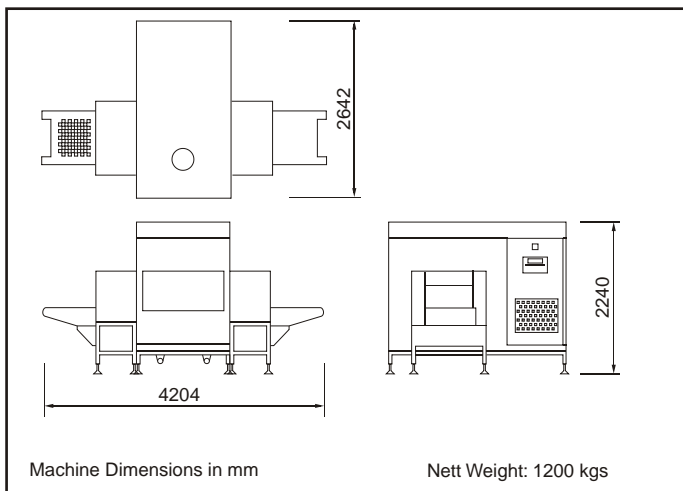
- No effluents and flues
- No radiated heat
- Cleaner working environment
- No steam required

ECONOMIC FEASIBILITY

- Rapid pay back
- Optimal energy utilization
- Consistent product quality
- Synchronization with associated in-line processes

AFTER SALES SUPPORT

- Spares ex-Stock
- Professional trained field engineers



Note : Specifications / illustrations given herein are tentative.

PLC Automatic Operator System



This system has the capacity to pre-set operating parameters for upto ten 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. Maintenance schedules and running faults are displayed with relevant circuit reference and check list, for operator to take suitable action.

Strayfield 

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