

Radio Frequency Drying Systems for the Glass Fibre Industry

Single Zone Glass Fibre Dryer

SSO/40/FG Series



Single zone dryer shown without conveyor

Features

- Fully screened generator/oven in compliance with current emission regulations (includes EN55011 and FCC title 47 part 18)
- Self tracking belt system
- PLC control with fault diagnostics
- High speed arc detection systems
- Stainless steel conveyor assembly
- Robust polypropylene conveyor belt
- Key operated mechanical safety system
- Automatic positioning of upper electrode assembly



Further Optional Features

- Fire detection system
- Conveyor length at loading and unloading position to suit customer requirements
- Additional 40 kW zones can be installed at a later date

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Technical Specification

Single Zone Glass Fibre Dryer

Conveyorised Dryer Type	SSO40FG
Drying Width	1400mm
Drying Length	8150mm
Typical Production Output for Semi-synchronous Rovings	240 kg/hr
Typical Moisture Reduction for Semi-synchronous Roving	12%-0.1%



E600 Operator Interface Terminal

Radio Frequency Generator	single 40kW generator
Maximum Power Output (Continuously Rated)	40kW
Operating Frequency	27.12MHz \pm 06% Stabilised (I.S.M. Band)
Standard Mains Voltage	360v-440v 3 phase 50Hz 440v-510v 3 phase 60Hz
Maximum Power Consumption	105kVA
Oscillator Valve	Air cooled - part number 1.21.057
Rectifiers	Silicon diodes

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

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