

# Radio Frequency Drying Systems for the Glass Fibre Industry

## Triple Zone Glass Fibre Dryer

### SSO/120/FG Series



Triple 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

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

## Triple Zone Glass Fibre Dryer

Conveyorised Dryer Type	SSO120FG
Drying Width	1400mm
Drying Length	18370mm
Typical Production Output for Semi-synchronous Rovings	700 kg/hr
Typical Moisture Reduction for Semi-synchronous Roving	12%-0.1%



E600 Operator Interface Terminal

Radio Frequency Generator	Three 40kW generator
Maximum Power Output (Continuously Rated)	40kW per zone
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	315kVA
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.

For details of guarantee refer to Strayfield Limited Terms and Conditions of Sale.

