



POWER-SPRAYS

Electric Glass Fibre Chopper

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ELECTRIC GLASS FIBRE CHOPPER

The electric glass fibre chopper is designed for manufacturers who wish to purchase their glass fibre in Rovings as opposed to Chopped Strands. Chopped fibre lengths range from 6mm to 25mm. The standard is 12.5mm.

The quantity of fibre is controlled automatically by a 0.1 second incremental timer. Thus the need to weigh the chopped fibre for each batch of Premix is eliminated.

The output from the unit when processing two rovings is 1.4kg per minute (based on 2500 Tex). Features include; easy to change cutter block, pneumatic ram to regulate the cutter pressure, efficient air mover to convey the cut fibres to the receiving vessel.

For manufacturers who wish to chop rovings at a higher rate, direct into the mixer, the larger Multi-Roving Glass fibre Chopper is recommended.

Specification:

Model Designation:	Type WMEFC
Dimensions:	Machine: 69cm (height)* x 82cm (length) x 55cm (depth) *Allow 70cm radius from hinge for guard to open Control Box: 38cm (height) x 38cm (length) x 25cm (depth)
Electrical Requirements:	3-Phase 50Hz
Voltage:	To suit local supply
Motor Power:	0.25kW
Cable Rating:	5 Amps
RPM:	829 (fixed speed)
Timer Type:	0.1 second electronic incremental digital timer with selectable ranges from 0 to 999.9 seconds and LED screen.
Accuracy/Resolution:	± 10 grammes (calculated on 2500 Tex Roving)
Air Requirements:	300ltr/min (10cfm) at 1bar (15PSi)
Fibre Cut Lengths:	6, 12.5 or 25mm
Roving Tray Capacity:	2 rovings
Controls:	Push button START facility Isolator.
Safety:	Emergency stop Adjustable timer Quick release chopper cover interlocked to prevent operation when removed.
Capacity:	700 grammes per minute, using 2500 Tex AR fibre (single roving). The unit can also process 5000 Tex roving.

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MEMBERS OF THE INTERNATIONAL GLASSFIBRE REINFORCED CONCRETE ASSOCIATION

