

## Glass Reinforced Fibre Cement Spray Unit

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The Robinson GRC or GRFC spray unit is a pump and spray system for Glass Reinforced Fibre Cement that will spray the cement slurry and chopped glass fibre onto a mould.

#### Torque

A long wearing cavity displacement pump is directly driven by an electric motor controlled by a Variable Frequency Drive. This method enables a small motor through a gearbox to drive the pump with vastly increased torque.

#### Clean Up

Clean up of the S/S hopper and pump is extremely easy and efficient.

#### Maintenance

Almost no maintenance is required on the pumping system as there are no wearing seals.

#### Chopper

A pneumatic driven glass chopper is attached to the gun and chops and sprays through the centre of the gun.

#### Cement slurry

Cement slurry is pumped and sprayed through an annular around the chopped glass fibre resulting in a wetted sprayed matrix.

#### Versatile

The unit can be mobile with a pantograph boom or fixed station with boom.



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Specifications:	
Current needs:	240 volts AC x 50 cycles or current of country of operation.
Motor:	0.75kw three phase motor controlled by a Variable Frequency Drive.
Gearbox:	Fixed ratio gearbox
Speed monitor:	Digital read-out of current (speed) or optional RPM read-out.
Slurry output:	0-11 litres/min standard output or higher output with increased pump size.
Pump:	Cavity displacement with direct cement feed
Hopper:	Conical S/S self draining hopper 160 litre capacity
Boom:	4.8m two piece spring assisted pantograph boom.
Chopper:	Pneumatic driven variable speed with 6 blade cutter head. Cut length 19mm – 110mm.
Cleaning:	Easy to clean S/S hopper with recycle line back to hopper.
Spray gun:	Adjustable atomizing air, adjustable chopper speed, water flush port, remote sensor on gun for start/stop.



Design specifications subject to change without notice.

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