



POWER-SPRAYS

PS38A GRC Combi Spray Station

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PS38A GRC COMBINATION SPRAY STATION

Sprayed Premix is now a widely accepted method for the manufacture of GRC products. The PS38A Combination Spray Station allows GRC producers the complete flexibility of having one spray station that can be used for both Spray Premix and Traditional Hand Spray GRC.

The PS38A features a peristaltic pump with "multi roller low pulse" technology. These pumps are ideal for conveying premix GRC and other fibrous materials like Glass Reinforced Gypsum. There are no moving parts in contact with the material and so the strand integrity of the fibre is maintained.

Cleaning is simplicity itself; a sponge ball (supplied) is pumped through the pump and hose 2 or 3 times and the pump is clean. When necessary, the pump's high performance internal hose is easily removed for inspection or replacement. This internal hose has excellent pressure capabilities (180psi.), abrasion resistance and low hysteresis. Unlike many specialist hoses, it is very economic and offers outstanding value.

The PS38A benefits from a machine mounted, fully articulated spray support boom. It is driven by 2.2Kw 3-phase electric drives with a variable speed control system. The integrated pneumatic control systems are designed to operate with both the MK5A Premix Spray and Concentric Spray guns, which are also supplied as standard together with spares packs.

PS38 pumps with other formats and special drive systems (e.g. pneumatic) can be built to order. Please ask for further details.

Specification:

Construction:	Painted Steel
Rotor:	3-roller horizontally orientation
Hose:	Reinforced rubber construction 38mm I/D x 57mm O/D
Bearings:	Type 2RS (double-sealed)
Drive:	Via reduction gearbox and chain wheels
Motor:	2.2KW (3 HP) TEFC hose-proof to IP55
Pump speed:	Variable - between 5 and 18 RPM
Speed Control:	Via 3-phase inverter
Operating voltage:	380V 3phase 50 Hz**
Typical output:	(220V and 60Hz versions also available)
Max output (water):	15kg/minute of GRC premix
Line size (typical):	25 litres/minute at zero back pressure*
Pressure capability:	10 metres (30ft) of 31mm (1 1/4") hose.
Hopper capacity:	Peak 10 bar (atmos) minimum
Weight/Overall Dimensions:	Nominal 60 litres (13 gallons)
Hopper Loading Height:	420kgs/143 x 120 x 150 cm 80 cm

* The maximum output when pumping GRC and other cementitious materials will vary according to the fluidity of the mix and the diameter and length of the delivery hose.

**Generator Supplies: If the electricity supply is from a generator, please consult Power-Sprays, as additional protection may be required.

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