

GF-58



GF-58 is designed for high viscosity resins filled with glass-flakes or other abrasive fillers but can also be used for other 1- or 2-component resins such as paints, epoxy etc. GF-58 is robust, easy to handle

and constructed to withstand hard work during long working days. All regulators and meters are concentrated on one panel for simple adjustment.

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OPERATION

Aplicator's GF-58 machine works with an air driven dual-acting piston pump, both for the resin and the catalyst. Manufactured from stainless steel, the catalyst pump incorporates a pressure gauge and pressure relief valve and is synchronized with the resin pump shaft for precise delivery of catalyst. Consequently, it is independent of variations in air supply or material viscosity. Catalyst volume is easily adjusted with a hand wheel, which changes the stroke length of the catalyst pump. The mixing ratios are continuously variable between 0.8 – 3.0 %. Catalyst is pumped directly from the original container. Resin is usually pumped from a 200-litre drum, but can also be pumped from a 25-litre pail, a bulk container or a fixed storage tank. Using a static mixer, catalyst and resin are thoroughly blended before the material is pumped through a single hose to the gun.

SPECIAL FEATURES

- Catalyst slave pump for exact catalyst-resin ratio
- Continuously variable catalyst ratio
- Recirculation of catalyst
- Pneumatically operated solvent pump
- Transportable chassis
- Four wheeled trolley for full mobility
- Static mixer
- Easy to operate

FLUSHING

Cleaning the spray gun after use is easily carried out by the built-in pneumatic operated flushing pump. By pressing the flushing button on the pump, the static mixer, hose, handle and spray gun will automatically be flushed with no manual handling of hazardous solvents.

The machine showed on the overleaf might have extra equipment, modifications might have been made since the brochures were printed.

INTERNAL MIXING

Aplicator have used the method of internal mixing of resin and catalyst for many years, which has consistently proved to be the best method for obviating the problems that can occur with incomplete mixing.

TECHNICAL DATA

Machine type:	GF-58
Air supply:	6 bar (90 PSI)
Air consumption:	390 Litres / Litre output
Capacity:	Depending on relationship between pressure, viscosity, hose length and nozzle orifice
Max. working pressure:	348 bar (5047 PSI)
Pressure ratio:	58:1
Viscosity:	The nozzle orifice, pressure must harmonize with the viscosity and thixotropy of the material used
Mixing ratio:	Continuously variable between 0.8 and 3.0%
Hose length:	Standard length 10 meters

OPTIONS

- Catalyst pressure guard
- Volume meter
- Gel timer

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