

GF-15UL

– For filled resins (glassflakes, granules etc)



Re-lining of pipes

GF-15UL is an ultra-light designed machine intended for resins filled with glass-flake or other abrasive fillers. The machine can also be used for other 1- or 2- component resins such as paints, epoxy etc. GF-15UL has a total weight of 35kgs. The machine is easy to handle and constructed to withstand hard work during long working days. Material change is easily done with the help of a two built pneumatic

operated cylinders for lifting material pump up and down. All regulators and meters are fitted to one panel for simple adjustment. The machine is equipped with Aplicators unique catalyst pump with stepless adjustable catalyst ratio. Internal mixing of material and catalyst for complete mixing of the product.

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OPERATION

The GF-15UL works with an air driven dual-acting piston pump, both for the material and the catalyst. Manufactured from stainless steel, the catalyst pump is synchronized with the material pump shaft for precise catalyst dosage independent of variations in air supply for viscosity of material. Catalyst volumes are easily adjusted by a hand wheel, which changes the stroke length of the catalyst pump. The mixing ratio is continuously variable between 0,8–3%. The catalyst is pumped directly from the original container. The machine is also equipped with a unique recirculation system of the catalyst for degassing and function check. The two pneumatically operated air cylinders ensure an easy and safe rising and lowering of the pump unit to change bucket for resin.

SPECIAL FEATURES

- Catalyst slave pump for exact catalyst-resin ratio
- Continuously variable catalyst ratio
- Catalyst volume continuously variable
- Air driven. No electrical connections
- Recirculation of catalyst and resin
- Pneumatically operated solvent pump
- Pneumatic lifting system for material change
- Light weight trolley
- Big wheels for easy maneuver
- Folding Handles

FLUSHING

Cleaning the mixer after use is easily done by the built-in pneumatic operated flushing pump for solvent. By pressing the flushing button on the machine, the hose and gun will automatically be flushed with no manual handling of 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-15UL
Connection air:	6 bar (90 PSI)
Air consumption:	90 Litres / Litre output
Capacity:	Up to 5 Litres/min
Max. working pressure:	90 bar (1305 PSI)
Pressure ratio:	15:1
Mixing ratio:	Continuously variable between 0,8 – 3,0%
Hose length:	Up to 20 meters
Total weight:	Approx. 30-35kg