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APLICATOR GROUP

APLICATOR | BARKVALL | SCANREX

IPP-8000/T20

– For High Viscosity Material

A machine specially designed for the application of medium to high viscosity materials such as polyester putty, sealants, silicones, grease, adhesives and other similar materials in single or multi part form. Pumping and mixing to the right proportions demands a special technique when working with higher viscosity materials. This can be achieved with this machine even when pumping straight from the material container. For a perfect result, the machine is equipped with a pneumatically operated follower plate, which exerts a pressure on the material in the pail, prevents surface curing and guaranteeing full material flow with every pump stroke. An exact resin to catalyst ratio is provided by Aplicator's unique continuously variable catalyst slave pump.

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OPERATION

Aplicator's IPP-8000/T20 works with an air driven dual-acting piston pump, for both the base and the hardener. Manufactured from stainless steel, the catalyst pump incorporates a pressure gauge and pressure relief valve and is synchronised with the resin pump shaft for precise delivery of catalyst. Consequently, it is independent of variations in air supply or material viscosity.

Components are mixed internally in a specially designed static mixer, mounted on the gun, for thorough blending of the components. Aplicator have used the internal mixing system for many years, which has consistently proved to be the best method for obviating problems that can occur with incomplete mixing. To easily adjust the catalyst volumes, a handle changes the stroke length of the hardener pump. The mixing ratios are continuously variable between 1-8%. The hardener is transferred directly from the original container.

Two pneumatically operated cylinders ensure a safe raising and lowering of the pump unit. Air evacuation from the material pail and capability of air injection to release pressure plate from the empty material pail . Pneumatic Follower Plate mounted on a two-post heavy-duty chassis transfers the material directly from a 20-litre pail. For degassing and functional checks, the machine can also be equipped with a unique hardener recirculation system.

SPECIAL FEATURES

- Hardener slave pump for exact catalyst-resin ratio
- Continuously variable catalyst ratio between 1-8%
- Recirculation of catalyst
- Pneumatically operated solvent pump
- Specially designed static mixer mounted on the gun for reduced material waste
- Pneumatic operated dispensing gun
- Full finger trigger on dispenser gun
- Air evacuation from material container
- Solvent pump
- Mobile chassis

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

FLUSHING

Cleaning the dispensing gun after use is easily achieved using the built-in, pneumatically operated flushing pump. With no manual handling of potentially hazardous solvents, simply pressing the flush button on the machine automatically flushes the mixer, hose and gun.

TECHNICAL DATA

Air supply:	6 bar (90 psi)
Air consumption:	240 litres / litre output
Capacity:	Depending on pressure, material viscosity, hose length and diameter.
Max. working pressure:	216 Bar (3240 psi)
Pressure ratio:	36:1
Mixing ratio:	Continuously variable between 1– 8 %
Hose length:	Standard length 10 m
For use with:	20-litre pail
Weight of dispenser gun:	depending on gun

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