

# IPP-8000/T200

– For High Viscosity Material



*Light weight gun*



*Catalyst slave pump*

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 drum, 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/T200** works with an air driven dual-acting piston pump, for both the resin and the catalyst. 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 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 catalyst pump. The mixing ratios are continuously variable between 1-8%. The catalyst 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 vessel and capability of air injection to release pressure plate from the empty material drum. Pneumatic Follower Plate mounted on a two-post heavy-duty chassis transfers the material directly from a 200-litre drum.

For degassing and functional checks, the machine is also equipped with a unique catalyst recirculation system.

## SPECIAL FEATURES

- Catalyst slave pump for exact catalyst-resin ratio
- Continuously variable catalyst ratio
- Recirculation of catalyst
- Pneumatically operated solvent pump
- Specially designed static mixer
- Lightweight dispenser gun
- Full finger trigger on dispenser gun
- Air evacuation from material container
- Double seals on follower plate
- Optional boom available to assist with larger production areas

*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

<b>Air supply:</b>	6 bar (90 psi)
<b>Air consumption:</b>	240 litres / litre output
<b>Capacity:</b>	Depending on pressure, material viscosity, hose length and diameter.
<b>Max. working pressure:</b>	216 Bar (3240 psi)
<b>Pressure ratio:</b>	36:1
<b>Mixing ratio:</b>	Continuously variable between 1-8%
<b>Hose length:</b>	Standard length 10 m
<b>For use with:</b>	200 litre drum
<b>Weight of dispenser gun:</b>	625 gr
<b>Total weight:</b>	Approx. 200 kg