

# IPP-8000/T200C

– For Bonding Paste and other  
High Viscosity Materials



A machine specially designed for the application of medium to high viscosity materials such as bonding paste, sealants, silicones, grease, adhesives and other similar material; 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 the

material straight from the 200 litre material drum. 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 peroxide slave pump.

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## OPERATION

Aplicator's IPP-8000/T200C works with an air driven dual-acting piston pump, for both the resin and the peroxide. Manufactured from stainless steel, the peroxide pump incorporates a pressure gauge and pressure relief valve and is synchronised with the resin pump shaft for precise delivery of peroxide. 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 peroxide volume, a handle changes the stroke length of the peroxide pump. The mixing ratios are continuously variable between 0.6–2.5%. The peroxide 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 peroxide recirculation system.

## SPECIAL FEATURES

- Peroxide slave pump for exact catalyst-resin ratio
- Continuously variable peroxide ratio
- Recirculation of peroxide
- Pneumatically operated solvent pump
- Specially designed static mixer mounted on the gun for reduced material waste
- Pneumatic operated dispensing gun
- Full finger trigger on dispensing gun
- Air evacuation from material drum
- Double seals on follower plate
- Mobile chassis
  
- *Optional boom available to assist with larger production areas*

## FLUSHING

Cleaning the dispensing gun and mixer 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 and dispensing 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 0 and 8 %
<b>Hose length:</b>	Standard length 10 m
<b>For use with:</b>	200 litre drum
<b>Total weight:</b>	Approx. 350 kg Peroxide slave pump

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



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