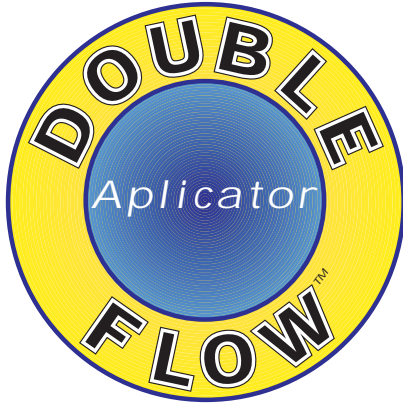


IPL-15

- a new generation of Resin Roller Dispensers



NEW!



Aplicator are once again in the front with new equipment, environmental friendly, for the GRP industry. Our well known IP-6000 and IP-8000 lines of machines are now completed with the brand new Pressure feed dispensing roller machine IPL-15. Aplicator's Roller machines dispense catalyzed resin directly into your mould without spray or handmixing.

Our machines give the moulders best possible working conditions with a minimum of styrene emission. Aplicator's patented Double Flow Technology guarantees an accurate catalyst dosage with perfect mixing of the resin and catalyst. The IPL-15 is easy to clean with a minimum amount of solvent used as the mixing chamber is placed just in front of the roller.

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Function

The IPL-15 machine works with an air driven dual-acting piston pump, both for the resin and the catalyst. The stainless steel constructed catalyst pump is synchronised with the resin pump shaft for precise delivery of catalyst, independent of variations in air supply or viscosity of material. The catalyst pump incorporates a pressure gauge and pressure relief valve.

The catalyst amount is easily adjusted by a hand-wheel which changes the stroke length of the catalyst

pump. The mixing ratio is stepless adjustable. The catalyst is pumped direct from the original container. The resin can be pumped through a suction hose from a 200 litre drum or through a fixed installation from a storage tank.

The resin and catalyst are mixed internally in a 50 mm long static mixer mounted just in front of the roller. The catalyst resin is then distributed to the lambswool roller through a perforated T-bar at a very low pressure that will not give

any spray fumes. The roller can be removed to allow the resin to flow directly from the perforated T-bar. A minimum amount of solvent will be used for cleaning the system.

The working environment will be cleaner and safer as there will not be any handling of resin or catalyst in open vessels.

The machine is also equipped with a unique recirculation system for the catalyst and resin for degassing and function checks.

Flushing

Cleaning the roller dispenser after use is easily carried out by the built-in pneumatic operated flushing pump. By pressing the flush button on the pump, the static mixer and dispensing T-bar will automatically be flushed with no manual handling of hazardous solvents.

Internal mixing

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

Special features on IPL-15

- Pneumatic operated movable trigger on the shaft for individual adjustment
- Easy operated flush button on the handle
- Only one moving part in the solvent pump
- Flushing with a mix of solvent and air
- Mounted on 2-wheel cart
- Catalyst slave pump for accurate catalyst dosage and perfect mixing
- All dynamic sealings are self lubricating and of highest quality for minimum maintenance
- Automatic "pressure-drop-function" for increased lifetime of sealings and gaskets
- Aplicator's Patented Double Flow Technology

Technical Data

Air pressure:	6 Bar
Air consumption:	60 litres/1 litre output
Capacity:	3 - 6 kg/min.
Max. working pressure:	90 Bar (1350 PSI)
Mixing ratio:	15:1
Catalyst ratio:	0,8 - 4,0 by volume
Hose length:	from 6 to 20 metres

