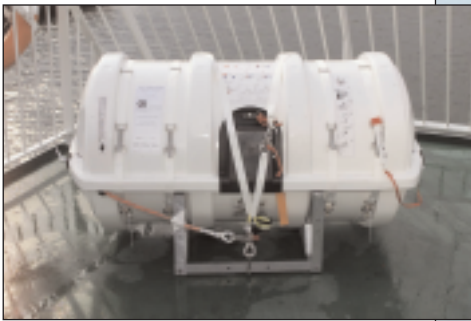
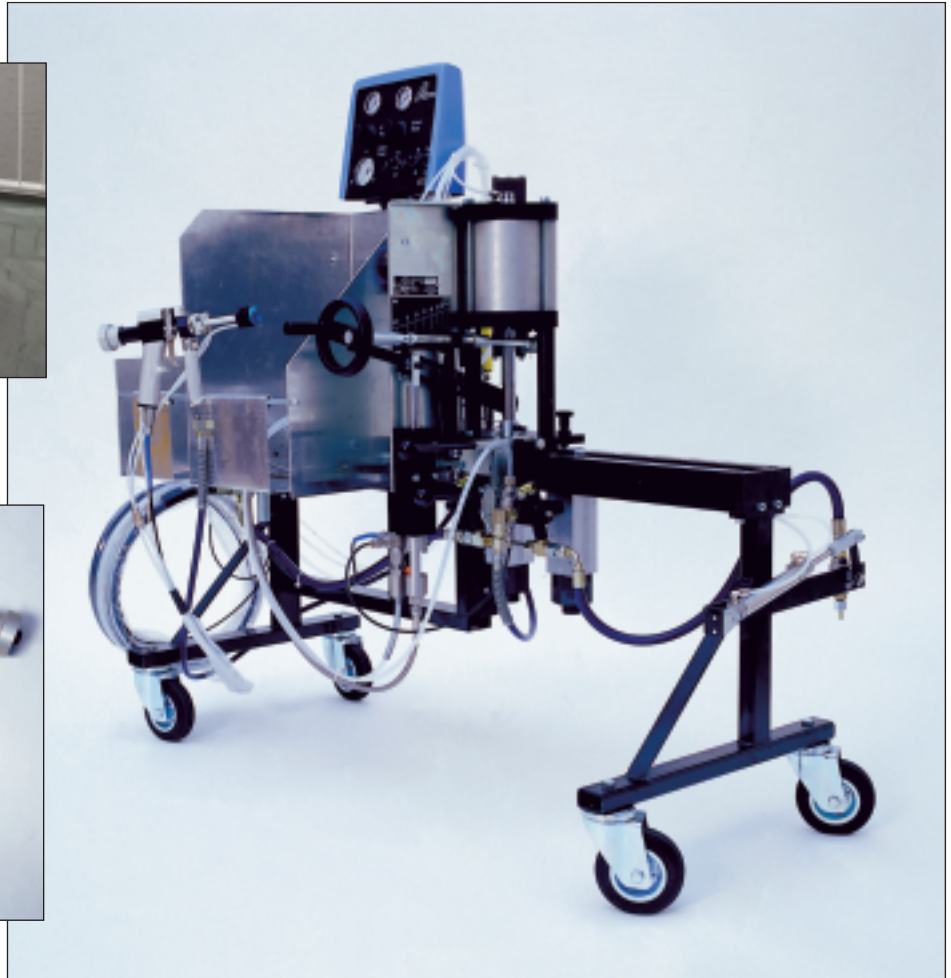


MIPG-24/HV **- Multicolour Gelcoater**



Easy Colour Change



MIPG-24/HV is a new Multicolour Gelcoater from Aplicator System AB. It is designed on components from our IPG-24/HV and offers the same advantages plus the ability to process several gelcoat colours. This new technology offers

excellent performance with regard to gelcoat finish, easy handling, cost effectiveness, low maintenance, safety, reliability and environmental care.

MIPG-24/HV

- Multicolour Gelcoater

Function

The MIPG-24/HV machine uses an air-driven dual-acting piston pump for both the gelcoat and catalyst. The stainless steel catalyst pump is synchronised with the gelcoat pump shaft for precise delivery of catalyst, regardless of variations in air supply or viscosity of material. The amount of catalyst is easily adjusted by means of a hand wheel that changes the stroke length of the catalyst pump. The mixing ratio is continuously variable and the catalyst is pumped straight from the original container. The gelcoat is pumped via a suction hose from the 25-litre original bucket or 200litre drum. The machine is also equipped with a unique gelcoat and catalyst re-circulation system to permit degassing and testing.

Pulse-free pumping

Instead of using a conventional accumulator, Aplicator has developed a unique system that gives an accurate coupling of gelcoat and catalyst pumping pressure, and flow in continues motion. This have been achieved by careful design and tuning of all internal cavities and moving parts in the pump process and by linking this together with the DF-2000 system (Double Flow Technology).

Special features

- Catalyst slave pump for exact catalyst-ratio.
- Continuously adjustable catalyst ratio.
- Air driven. No electrical connections.
- Re-circulation of gelcoat and catalyst.
- Static mixer in the gun.
- Reduced solvent consumption
- Reduced material wastage's
- Even flow of catalysed material
- Easy to operate
- Light weight spray gun
- Pumps can be added as needed
- Up to 30m hose length
- Flushing with a mix of solvent and air.

Environmental spray gun

Aplicator have developed a new spray gun, which contains the mixing chamber just in front of the spray nozzle. The optimal way of introduce the catalyst in the gelcoat flow and thoroughly blend the two components together gives the best control of the end result and a strong gelcoat finish with long term stability. By pressing the flush button, the mixing chamber and nozzle will automatically be flushed. This gives large savings in cleaning solvents and it is friendly to the environment.

Reduced VOC

The Air-Assist Nozzle concept produces a soft-sprayed shield of atomised air. It will give a soft and uniform gelcoat spray pattern without "fingers". The gelcoat will be applied with good coverage and reduced emissions giving savings in material and a clean, safe work area.

Change of colour

Quick and simple switch of gelcoat colours is easily done, without interrupting your production, by disconnecting the spray gun, moving the air motor and reconnecting the spray gun to the different gelcoat hoses. With this new design the only parts that require flushing is the mixer and spray nozzle. The result is less consumption of solvent.

Technical data

Connection air:	6 bar (90 PSI)
Air consumption:	135-litres/1-litre
Capacity:	0,5 - 3,0 kg/min
Max working pressure:	144 bar (2169 PSI)
Pressure ratio:	24:1
Mixing ratio:	0.8 - 4,0 %
Hose length:	up to 30 metres.
Weight of spray gun:	750 grams
Total weight:	Varies

