

The Liquid Control Posiflow DXB is a compact, bench-mounted metering, mixing & dispensing machine ideal for processing two-part liquid resins.

The Posiflow DXB utilises the latest PLC technology and incorporates electrically driven, high-precision gear pumps fitted with non-return valves & pressure switches to protect the system from over-pressurisation.

The use of twin, independent, electric inverter drives with precision gear pumps not only enables the Posiflow DXB to give constant, non-pulsing flow characteristics, but also allows for rapid changing of mixing ratio's and output rates.

This facility also allows the machine to be remotely operated via a 0-10volt analogue signal, ensuring that the material flow rate can be constantly adjusted throughout the dispense cycle. (Highly important when used in conjunction with the latest robotic dispensing technology).

The flexibility of the Posiflow DXB can be seen in it's ability to potentially process materials from a 1:1 ratio to in excess of 100:1 ratio (Subject to pump selection) with output rates adjustable between approx. 250g/minute up to 2kg/minute.

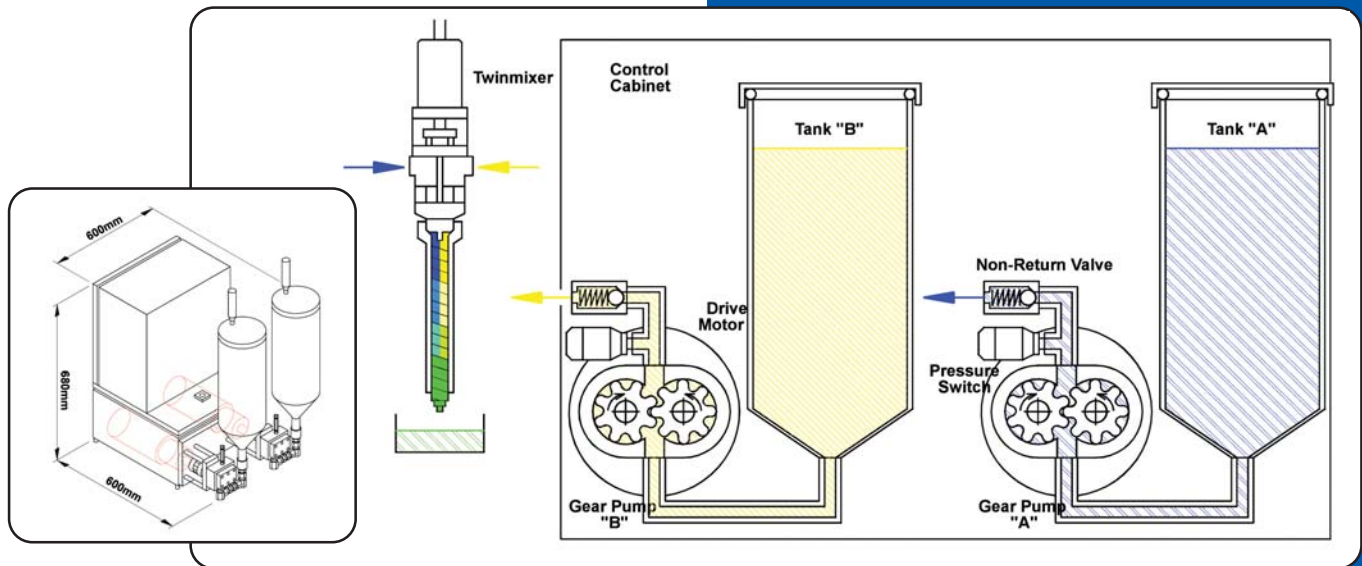
The Posiflow DXB can be fitted with sealed & clamped reservoirs up to 10lt. capacity and can be manufactured from mild steel or stainless steel.

The Posiflow DXB is fitted with either a machine mounted, or remote hand-held, trigger-operated Twinmixer assembly incorporating Static, or Rotary/Static disposable mixing nozzles. Typical outlet hose lengths up to 7m long can be accommodated.

Posiflow DXB



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Standard Features

- Variable output electric drive via independent motors to provide simple variation of ratio.
- Precision gear pumps mounted below tanks avoid the need for pressurisation.
- Pumps and tanks mounted outside cabinet for easy access, safety and cleanliness.
- Integrated programmable logic control.
- Compact hand held, or machine mounted Twinmixer.
- Comprehensive Liquid Control technical backup.
- Simple output rate + ratio adjustment parameters.
- Built - in shot timer.

Standard Options

- Hand held rotary/static or dynamic mixing head.
- Hose support boom.
- Material level controls.
- Automatic bulk feeding systems.
- Material heating.
- Vacuum reservoirs.
- Material agitation within reservoirs.
- Integration with external control system.
- Built - in anti - gel timer.

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Products sold by Liquid Control Ltd are subject to ongoing development and improvement. The right is therefore to alter specifications without notice.