

Resin Dispensing for Composites



**Industrial Adhesive and
Sealant Dispensing**

Precision Systems for Meter,
Mix and Dispense Applications

Call Us: 704-289-7090

Physical Address:
2213 Stafford Street
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Monroe, NC 28111

Applying two component resins in the composites industry

Rotor blades for wind power stations, hulls for sailing boats, wings for light aircraft and even body shells for Formula 1 racing cars all have one thing in common. They all make extensive use of low weight, corrosion resistant fibre compound materials.

DOPAG have a varied and extensive range of machines to accurately meter, mix and dispense the resin systems used in this expanding industry.

ELDO-MIX



ELDO-MIX 300 Series

There is a choice of a number models in the versatile ELDO-MIX range of precision gear pump driven machines, differing in volumetric output and the degree of control and monitoring required for a particular application.

In all cases, the gear pumps are driven by frequency regulated geared motors that operate completely separately from each other.

The speed of the motors is pre-set and the mix ratio can simply and easily be selected as required.

VISCO-MIX

VISCO-MIX machines are designed to draw materials directly from original drums of either 80 litres or 200 litres capacity.

Two reciprocating double acting piston pumps are used to pump and meter the resin components, which make the machines ideal for use with the abrasive resins systems frequently encountered in the composites industry.

Proportioning is achieved by the use of a simple, infinitely variable mechanical lever mechanism, which can easily be adjusted between it's upper and lower limits to the desired mix ratio.



VISCO-MIX H200



COMPO-MIX

The COMPO-MIX has been developed with one goal in mind - to make the continuous production of impregnated fibre compound materials economically possible.

This machine offers a quick and efficient means of handling the impregnation of long production runs of fabric, but with the same professional results as traditional manual methods.

Proportioned and mixed epoxy resin is applied onto a supporting foil by means of a DOPAG ELDO-MIX machine, using a static mixer with a slit die, traversing across the foil.

The fibre compound is automatically laid down onto the mixed resin by a conveyor and is rolled into the resin by pressure roller to produce optimal penetration, resulting in perfect, economically produced, fibre compound material,



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