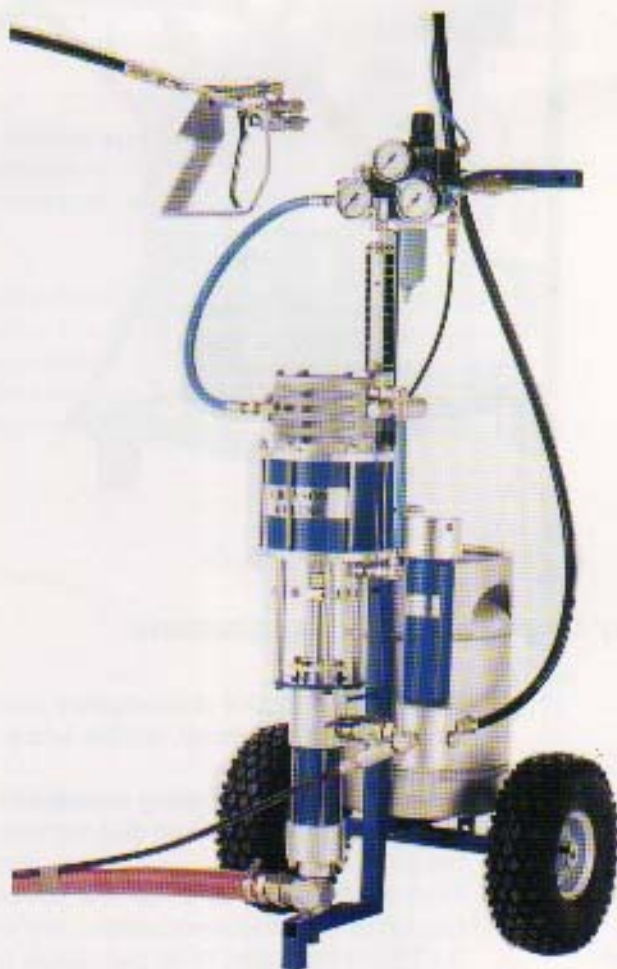
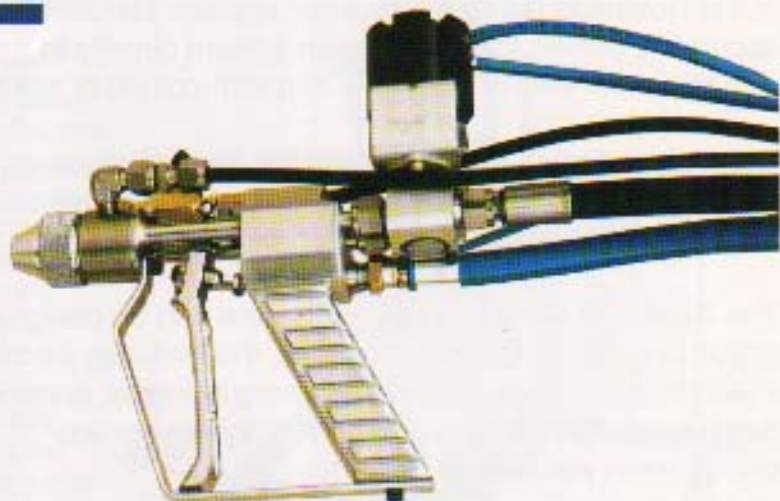


ROBINSON

The specialists
in dispensing
equipment



Epoxy Dispenser Units

Polyurethane Twin Pump System

Low Emission Saturator Unit

Chip Filled Gelcoater

N. J. Robinson & Co.

5 Wolfe Street, West End, Qld. 4101 ♦ P.O. Box 5134, West End, Qld. 4101

Telephone: (+617) 3844-5001 ♦ Fax: (+617) 3846-2060

Epoxy Dispensers

Robinson has developed a twin pump system to meter and dispense epoxy resins. The wide range of applications of the Robinson twin pump system enables the user to accurately deliver any epoxy resin system directly to the job with minimum loss of materials and with complete safety.

Robinson's design criteria of long life, low maintenance operation, along with the selection of top quality materials, ensures a long a trouble free operating life.

The Robinson twin pump epoxy system can be designed to suit any production requirements, this includes hand held injection guns, exact shot size delivery systems, control panel operation with remote delivery system or any combination you require.



Pouring

Injecting

Shot Sizing



Epoxy Dispenser Unit Specifications:

- Unit:** Two or more positive displacement pumps driven by one pneumatic motor, double acting, low pressure.
- Mixing Method:** Static or mechanical mixing chamber.
- Delivery System:** Hand held gun head, fixed delivery tube, flexible delivery tube.
- Cleaning:** Flush system uses air purge and solvent flush, (standard 10 litre solvent tank).
- Output:** 0.5 kg per minute to 10 kg per minute depending on viscosity and material mixability.
- Hose Length:** Hoses supplied to required length.
- Air Requirement:** 300 lt/min to 500 lt/min or 12 CFM to 18 CFM.
- Options:** Longer hoses, heating of hoses and tanks, pick-ups to suit 25lt or 225 lt drums, range of mixing chambers to suit higher viscosity and output, pantograph boom, platform trolley, tank agitators.



Technical specifications subject to change without notice.

Bench Mounted Epoxy Dispenser

Robinson has developed a twin pump system to meter and dispense epoxy resins. The wide range of applications of the Robinson twin pump system enables the user to accurately deliver any epoxy resin system with minimum loss of materials and with maximum protection and safety.

Robinson's criteria of long life, low maintenance operation along with the selection of top materials ensures a long and trouble free operating life.

The Robinson twin pump bench mounted epoxy dispensing system is the answer to the many problems associated with hand pouring of epoxy resins. The bench mount unit will deliver the correct ratio of epoxy resins in a safe and easy manner thus avoiding spillages, wastage and contact with the operator.

The extraordinary benefits of using epoxy resins are now fully enhanced by the use of the bench mount dispenser giving the correct ratio for quality assurance and safety of the operator. From pouring very small quantities to bulk amounts, dispensing epoxy becomes an easy, time saving and clean operation.



Saturator / Laminator

Robinson has developed the Low Emission Saturator Unit to meet the strict environmental pollution controls of the fibreglass industry.

The Saturator unit has been designed for long life, low maintenance operation. The unit features a catalyst slave pump coupled to the material pump, which requires virtually no monitoring.

The materials are delivered through an internal mix nozzle at very low pressure. The Saturator unit will create no blow back from the job no matter what material output levels the unit is operating at. For extra low emission operation, just screw on the optional roller applicator attachment to convert the saturator.



Polyurethane Twin pump System

Robinson has developed a twin-pump system to meter/mix and dispense modern bonding materials such as epoxy, polyurethane, polyester, vinyl ester and other liquid two or multiple part resins. The wide range of applications of the Robinson Twin Pump System enables the operator to accurately and efficiently dispense multi-part resins with the minimum loss of time and materials.

The Twin Pump System unit features two (shown right), three or more pumps driven by a common pneumatic motor with fixed ratio. This ensures accurate metering of materials. The ratio can be altered by simply changing one or more pumps. Mixing heads can be static spiral mixers of plastic or stainless steel materials in a range of sizes to suit viscosity and output, or a mechanical mixing head (as shown) for pouring or spraying with air atomisation. The roller applicator has static spiral mixers.



Chip Filled Gelcoater

Robinson have added a new dimension to the finish of kitchens, bathrooms and fibreglass pools with the introduction of the Chip Filled Gelcoater.

A Robinson Chip Filled Gelcoater can spray chips and flakes up to 3000 microns in diameter in a concentration of up to 40% of gelcoat giving a unique finish.

This exciting coating method results in a very attractive finish to rival any other coating available today and is designed as a one-coat application.

Operation

The Robinson Chip Filled Gelcoater is a low pressure internal mix spray unit using the simplicity of the non-mechanical catalyst flowmeter, or if you wish, a positive displacement catalyst slave pump option. A unique straight through system design enables chip, flake or ceramic filled materials to be sprayed with a size never before achieved.

The purpose-designed pump is all hardchromed finish internally and features mechanical, tool steel valving. Internal mixing of the gelcoat and catalyst ensures a thorough mix and results in excellent curing and possible savings on catalyst. The soft effect of the low pressure spray gives excellent deposition retention and low profile finish resulting in easier back up laminating.



You can rely on Robinson

Robinson spray-up systems and dispensing equipment have been leaders in the reinforced plastics and dispensing fibreglass industry for more than 30 years.

Through our long and successful track record in this industry we can research and develop custom-made equipment to meet any special requirements.

Robinson is proud to be an Australian manufacturing company meeting the needs of the largest and most successful manufacturers in fields such as storage tanks, marina and boating, furniture, and architecture, as well as government, defence and educational departments.

Our quality of workmanship and back-up service are the keys to our success which, in turn, ensures your success.

N. J. Robinson & Co.

5 Wolfe Street, West End, Qld. 4101 Australia
P.O. Box 5134, West End, Qld. 4101 Australia
Telephone: (+617) 3844-5001 Fax: (+617) 3846-2060

For Export - Designed and Manufactured in Australia.

Agent:



Brochure designed & published by AEP News
P.O. Box 1213 Cleveland, Qld. 4163 Australia
Ph: (+617) 3245-7888 Fax: (+617) 3245-7999
Email: aepnews@aepnews.com.au