

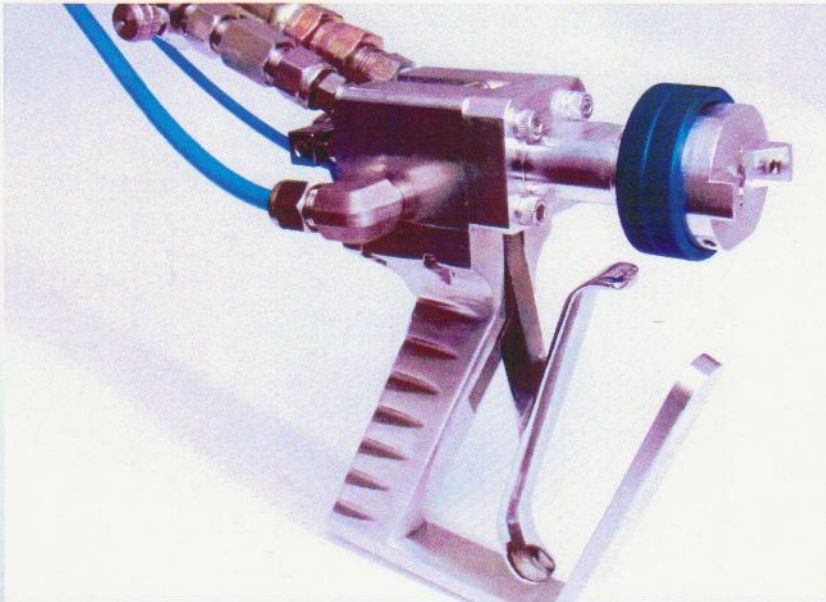
ROBINSON

AIRMIX

AIRLESS EXTERNAL MIX SPRAY SYSTEM



SIMPLICITY RELIABILITY VERSATILITY



The Robinson Airmix Unit features external mix and the catalyst flowmeter system to provide the operator with the most cost effective spray up method available. Our many years of experience prove that a simple design and fewer moving parts ensures a much lower operational cost. Robinson's Airmix generation of external mix spray equipment will reduce maintenance costs and extend service intervals.

FEATURES

External Mix

Requires no solvent flush

Environment

Efficient external mix nozzle design with air containment ensures the lowest levels of catalyst vapour in the atmosphere and lower VOC emissions.

Gun Design

The gun has an all mechanical design with fewer parts to service or replace. An ergonomic trigger design provides fatigue free operation.

Pump Design

A new air pilot valve with quick exhausts on the pump motor gives a fast pneumatic change over with a minimum moving parts. The automatic adjusting gland in the resin/gelcoat pump extends the operating life thus lowering costs.

Catalyst System

First system is the standard flowmeter using pressure tank feed to an adjustable, highly visible and efficient flowmeter with only one O ring to service. Second is the digital flowmeter with pressure tank feed and adjustable output to read out in mls/min. Thirdly is the accurate catalyst slave pump adjustable from 1% to 3%.

System Versatility

The Airmix unit is available as a gelcoater, resin wet-out, chopper gun, multi-pump combinations and all hardchromed pumps for spraying filled resin/gelcoat.



Multi-pump coupling system.

Resin System Ratio:	16:1
Gelcoat System Ratio:	25:1 or 16:1
Catalyst System:	Pneumatic fed flowmeter, infinitely variable Pressure fed digital flowmeter, infinitely variable Catalyst slave pump, ratio 1% - 3%
Glass Cutter:	Pneumatic with speed and spray width controls. Cutter heads with 6 blade std., 12, 24 and 36 blades.
Hoses:	Standard lengths are 8 and 10 metre with extra long hoses optional.
Multi-pump System:	The multi-pump system enables resins and gelcoats to be pumped and sprayed without flushing of equipment. A quick release coupling on a pump and hose results in a change over time of less than one minute. It is compact, efficient and cost effective.
Air Consumption:	Gelcoat/resin wet-out: 8 CFM or 226 lt/min Chopper Gun: 20 CFM or 566 lt/min.
Output Total:	Gelcoat: Std. 0.4kg/min - 2.8kg/min Chopper Gun Std. 1kg/min - 6.8kg/min Chopper Gun High Output/ 2kg/min - 13kg/min
Accessories:	Wall mount pantograph boom 4.8m or special length. Small mobile trolley, boom 3.6m suits 200lt drum. Large mobile trolley, boom 4.8m suits 1000lt IBC container. Glass weighing scales. Multi-pump operation. Resin/gelcoat heaters.

Agent

Designed and manufactured in Australia by
NJ 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

Email: sales@robo.com.au