

ROBINSON

SATURATOR

- ◆ **Internal Mix** (with acetone flush)
- ◆ **Catalyst Pump** (accurate ratio)
- ◆ **Ultra Low Pressure** (no blow-back)
- ◆ **Low Styrene Emissions** (under EPA)

Proven technology over 35 years, makes the Saturator perform year after year under the most demanding conditions. Simple, Rugged and Reliable.

Glass Roving Cutter. Adjustable chop length. Thousands sold. High output.

Internal Mix gun. 99% transfer efficiency. Less wastage. Perfect Catalyst mix.

Auto-drain air filter.

Robinson Air Motor with auto oiler.

Ball in tube gives visual indication of catalyst flow.

22 ppm Styrene emissions TWA. (As tested by the Government Chemical Laboratory using the Miran portable infrared analyzer.)

10 litre, Stainless Acetone & Catalyst Pressure Pots.

Catalyst Pump, pinpoint accuracy, quick % change.

Surge Chamber. No priming needed. Easy clean filter.

Tough, portable frame on heavy duty, pneumatic tyres.

New! Self adjusting pump glands give longer life, less maintenance.

Positive displacement, double acting, material pump.

Designed and Manufactured in Australia

NJ Robinson & Co., PO Box 5134, West End Qld 4101, Australia.
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What do you really want in a Chopper Gun?

Meet EPA Requirements. In actual field tests, the Saturator delivered resin at 22 ppm Styrene emissions. (As tested by the Government Chemical Laboratory using the Miran portable infrared analyzer TWA). This is well under maximum allowable.

Simple, Rugged Construction. Simplicity of design is the key to Robinson's success in local and international markets. Self-adjusting pump glands and silicone sleeve valves give quiet, trouble-free, long life operation. Almost anyone can repair a Robinson, keeping maintenance costs to a minimum.



Wet Out Roller
An accessory that can be used with the Saturator for wetting out stitched fabrics, CSM and Woven Rovings.

Catalyst Slave Pump. Simplicity of design ensures quick and accurate catalyst ratio change using the Catalyst Slave Pump. A flow tube is fitted to give a visual guide that catalyst is flowing.

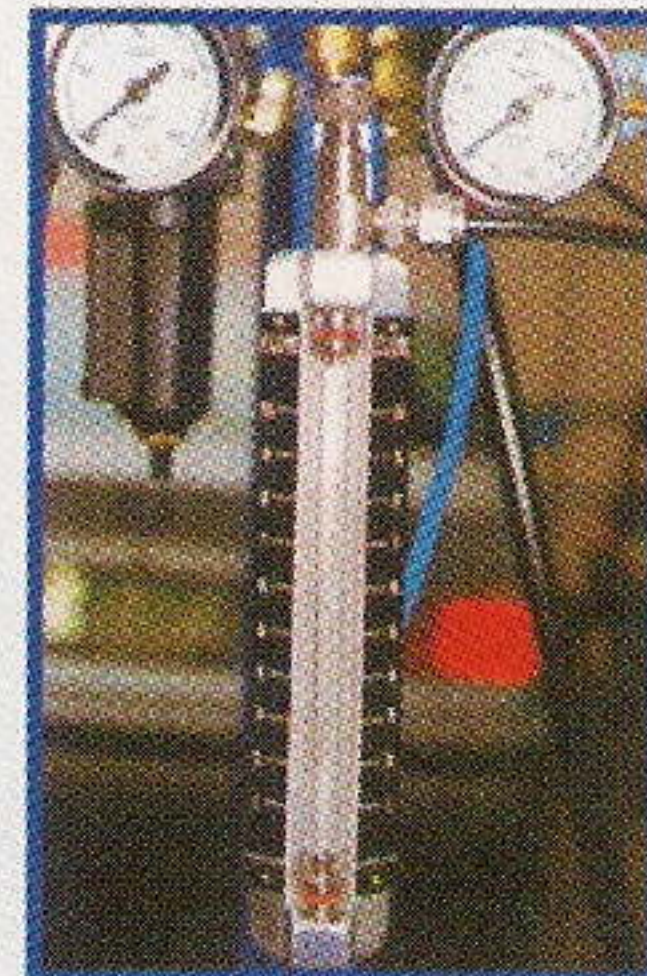
Internal mix. Due to internal mix, 100% of the catalyst is mixed thoroughly with the resin which means superior quality laminates and no catalyst vapour in the air. An acetone flush system is incorporated for easy cleaning of the nozzle.

Quality, Low Cost, Spare Parts. Made in the Robinson factory using CNC lathe technology, a full range of spare parts are stocked. Delivery to anywhere in Australia is within 24 hours. Pricing of spare parts is nearly half that of some competitors..

Outstanding Re-Sale Value. Robinson equipment enjoys the highest re-sale value of any brand in Australia. In some cases, second hand equipment has sold for more than it's original purchase price.

Saving of Materials and Time. Because of the precise flat fan pattern, material losses are reduced to almost zero. Transfer efficiency with the Saturator is vastly improved over all competitors due to the very low velocity of the material. Virtually no blow-back off the job.

Catalyst Flow indicator.
Floating ball gives visual indication that catalyst is flowing from pump.



System Specifications:

Resin system Output 2-6 kg / min.

Catalyst system Positive displacement pump linked to resin pump, ratio 1%-2%.

Air consumption All pneumatically operated requiring 8 CFM air for wet-out only and 20 CFM air for the roving depositor.

Unit weight Complete unit 48kg. In packing box ready for export 73kg.

Hose length Standard length 9.1 metres.

Accessories Extra length hoses; Pantograph Wall mounted Boom; Trolley with Mast and Boom; Multi-pump operation.



Saturator Gun with "T" piece.
This accessory delivers catalysed resin in a multi-stream pattern. Very low Styrene emissions.

Robinson Equipment for over 35 years!

To Order, contact your material supplier or...

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