2500 SERIES SINGLE-ACTING

Automatic Meter, Mix and Dispense System

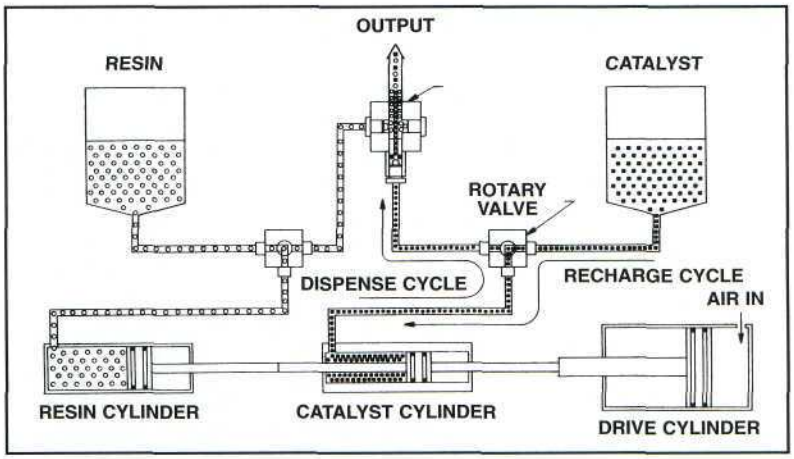
For production Potting, Encapsulating, Molding, or Central Filling of 2-part Reactive Formulations with Abrasive Fillers which settle out of suspension.

STANDARD FEATURES

- Positive-displacement piston metering with positive-ported, 3-way-flow directional valves (NOT check valves) maintains very accurate ratio.
- In-line metering design prevents side-loading when handling wide ratio formulations.
- Single-acting design allows filled materials to be returned to their agitated containers to prevent settling and damage to the metering system.
- No-purge mix/dispense assembly with adjustable valving provides air-free dispensing.
- Abrasion-resistant metering cylinder, seals, and hardware.

Ashby Cross Company, Inc.
28 Parker Street ■ Newburyport, MA 01950 ■ (978) 463-0202 ■ Fax (978) 463-0505 ■ www.ashbycross.com

2500 SERIES SINGLE-ACTING



2500 SINGLE ACTING FLOW SCHEMATIC

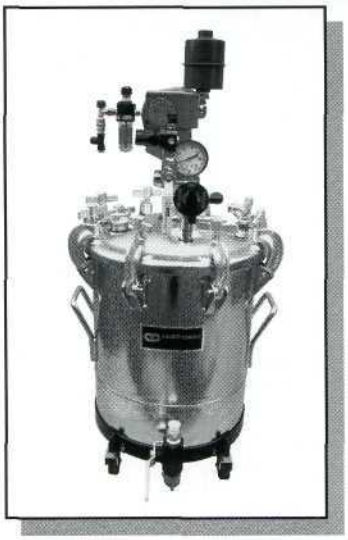
OPTIONS

- Heating of individual materials or the entire System.
- Wide range of ASME rated vacuum/pressure tanks with or without material agitators.
- Heavy plated cylinders for extreme duty.
- Low level indicators with audio/visual alarm.
- Pot-life timer with alarm and auto-shot feature.
- Methods of shot control: Operator, time or volumetric.

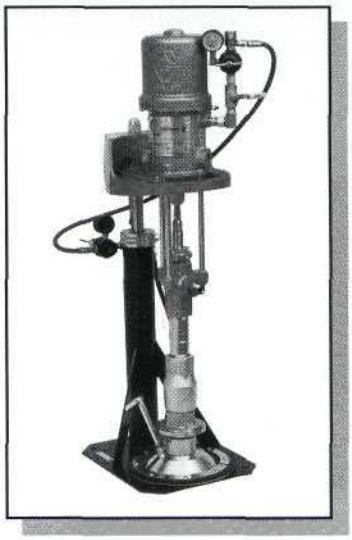
SYSTEM SPECIFICATIONS

- Ratio Range: 1:1 - 20:1
- Ratio Accuracy: ± 1%
- Viscosity Range: 1 cps - 500,000 cps (Some viscous materials may require heating or pumping.)
- Shot Size Range: 1/10 c.c. - 760 c.c. (depending on ratio)

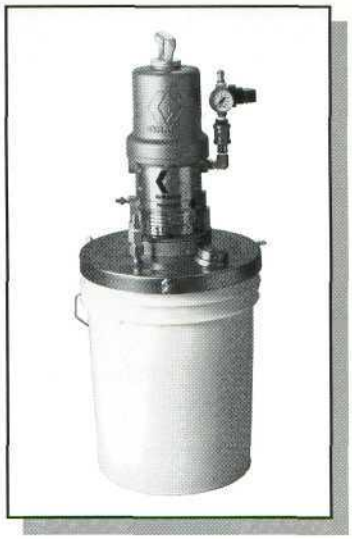
TYPICAL FEED ASSEMBLIES



PRESSURE/VACUUM TANK WITH AGITATOR



5 GALLON RAM PUMP



5 GALLON PAIL PUMP

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