

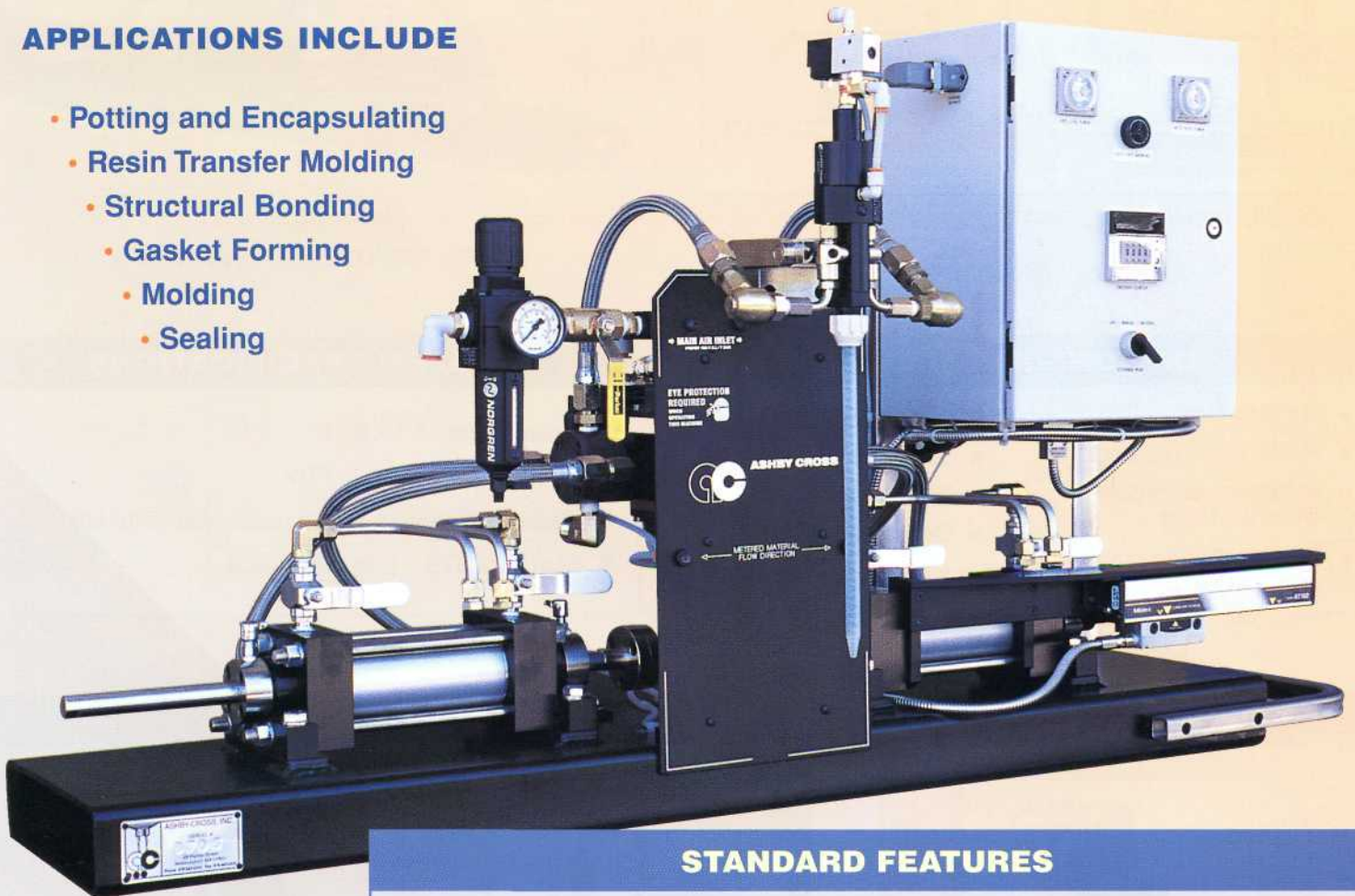


# 2500 SERIES **DOUBLE-ACTING**

**Automatic Meter, Mix and Dispense System**  
for processing two component materials

## APPLICATIONS INCLUDE

- Potting and Encapsulating
- Resin Transfer Molding
- Structural Bonding
- Gasket Forming
- Molding
- Sealing



## STANDARD FEATURES

- Positive-displacement piston metering with positive-ported, 4-way-flow directional valves (not check valves) maintains very accurate ratio.
- Double-acting design for on-demand dispensing with no interruption for reloading the metering cylinders.
- In-line design prevents racking or side-loading of the metering pistons.
- No-purge, snuff-back mix/dispense assembly eliminates solvent purging and hazardous waste.
- Pump feeding from the original shipping containers or vacuum/holding tanks.
- Abrasion-resistant metering cylinder, seals, and hardware.
- Rugged, heavy-duty construction.

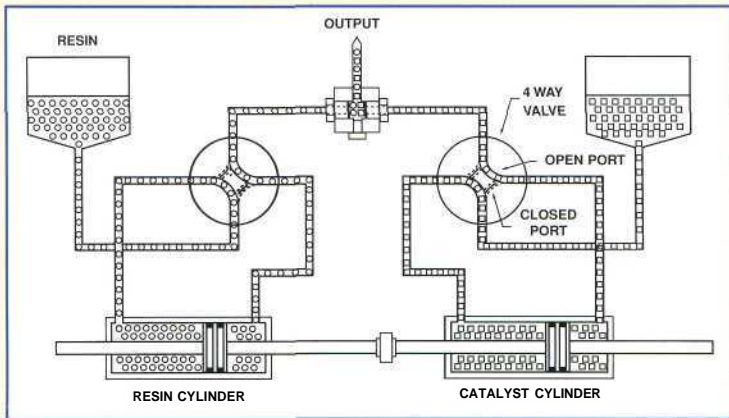


**Ashby Cross Company, Inc.**

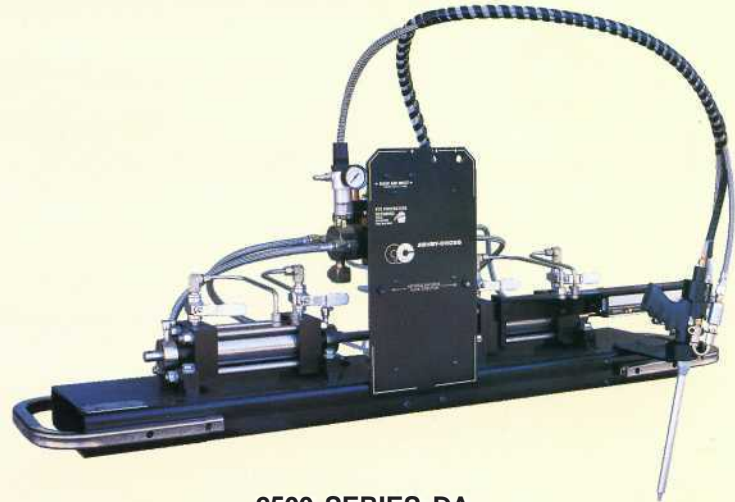
28 Parker Street ■ Newburyport, MA 01950 ■ (978) 463-0202 ■ Fax (978) 463-0505

[www.ashbycross.com](http://www.ashbycross.com)

# 2500 SERIES DOUBLE-ACTING



**2500 DOUBLE ACTING FLOW SCHEMATIC**



**2500 SERIES DA  
WITH REMOTE DISPENSE HEAD**

## OPTIONS INCLUDE

- Portable cart
- Proportional Heating
- Stationary or remote dispense head
- Feed tanks and pumps to suit the application
- Level sensors
- Shot size control
- Pot-life timer
- Degas capability
- X-Y table interface

## SYSTEM SPECIFICATIONS

- Ratio Range: 1:1 - 20:1
- Ratio Accuracy:  $\pm 1\%$  PBV
- Viscosity Range: 1 cps to paste type materials
- Shot Size: 0.5 c.c. to continuous

## TYPICAL FEED ASSEMBLIES



**5 GALLON RAM PUMP**



**55 GALLON RAM PUMP**



**5 GALLON PAIL PUMP**

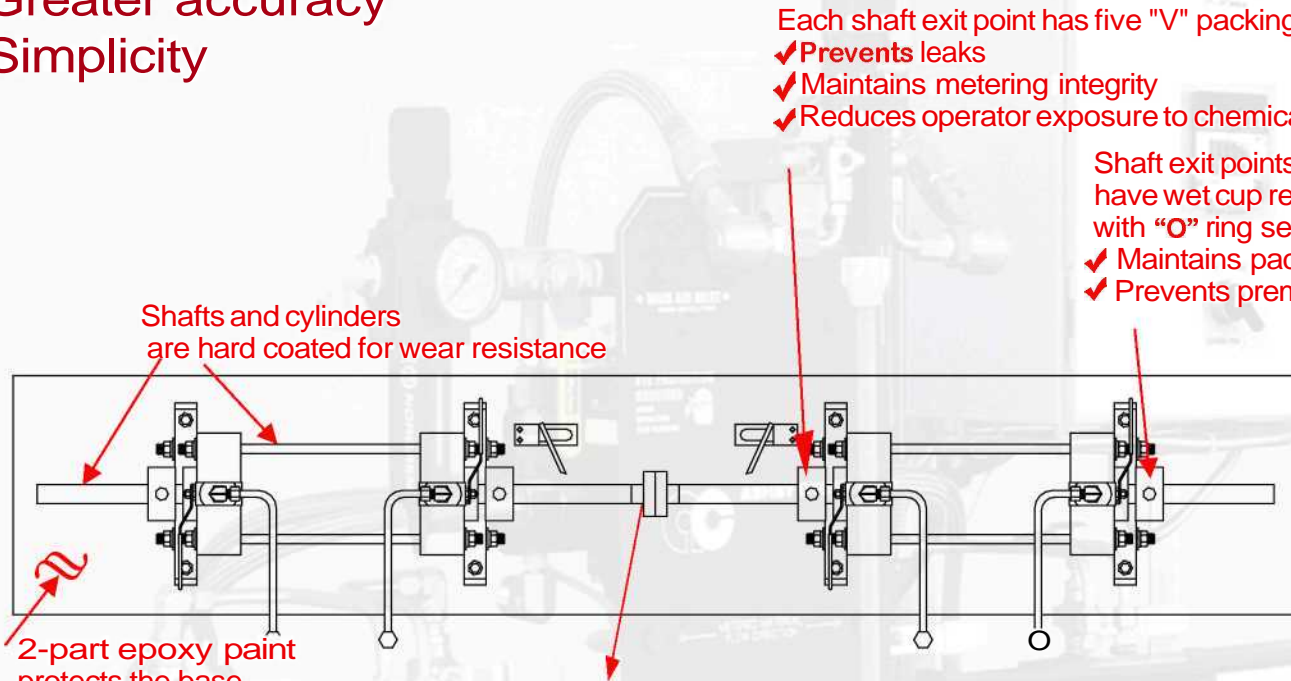


**Ashby Cross Company, Inc.**

28 Parker Street • Newburyport, MA 01950 • (978) 463-0202 • Fax (978) 463-0505

[www.ashbycross.com](http://www.ashbycross.com)

Quality is built into the design for  
Longer working life  
Greater accuracy  
Simplicity



Metering pistons operate on a common shaft

- ✓ Prevents independent piston movement
- ✓ Eliminates racking and phasing
- ✓ Increases ratio accuracy

**2500 Double Acting**

Ashby Cross Company

Over 30 years designing and manufacturing  
adhesive dispensing equipment

[www.ashbycross.com](http://www.ashbycross.com)