

2-Component Variable-Ratio Meter-Mix-Dispense System



See-Flo 509 Variable-Ratio
Meter-Mix-Dispense System

- ▶ 2-component wide-ratio “shot” dispensing system
- ▶ Single acting, positive rod displacement metering pumps
- ▶ Variable ratio metering capability
- ▶ Dispense mixed materials at precise controlled flow rates
- ▶ Includes phasing adjustment for on-ratio dispense starts
- ▶ Economical air-over-oil drive and all pneumatic control circuit
- ▶ Heavy duty industrial frame
- ▶ Fast reload time allows use in processes allowing a short interrupted dispense cycle

Features

The See-Flo 509 is specifically engineered for wide ratio, low viscosity materials supplied to the meter by supply tanks or low pressure pumps.

The See-Flo 509 is versatile and adaptable to a wide variety of dispensing processes and applications including robotic and self contained mobile units.

The See-Flo 509 is engineered to provide reliable and dependable on-ratio metering, mixing and dispensing with long life performance.

Applications

- Trickle Impregnation
- Filling and Potting
- Molding
- Bonding
- Extruded Bead
- Product Assembly

See-Flo 509T Trickle Impregnation System



Specifications

- Adjustable ratio from 100:1 to 100:2.5 parts by volume
- Maximum mixed volume per stroke 155 cc (9.4 cu. in.)
- Other ratios and shot volumes available on request
- Adjustment for phasing the catalyst at dispense start
- High speed reload sequence for minimum reload time
- All pneumatic controls; adjustable fluid flow control
- Air-Draulic™ air-over-oil drive
- Carbon steel resin meter, Stainless steel catalyst meter
- Adjustable Limit Switch shot volume control

Control Options

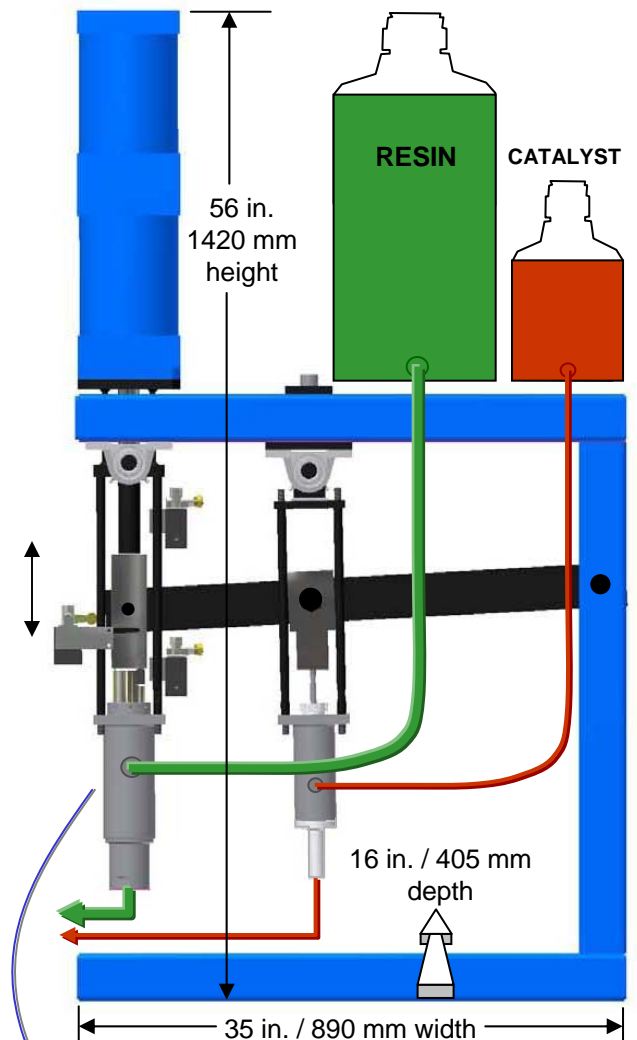
- Program-A-Shot precision encoder electronic control with over 200 shot sizes to store and recall

Material Supply Options

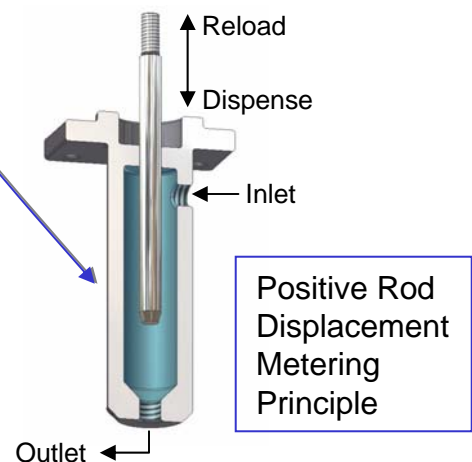
- Gravity or Pressure feed tanks up to 60 gallons (240 liters)
- 55 gallon (200 liter) drum racks with transfer pumps
- 5 gallon and 55 gallon drum pump assemblies
- Double Diaphragm transfer pumps

Other Accessories

- Mobile cart for self contained portability
- Boom assembly with tool balance for dispense valve
- Manual valve handle with trigger actuator



Trickle Impregnation process application



Manufacturers of Precision Dispense Systems & Valves

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