



# Posi-Ratio®

Meter, Mix and Dispense Machine



## Easy-to-operate system delivers accurately mixed materials

- Fixed ratio design for precise ratio control
- Easy ratio change by simply replacing the metering tube and piston
- Provides volumetric ratios from 1:1 to 30:1
- Handles most reactive resins with viscosities from water thin to heavy paste
- Machine- or operator-controlled shot sizes from 10 to 360 cc's

PROVEN QUALITY. LEADING TECHNOLOGY.



# Posi-Ratio offers exact preset ratio settings and easy touchscreen operation

## Easy, intuitive controls

- Operators can easily control all basic machine functions with the touch of a finger
- Standard control features include cycle totalizer, maintenance cycle totalizer, cycle counter, and purge control timer
- Control screens are tabbed for easy navigation

## Options

- Portable cart assembly
- Reset cycle counter to automatically cycle machine preset number of strokes
- Anti-gel timer with audible alarm
- Ratio check valve assemblies off pump outlets
- Heated tanks, pumps or hoses with fail-safe controls
- Stainless steel solvent pressure tank or transfer pump with air regulator and gauge for mixer purging
- Posilube shaft seal lubricator
- Various booms and masts to support the dispense valve and mixer assembly
- Ten preset shot sizes which can be entered into the programmable logic controller
- Linear transducer monitors pump travel for programmable shot size control

## Contact us today!

To receive product information or to request a hands-on demonstration, call **800-746-1334** or visit us online at **www.graco.com**.

## Technical Specifications

Resin and catalyst pumps (1)	10 mm to 55 mm
Volumetric ratio capacity (2)	1:1 to 30:1
Shot size capability (2)	2 to 360 cc's
Cycle rate (3)	Up to 30 per minute
Material feed methods (4)	1 to 60 gal (3.8 to 227 l) feed tanks are available in polyethylene, mild steel or stainless steel
Dispense valve	MD2 Dispense Valve
Mixers	3/16-in to 3/4-in diameter
Machine drive	Air cylinders from 2.5-in to 8-in diameter
Accuracy	Within $\pm 1\%$ cycle-to-cycle
Maximum air consumption	25 SCFM @ 90 psi
Power requirements	120V/1PH/60Hz or 240/480V/3PH/60Hz
Dimensions	24W x 42H x 48D in (61 x 107 x 122 cm)
Manuals	313854A, 313857A

(1) Depending on ratio and shot sizes desired. Mild steel hard chromed, stainless steel, nitralloy hardened steel and ceramic pumps also available

(2) Depending on metering pumps selected

(3) Depending on viscosities, hose sizes and mixers

(4) Gravity feed direct from pails or drums also available



### PosiMixer®

Reactive materials are kept separate until they enter the low-cost disposable PosiMixer



### Touchscreen Technology

Four tone or monochrome touchscreen controls

### Accurate Dispensing

A and B materials meet at the machine-mounted or hand-held dispense valve

### Posiload® Pumps

Precision Posiload positive displacement piston metering pumps rated at  $\pm 0.1$  to 0.5% accuracy