



**POLYURETHANE**  
MACHINERY CORPORATION

# PH/PHX-2 SERIES

**HYDRAULIC PROPORTIONER FOR  
FOAM AND COATING APPLICATIONS**

New bottom feed pump reduces overall machine footprint

Additional ports provided on the outlet manifold to allow for future upgrades

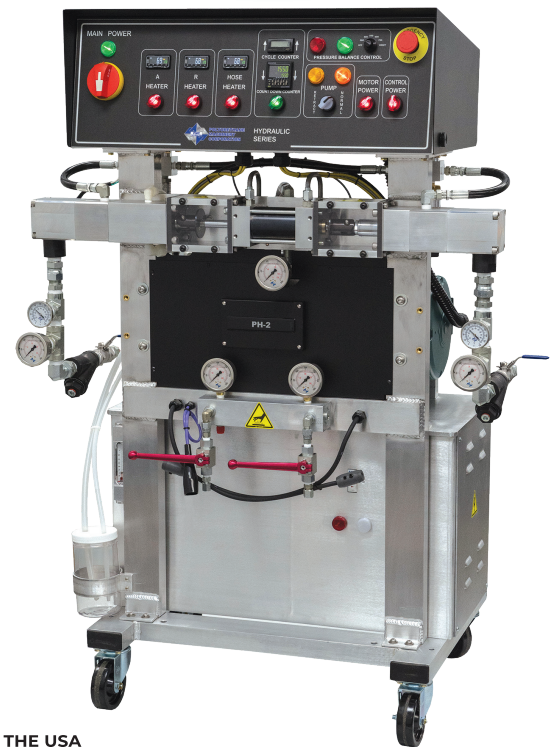
Opposed piston metering pumps include durable and serviceable ball checks

Only 10 gallons of hydraulic fluid required

**PMC'S PH-2 SERIES PROPORTIONERS  
OFFER HIGH VALUE AND SUPERIOR  
PERFORMANCE AT AN ENTRY LEVEL PRICE.**

## KEY FEATURES:

- Up to **28 lbs per minute** Foam and **1.7 gpm** Coatings
- Pressure Balance Control (PBC)
- Inlet Monitoring Kit - Standard
- Open Frame Lightweight Rugged Design
- Opposed Piston Metering Pumps
- Auto Shut Down Counter
- Digital Automatic Temperature Control
- Automatic ISO Lube System
- New Open Clevis Design
- Outlet Manifold with **Additional Ports for Future Upgrades**
- Requires Only **10 Gallons** of Hydraulic Fluid
- **New Bottom Feed Pumps** Reduce Overall Width by 6 inches (15 cm)
- CE Certified



MADE IN THE USA



[POLYMAC-USA.COM](http://POLYMAC-USA.COM)

**BUY THE BEST THE FIRST TIME.**

WORLDWIDE HEADQUARTERS

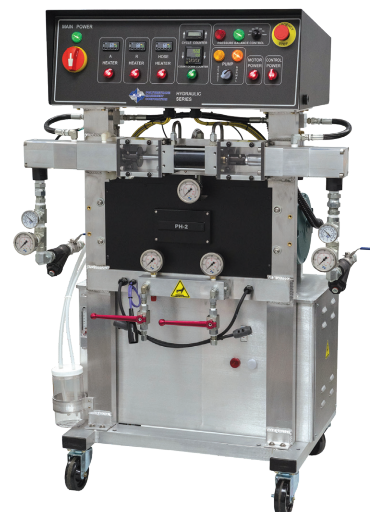
One Komo Drive Lakewood, NJ 08701 USA

P: (732) 415-4400 | E: [marketing@polymacusa.com](mailto:marketing@polymacusa.com)

# PH/PHX-2 SERIES



**POLYURETHANE**  
MACHINERY CORPORATION



## STANDARD FEATURES

The **electrical console** has been designed to eliminate the use of delicate circuit boards and displays.

**Pressure Balance Control** is standard on this machine to shut down unit when pressure imbalance occurs.

**Hose Heat Tap Settings** to match length of hose being used.

**Single Heater Block with Dual Zone Control.**

**Proximity style reversing switches** to ensure virtually maintenance free operation and long service life.

**Opposed piston pumping** is the industry benchmark and includes durable and easily serviceable ball checks.

## TECHNICAL DATA

MODEL	PH-2	PHX-2
Output* .....	28 lbs/min (12.70 kg/min)	1.7 gal/min (6.43 liters/min)
Max. Working Pressure.....	2,000 psi (138 bar)	3,000 psi (206 bar)
Max. Hose Length.....	210 ft (64 m) w/70V T 310 ft (94.5 m) w/90V T 410 ft (121.9 m) w/120V T	210 ft (64 m) w/70V T 310 ft (94.5 m) w/90V T 410 ft (121.9 m) w/120V T
Heater Wattage .....	7,500 watts (single htr) 10,500 watts (single htr) 14,000 watts (single htr)	9,000 watts (single htr) 10,500 watts (single htr) 14,000 watts (single htr)
Hose Heating Power .....	70 V, 90 V or 120 V	70 V, 90 V or 120 V
Max. Fluid Temp .....	190 °F (87.7 °C)	190 °F (87.7 °C)
Weight (w/o Hydr Fluid).....	480 lbs (218 kg)	480 lbs (218 kg)
Electrical @ 7.5KW Heaters .....	33 amps @ 3 x 230V 57 amps @ 1 x 230V	46 amps @ 3 x 230V 77 amps @ 1 x 230V
Electrical @ 10.5KW Heaters.....	44 amps @ 3 x 230V 78 amps @ 1 x 230V	53 amps @ 3 x 230V 90 amps @ 1 x 230V
Electrical @ 14KW Heaters .....	53 amps @ 3 x 230V 93 amps @ 1 x 230V	62 amps @ 3 x 230V 98 amps @ 1 x 230V

\*Output measured with mineral oil

**PH/PHX Series also available in 380 Voltage-Call for specs!**

## ORDERING INFORMATION

### PART #...DESCRIPTION

PH-2	
105243.....	PH2,3HP,220V,3PH,120T,9KW
105422.....	PH2,3HP,220V,1PH,70T,7.5KW
105432.....	PH2,3HP,220V,1PH,90T,7.5KW
105433.....	PH2,3HP,220V,1PH,90T,9KW
105434.....	PH2,3HP,220V,1PH,90T,10.5KW
105435.....	PH2,3HP,220V,1PH,90T,14KW
105442.....	PH2,3HP,220V,1PH,120T,7.5KW
105443.....	PH2,3HP,220V,1PH,120T,9KW
105444.....	PH2,3HP,220V,1PH,120T,10.5K
105445.....	PH2,3HP,220V,1PH,120T,14KW
105532.....	PH2,3HP,220V,3PH,90T,7.5KW
105533.....	PH2,3HP,220V,3PH,90T,9KW
105534.....	PH2,3HP,220V,3PH,90T,10.5KW
105535.....	PH2,3HP,220V,3PH,90T,14KW
105542.....	PH2,3HP,220V,3PH,120T,7.5KW
105544.....	PH2,3HP,220V,3PH,120T,10.5K
105545.....	PH2,3HP,220V,3PH,120T,14KW
PHX-2	
106434.....	PHX2,5HP,220V,1PH,90T,14KW
106444.....	PHX2,5HP,220V,3PH,90T,10.5K
106534.....	PHX2,5HP,220V,3PH,90T,14KW
106544.....	PHX2,5HP,220V,3PH,120T,14KW
106644.....	PHX2,5HP,380V,3PH,120T,14KW
202691.....	PHX2,5HP,220V,3PH,30T,10.5KW
202794.....	PHX2,5HP,460V,3PH,120T,12KW
202852.....	PHX2,5HP,220V,1PH,90T,10.5K
203391.....	PHX2,5HP,220V,1PH,RV,120T,14KW

## PMC LEGEND FOR MACHINE DESCRIPTIONS

**PH-2**.....Machine Series  
**3HP**.....Horsepower (3hp, 5hp, 7.5hp)  
**230V**.....Voltage (230v, 380v or 460v)

**1PH**.....Phase (Single or Three)  
**RV**.....Recirculation Valves  
**90T**.....Transformer Size (30V, 70V, 90V, or 120V)

**10KW** ... Heater Wattage  
**IM**..... Inlet Monitoring  
**PBC** ..... Pressure Balance Control

**DURABLE. RELIABLE. SMARTER.**

OUR PRODUCTS OUTPERFORM & OUTLAST OUR COMPETITORS



**POLYMAC-USA.COM**