



**POLYURETHANE**  
MACHINERY CORPORATION

# PH/PHX-25 SERIES

**HYDRAULIC PROPORTIONER FOR  
FOAM AND COATING APPLICATIONS**

Available up to 15Kw of heat, 2000-3000 psi and fixed ratios of up to 1.5:1, 2:1, 3:1, & 4.3:1.

Proximity switches initiate the reversing system, and solid-state relays control it, virtually ensuring maintenance-free operation and long service life.

Point to Point wiring scheme makes troubleshooting a snap. All components are easily replaceable and readily available.

**PMC'S PH-25 SERIES PROPORTIONERS  
OFFER THE PROFESSIONAL GREAT VALUE  
AND RUGGED DESIGN.**

## KEY FEATURES:

- Up to **28 lbs per minute** Foam and **1.7 gpm** Coatings
- Pressure Balance Control (PBC)
- Inlet Monitoring System
- Open Frame Lightweight **Rugged Design**
- Proximity Reversing System
- Auto Shut Down Counter
- **Point to Point** Wiring
- Opposed Piston Metering Pumps
- Digital Automatic Temperature Control
- Heater, Pressure Range and Ratio Options
- Automatic ISO Lube System
- Hose Heat Tap Settings
- Individual "A" and "B" **Hybrid Heaters**
- CE Certified



MADE IN THE USA



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

**BUY THE BEST THE FIRST TIME.**

WORLDWIDE HEADQUARTERS

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# PH/PHX-25 SERIES



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## STANDARD FEATURES

The **electrical console design** eliminates the use of delicate circuit boards and displays.

The **Auto Shut Down Counter** stops the machine before the drum runs empty avoiding possible cavitation, downtime and spraying off ratio material. The counter is adjustable to be set by the operator.

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

**Manual Hose Heat Tap Settings** to match the length of the hose.

The **temperature sensing unit (TSU)** operates in real time, sending a signal to the controller to maintain the chemical at the optimum temperature. The thermocouple that reads the temperature can be quickly replaced without removing the TSU block, a unique design feature that saves time and money.

## TECHNICAL DATA

MODEL	PH-25	PHX-25
Output* .....	28 lbs/min (12.7 kg/min)	1.7 gal/min (6.44 liters/min)
Max. Working Pressure.....	2,000 psi (138 bar)	3,000 psi (206 bar)
Max. Hose Length.....	410 ft (121.9 m)	410 ft (121.9 m)
Heater Wattage .....	8,000 watts (total) 10,000 watts (total) 12,000 watts (total) 15,000 watts (total)	8,000 watts (total) 10,000 watts (total) 12,000 watts (total) 15,000 watts (total)
Hose Heating Power .....	90 volts	90 volts
Max. Fluid Temp .....	190 °F (87.7 °C)	190 °F (87.7 °C)
Weight (w/o Hydr Fluid) .....	500 lbs (228.6 kg)	500 lbs (228.6 kg)
Electrical @ 8KW Heaters.....	43 amps @ 3 x 230V 71 amps @ 1 x 230V	43 amps @ 3 x 230V 71 amps @ 1 x 230V
Electrical @ 10KW Heaters .....	48 amps @ 3 x 230V 79 amps @ 1 x 230V	48 amps @ 3 x 230V 79 amps @ 1 x 230V
Electrical @ 12KW Heaters .....	53 amps @ 3 x 230V 88 amps @ 1 x 230V	53 amps @ 3 x 230V 88 amps @ 1 x 230V
Electrical @ 15KW Heaters .....	61 amps @ 3 x 230V 101 amps @ 1 x 230V	61 amps @ 3 x 230V 101 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-25

- 101432..... PH25,3HP,230V,1PH,90T,10KW
- 101433..... PH25,3HP,230V,1PH,90T,12KW
- 101435..... PH25,3HP,230V,1PH,90T,15KW
- 101533..... PH25,3HP,230V,3PH,90T,12KW
- 101535..... PH25,3HP,230V,3PH, 90T,15KW
- 101545..... PH25,3HP,230V,3PH,120T,15KW
- 101433..... PH25,3HP,230V,1PH,RV,90T,12KW
- 101435..... PH25,3HP,230V,1PH, RV, 90T,15KW
- 101442..... PH25,3HP,230V,1PH,RV,120T,10KW
- 101443..... PH25,3HP,230V,1PH,RV,120T,12KW
- 101532..... PH25,3HP,230V,3PH,RV,90T,10KW
- 101534..... PH25,3HP,230V,3PH,RV,90T,15KW
- 101542..... PH25,3HP,230V,3PH,RV,120T,10KW
- 101545..... PH25,3HP,230V,3PH,RV,120T,15KW

#### PHX-25

- 102433..... PHX25,3HP,230V,1PH,90T,12KW
- 102532..... PHX25,3HP,230V,3PH,90T,10KW
- 102533..... PHX25,3HP,230V,3PH,90T,12KW
- 102633..... PHX25,3HP,380V,3PH,90T,12KW
- 102343..... PHX25,3HP,380V, 3PH,120T,12KW
- 102433..... PHX25,3HP,230V,1PH,RV,90T,12KW
- 102533..... PHX25,3HP,230V,3PH,RV,90T,12KW

## 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

BUY THE BEST  
 THE FIRST TIME  
 FIND A →  
 DISTRIBUTOR



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