



POLYURETHANE  
MACHINERY  
CORPORATION

# "Classic" PH/PHX-25

## Hydraulic Proportioner for Foam and Coatings

The PMC "Classic" Series offers the professional great value and rugged design.

- Up to 30 lbs per minute Foam and 1.9 gpm Coatings
- Pressure Balance Control (PBC)
- Inlet Monitoring System
- Proximity Reversing System
- Auto Shut Down Counter
- Point to Point Wiring
- Opposed Piston Metering Pumps
- Digital Automatic Temperature Control
- Open Frame Design
- Heater, Pressure Range and Ratio Options
- Automatic ISO Lube System
- Hose Heat Tap Settings
- Individual "A" and "R" Hybrid Heaters
- CE Certified



**Polyurethane Machinery Corporation • Lakewood, NJ, USA • 732-415-4400**

*Innovative Spray Technology Made Simple*

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



## PMC Legend for Machine Descriptions

PH	3HP	230V	1PH	RV	90T	10KW	IM	PBC
Machine Series	Horsepower (3hp, 5hp, 7.5hp, 10hp)	Voltage (230v, 380v or 460v)	Phase (Single or Three)	Recirculation Valves	Transformer Size (30V, 70V, 90V, or 120V)	Heater Wattage	Inlet Monitoring	Pressure Balance Control

## Technical Data: Classic PH/PHX-25 Series

MODEL	PH-25	PHX-25
Output*	30 lbs/min (13.6 kg/min)	1.9 gal/min (7.19 liters/min)
Max. Working Pressure	2000 psi (138 bar)	3000 psi (206 bar)
Max. Hose Length	310 ft (94.5 m)	310 ft (94.5 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
Maximum Fluid Temperature	190 °F (87.7 °C)	190 °F (87.7 °C)
Weight (w/o Hydraulic 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

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

\*Output measured with mineral oil

## Standard Features

**The PMC "Classic" Series PH/PHX was "Designed with the Customer in Mind" to provide applicator friendly and serviceability to meet today's market place demands.**

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

The open frame design format allows easy access to all components.

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

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.

The reversing system is initiated by proximity switches and controlled by solid state relays to virtually assure maintenance free operation and long service life.

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.

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

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

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.

## Ordering Information

Part #	Description
<b>PH-25</b>	
101132	PH25,3HP,230V,1PH,90T,10KW
101133	PH25,3HP,230V,1PH,90T,12KW
101135	PH25,3HP,230V,1PH,90T,15KW
101233	PH25,3HP,230V,3PH,90T,12KW
101235	PH25,3HP,230V,3PH, 90T,15KW
101245	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
<b>PHX-25</b>	
102131	PHX25,3HP,230V,1PH,90T,8KW
102132	PHX25,3HP,230V,1PH,90T,10KW
102133	PHX25,3HP,230V,1PH,90T,12KW
102232	PHX25,3HP,230V,3PH,90T,10KW
102233	PHX25,3HP,230V,3PH,90T,12KW
102333	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

## Optional Equipment

PMC Spray and Pour Guns  
Recirculation Blocks

Material Transfer Pumps for 55 and 30 Gallon Drums  
Calibration/Bleed Tool

Heated Hoses  
Replaceable TSU Probe