



**POLYURETHANE
MACHINERY
CORPORATION**

PH/PHX-2 Series

Hydraulic Proportioner for Foam and Coatings

The newest generation of PMC Hydraulic proportioners offers high value and superior performance at an entry level price.

- Up to 28 lbs per minute Foam and 1.7 gpm Coatings
- Economically Priced
- 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



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

Innovative Spray Technology Made Simple

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: PH/PHX-2 Series

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)	14,000 watts (single htr)
Hose Heating Power	70 V, 90 V or 120 V	70 V, 90 V or 120 V
Maximum Fluid Temperature	190 °F (87.7 °C)	190 °F (87.7 °C)
Weight (w/o Hydraulic Fluid)	415 lbs (188 kg)	415 lbs (188 kg)
Electrical @ 7.5KW Heaters	42 amps @ 3 x 230V 63 amps @ 1 x 230V	Not Applicable
Electrical @ 10.5KW Heaters	49 amps @ 3 x 230V 82 amps @ 1 x 230V	Not Applicable
Electrical @ 14KW Heaters	58 amps @ 3 x 230V 97 amps @ 1 x 230V	62 amps @ 3 x 230V 105 amps @ 1 x 230V

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

*Output measured with mineral oil

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.

CE Certified.

Automatic ISO lubrication system.

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

New open Clevis Design.

Single Heater Block with Dual Zone Control.

Proximity style reversing switches to ensure virtually 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.

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

Ordering Information

Part #	Description
PH-2	
105122	PH2,3HP,230V,1PH,70T,7.5KW
105132	PH2,3HP,230V,1PH,90T,7.5KW
105133	PH2,3HP,230V,1PH,90T,9KW
105134	PH2,3HP,230V,1PH,90T,10.5KW
105142	PH2,3HP,230V,1PH,120T,7.5KW
105243	PH2,3HP,230V,3PH,120T,9KW
105244	PH2,3HP,230V,3PH,120T,10.5KW
105334	PH2,3HP,380V,90T,10.5KW
105433	PH2,3HP,230V,1PH,RV,90T,9KW
105434	PH2,3HP,230V,1PH,RV,90T,10.5KW
105442	PH2,3HP,230V,1PH,RV,120T,7.5KW
105444	PH2,3HP,230V,1PH,RV,120T,10.5KW
105532	PH2,3HP,230V,3PH,RV,90T,7.5KW
105534	PH2,3HP,230V,3PH,RV,90T,10.5KW
105542	PH2,3HP,230V,3PH,RV,120T,7.5KW
105544	PH2,3HP,230V,3PH,RV,120T,10.5KW
105545	PH2,3HP,230V,3PH,RV,120T,14KW
PHX-2	
106134	PHX2,5HP,230V,1PH,90T,14KW
106234	PHX2,5HP,230V,3PH,90T,14KW
106244	PHX2,5HP,230V,3PH,120T,14KW
106334	PHX2,5HP,380V,3PH,90T,14KW
106344	PHX2,5HP,380V,3PH,120T,14KW
106434	PHX2,5HP,230V,1PH,RV,90T,14KW
106534	PHX2,5HP,230V,3PH,RV,90T,14KW
106544	PHX2,5HP,230V,3PH,RV,120T,14KW
106634	PHX2,5HP,380V,3PH,RV,90T,14KW

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