



POLYURETHANE
MACHINERY
CORPORATION

“Classic” PH/PHX-55

Our Highest Output Proportioners

The PMC “Classic” Series offers the professional great value, highest output and rugged design.

- Up to 55 lbs per minute Foam and 3.25 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



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-55 Series

Model	PH-55	PHX-55
Output*	55 lbs/min (24.95 kg/min)	3.25 gal/min (12.3 liters/min)
Max. Working Pressure	2500 psi (172.37 bar)	3500 psi (241 bar)
Max. Hose Length	410 ft (121.9 m)	410 ft (121.9 m)
Heater Wattage	21,000 watts (Total)	21,000 watts (Total)
Hose Heating Power	120 Volts	120 Volts
Maximum Fluid Temperature	190 °F (87.7 °C)	190 °F (87.7 °C)
Weight (w/o Hydraulic Fluid)	655 lbs (297.1 kg)	655 lbs (297.1 kg)
Electrical @ 21KW Heaters	98 amps @ 3 x 230V	98 amps @ 3 x 230V
Dimensions	40"w x 53.5"h x 26"d (101.6cm x 135.9cm x 66cm)	40"w x 53.5"h x 26"d (101.6cm x 135.9cm x 66cm)

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

*Output measured with mineral oil

Ordering Information

Part #	Description
PH-55	
112244	PH55,7.5HP,230V,3PH,120T,21KW
112344	PH55,7.5HP,380V,3PH,120T,21KW
112544	PH55,7.5HP,230V,3PH,RV,120T,21KW
112644	PH55,7.5HP,380V,3PH,RV,120T,21KW
PHX-55	
113244	PHX55,7.5HP,230V,3PH,120T,21KW
113544	PHX55,7.5HP,230V,3PH,RV,120T,21KW

Standard Features

The PMC "Classic" Series 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.

CE Certified.

Pressure Balance Control (PBC).

Inlet monitoring system for material pressure and temperature.

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.

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

Standard with 21Kw of heat, 2500-3500 psi and ratios of up to 1.5:1, 2:1, 3:1, & 4.3:1.

Automatic ISO lubrication system.

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

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