



**POLYURETHANE**  
MACHINERY CORPORATION

# PH/PHX-55 SERIES

**OUR HIGHEST OUTPUT  
PROPORTIONERS FOR FOAM  
AND COATING APPLICATIONS**

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

At 55 lbs/min, the PH-55 is the highest output low pressure proportioner available from PMC. The best in rugged design with dual 21kw (total) heaters, the PH-55 is perfectly suited for the most demanding commercial spray foam applications.

**PMC'S PH-55 SERIES PROPORTIONERS  
OFFER THE PROFESSIONAL GREAT VALUE,  
HIGHEST OUTPUT AND RUGGED DESIGN.**

## KEY FEATURES:

- 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



MADE IN THE USA



**POLYMAC-USA.COM**

**BUY THE BEST THE FIRST TIME.**

**WORLDWIDE HEADQUARTERS**  
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# PH/PHX-55 SERIES



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## STANDARD FEATURES

**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.

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

**Inlet monitoring system** for material pressure and temperature.

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

**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-55	PHX-55
Output* .....	55 lbs/min (24.95 kg/min)	3.25 gal/min (12.3 liters/min)
Max. Working Pressure.....	2,500 psi (172 bar)	3,500 psi (241 bar)
Max. Hose Length.....	410 ft (121.9 m)	410 ft (94.5 m)
Heater Wattage .....	21,000 watts (total)	21,000 watts (total)
Hose Heating Power .....	120 volts	120 volts
Max. Fluid Temp .....	190 °F (87.7 °C)	190 °F (87.7 °C)
Weight (w/o Hydr Fluid) .....	655 lbs (297.1 kg)	655 lbs (297.1 kg)
Electrical @ 21KW Heaters .....	81 amps @ 3 x 230V	81 amps @ 3 x 230V
Dimensions (W x D x H) .....	40in x 29in x 52in (100cm x 52cm x 74cm)	40in x 29in x 52in (100cm x 52cm x 74cm)

\*Output measured with mineral oil

**Standard with 21Kw of heat, 2500-3500 psi and ratios of up to 1.5:1, 2:1, 3:1, & PH/PHX Series also available in 380 Voltage-Call for specs!**

## ORDERING INFORMATION

### PART #.... DESCRIPTION

#### PH-55

112544..... PH55,7.5HP,220V,3PH,120T,21KW

#### PHX-55

113544..... PHX55,7.5HP,220V,3PH,120T,21KW

## 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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