



POLYURETHANE
MACHINERY CORPORATION

PH/PHX-40 SERIES

**HYDRAULIC PROPORTIONER FOR
FOAM AND COATING APPLICATIONS**

Ideal for use in High Output Roofing
Applications

Includes Pressure Balance Control System
and Count Down Shutoff

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.

**PMC'S PH-40 SERIES PROPORTIONERS
OFFER THE PROFESSIONAL GREAT VALUE,
HIGH OUTPUT AND RUGGED DESIGN.**

KEY FEATURES:

- Up to **40 lbs per minute** Foam and **2.8 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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STANDARD FEATURES

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

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.

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-40	PHX-40
Output*	40 lbs/min (18.14 kg/min)	2.8 gal/min (10.59 liters/min)
Max. Working Pressure.....	2,000 psi (138 bar)	3,500 psi (241 bar)
Max. Hose Length.....	410 ft (125 m)	410 ft (125 m)
Heater Wattage	15,000 watts 18,000 watts 21,000 watts	15,000 watts 18,000 watts 21,000 watts
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).....	550 lbs (249.5 kg)	550 lbs (249.5 kg)
Electrical @ 15KW Heaters	70 amps @ 3 x 230V 118 amps @ 1 x 230V	70 amps @ 3 x 230V 118 amps @ 1 x 230V
Electrical @ 18KW Heaters	77 amps @ 3 x 230V 131 amps @ 1 x 230V	77 amps @ 3 x 230V 131 amps @ 1 x 230V
Electrical @ 21KW Heaters	85 amps @ 3 x 230V 144 amps @ 1 x 230V	85 amps @ 3 x 230V 144 amps @ 1 x 230V
Dimensions (W x D x H)	40in x 29in x 52in (100cm x 74cm x 132cm)	40in x 29in x 52in (100cm x 74cm x 132cm)

*Output measured with mineral oil

Available up to 21Kw of heat, 2000-3500 psi and fixed ratios of up to 1.5:1, 2:1, 3:1, & 4.3:1.

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

ORDERING INFORMATION

PART #.... DESCRIPTION

PH-40

103432.....	PH40,5HP,220V,1PH,RV,90T,15KW
103442.....	PH40,5HP,220V,1PH,RV,120T,15KW
103443.....	PH40,5HP,220V,1PH,120T,18KW
103542.....	PH40,5HP,220V,3PH,120T,15KW
103543.....	PH40,5HP,220V,3PH,120T,18KW
103544.....	PH40,5HP,220V,3PH,120T,21KW

PHX-40

104442.....	PHX40,5HP,220V,1PH,120T,15KW
104443.....	PHX40,5HP,220V,1PH,120T,18KW
104432.....	PHX40,5HP,220V,1PH,90T,15KW
104542.....	PHX40,5HP,220V,3PH,120T,15KW
104543.....	PHX40,5HP,220V,3PH,120T,18KW
104544.....	PHX40,5HP,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

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103544..... PH40,5HP,220V,3PH,120T,21KW

PHX-40

104442..... PHX40,5HP,220V,1PH,120T,15KW
104443..... PHX40,5HP,220V,1PH,120T,18KW
104432..... PHX40,5HP,220V,1PH,90T,15KW
104542..... PHX40,5HP,220V,3PH,120T,15KW
104543..... PHX40,5HP,220V,3PH,120T,18KW
104544..... PHX40,5HP,220V,3PH,120T,21KW

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103544.....	PH40,5HP,220V,3PH,120T,21KW

PHX-40

104442.....	PHX40,5HP,220V,1PH,120T,15KW
104443.....	PHX40,5HP,220V,1PH,120T,18KW
104432.....	PHX40,5HP,220V,1PH,90T,15KW
104542.....	PHX40,5HP,220V,3PH,120T,15KW
104543.....	PHX40,5HP,220V,3PH,120T,18KW
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