



**POLYURETHANE
MACHINERY
CORPORATION**



PH-20/PHX-20 SERIES

ECONOMICAL HYDRAULIC PROPORTIONER FOR FOAM AND COATINGS

The PH-20/PHX-20 series of Hydraulic Proportioners offers *"Affordable Performance"* as a superior alternative to similarly configured electric units without sacrificing performance.

- ◆ Lightweight; Rugged; Open Frame Design
- ◆ Individual Heaters
- ◆ Cycle Totalizer
- ◆ Automatic Shut Down Feature
- ◆ Automatic Digital Temperature Control
- ◆ Redundant Over Temperature Protection
- ◆ Point to Point Wiring
- ◆ Double Acting Vertical Piston Pumps
- ◆ Less Noise and Longer Service Life
- ◆ Hose Heat Tap Settings
- ◆ Low Amperage Requirements
- ◆ NEMA 4* Switches



Specialty Products, Inc. (SPI)

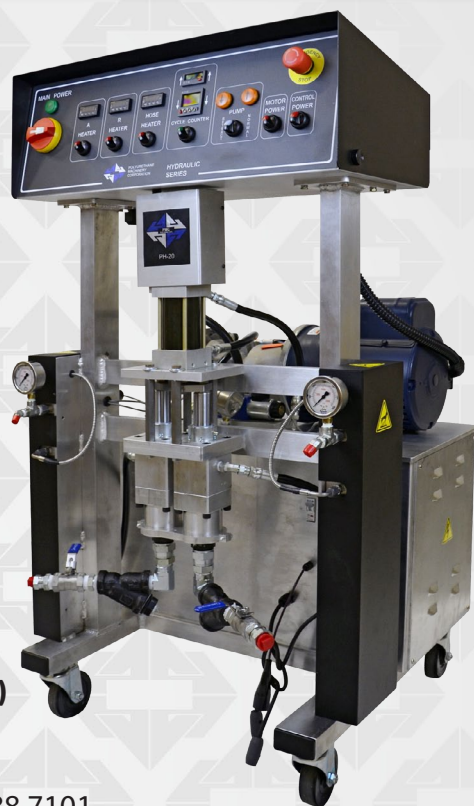
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SPRAY FOAM APPLICATIONS

COATINGS-CONTAINMENT



TECHNICAL DATA: PH-20/PHX-20 SERIES

MODEL	PH-20	PHX-20
Output*	20 lbs/min	1 gallon/min
Output per Cycle*	.0426 Gallons	.0211 Gallons
Maximum Working Pressure	2000 psi	3000 psi
Maximum Hose Length	210 ft	210 ft
Heater Wattage	7,500 watts	9,000 watts
Hose Heating Power	70 Volts	70 Volts
Maximum Fluid Temperature	190 Degrees F	190 Degrees F
Weight (w/o Hydraulic Fluid)	365 lbs	365 lbs
Weight (with Hydraulic Fluid)	435 lbs	435 lbs
Dimensions	53"h x 28"w x 26"d	53"h x 28"w x 26"d
Electrical	25 amps @ 3 x 230V 58 amps @ 1 x 230V	30 amps @ 3 x 230V 63 amps @ 1 x 230V

PH-20/PHX-20 Also available in 380 Voltage and to accommodate longer hose lengths-Call for details!

*Output measured with Mineral Oil

The PMC Series PH-20/PHX-20 was designed to provide "Affordable Performance" in a hydraulically operated proportioner. Contractors have long struggled with the purchasing decision between a hydraulically operated proportioner versus an electrically driven proportioner based on perceived costs, often times sacrificing overall performance. The "NO BRAINER" debate ends here with PMC's new PH-20 hydraulically operated proportioner.

The PMC tradition continues with the point to point wiring in the console to eliminate the use of delicate circuit boards and displays. This point to point wiring scheme makes troubleshooting a snap. All components are easily replaceable and readily available.

The lightweight, rugged, open frame design allows easy access to all components and proportioner mounting in a small space.

Individual solid mass style pre-heaters are provided for maximum material Delta T.

The cycle totalizer is used to measure total cycles completed to measure output per day or per job and is re-settable.

A separate count-down device is provided to be preset by the operator to interrupt the operation of the pump circuit i.e. just prior to an empty drum set thus avoiding cavitation of the pumps.

Automatic temperature control for chemical and hose heat is provided and easily set.

The PH20/PHX series also has a redundant over temperature protection device to shut down the unit should the temperature exceed the high set limits of the temperature controllers. The unit will not restart until the temperature has dropped back down to a safe level.

Double Acting Vertical Piston Pumps are easily and quickly serviced.

Hydraulically driven proportioners typically have less decibels and require less cycles per gallon than Electrically driven units. Less Strokes=Less Wear.

Manual hose heat tap settings are provided to eliminate fragile control boards.

The PH-20/PHX-20 has the lowest amperage requirements of any Hydraulic proportioner in its' class, thus providing for use with a smaller compressor in the economical truck/trailer rig.

All switches are NEMA 4* rated to withstand the rigorous use required in spray applications.