



**POLYURETHANE  
MACHINERY  
CORPORATION**



# “CLASSIC” GH SERIES

## HYDRAULIC PROPORTIONER FOR FOAM AND COATINGS

- ◆ Hydraulically Operated Proportioner
- ◆ Passive Hydraulic System
- ◆ Opposed Piston Metering Pumps
- ◆ New Pump Base Design
- ◆ Digital Automatic Temperature control for superior control of material processing
- ◆ Open Frame Design
- ◆ Relay Logic Control
- ◆ Heater Options, Pressure Ranges and Ratio options to process most Foam and Coatings
- ◆ Automatic ISO Lube System
- ◆ Hose Heat Tap Setting



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## SPRAY FOAM APPLICATIONS



# TECHNICAL DATA: "CLASSIC" SERIES GH

MODEL	GH-25 2000	GH-25 3000	GH-40 2000	GH-40 3500
Output	25lbs/min	1.3 gallons/min	40lbs/min	2.5 gallons/min
Max. Working Pressure	2000PSI	3000PSI	2000PSI	3500PSI
Max. Hose Length	310 ft	310 ft	410 ft	410 ft
Heater Wattage	8,000 watts 10,000 watts 12,000 watts	8,000 watts 10,000 watts 12,000 watts	15,000 watts 18,000 watts 21,000 watts	15,000 watts 18,000 watts 21,000 watts
Hose Heating Power	90 Volts	90 Volts	120 Volts	120 Volts
Maximum Fluid Temperature	190 Degrees F	190 Degrees F	190 Degrees F	190 Degrees F
Weight (w/o Hydraulic Fluid)	520 lbs	520 lbs	520 lbs	520 lbs
Electrical @ 8KW Heaters	27 amps @ 3x230V 60 amps @ 1x230V	27 amps @ 3x230V 60 amps @ 1x230V		
Electrical @ 10KW Heaters	35 amps @ 3 x 230V 70 amps @ 1 x 230V	35 amps @ 3 x 230V 70 amps @ 1 x 230V		
Electrical @ 12KW Heaters	43 amps @ 3 x 230V 80 amps @ 1 x 230V	43 amps @ 3 x 230V 80 amps @ 1 x 230V		
Electrical @ 15KW Heaters			80 amps @ 3 x 230V 130 amps @ 1 x 230V	80 amps @ 3 x 230V 130 amps @ 1 x 230V
Electrical @ 18KW Heaters			93 amps @ 3 x 230V	93 amps @ 3 x 230V
Electrical @ 21KW Heaters			106 amps @ 3x230V	106 amps @ 3x230V

GH Series Also available in 380 Voltage-Call for specs!

## STANDARD FEATURES

**The PMC "Classic" Series GH was "Designed with the Customer in Mind" to provide applicator friendly and serviceability to meet today's market place demands.**

**Hydraulically Operated Proportioner:** Passive Hydraulic system provides a rugged, consistent and long lasting power train as the drive mechanism for this plural component proportioning system.

**Opposed Piston Metering Pumps:** The horizontal configuration of these in-line metering pumps helps to eliminate uneven loading during the pumping cycle. Provides minimal fluctuations in spray pressures.

**New Pump Base:** The Newly Designed Pump Bases ensure pressure stability throughout the cycle and provide user friendly access for preventive maintenance.

**Digital Automatic Temperature Control:** Digital controllers allow the operator to precisely program the set temperature to suit the chemical system being used. Used in concert with the Newly Designed PMC Temperature Sensing Unit (TSU), the Classic Series will provide accurate and consistent Hose Heat to insure the most effective yield for your product under varying conditions.

**Open Frame Design:** Allows the operator full view and easy access to all the critical components of the proportioner.

**Relay Logic Control:** Point to point wiring in series with relays and circuit breakers minimize the use of printed circuit boards in all control functions.

**Heaters:** The GH Series is available with two mass aluminum heaters per unit; configurations ranging from 8,000 total watts (4,000 per side) up to 21,000 total watts (10,500 per side).

**Ratio:** Standard Classic units are sold with a 1:1 Ratio. Various size pumps are available to switch volume ratio range from 1:1 to 3:1.

**ISO Lube System:** Standard on all GH series units to help flush the ISO pump shaft resulting in longer seal life.

**Heater Tap Settings:** Standard terminal block tap settings for your particular hose length.

## OPTIONAL EQUIPMENT

PMC Spray and Pour Guns  
Recirculation Blocks

Material Transfer Pumps for 55 and 30 Gallon Drums  
Ratio Testing Tool

Heater Hoses  
Replaceable TSU Probe