



# POLYURETHANE MACHINERY CORPORATION

*The One. The Only. The Original.*

## ***PH-HYBRID SPRAY MACHINE***

**Dual-Purpose All In One Spray Foam and Polyurea Coatings**

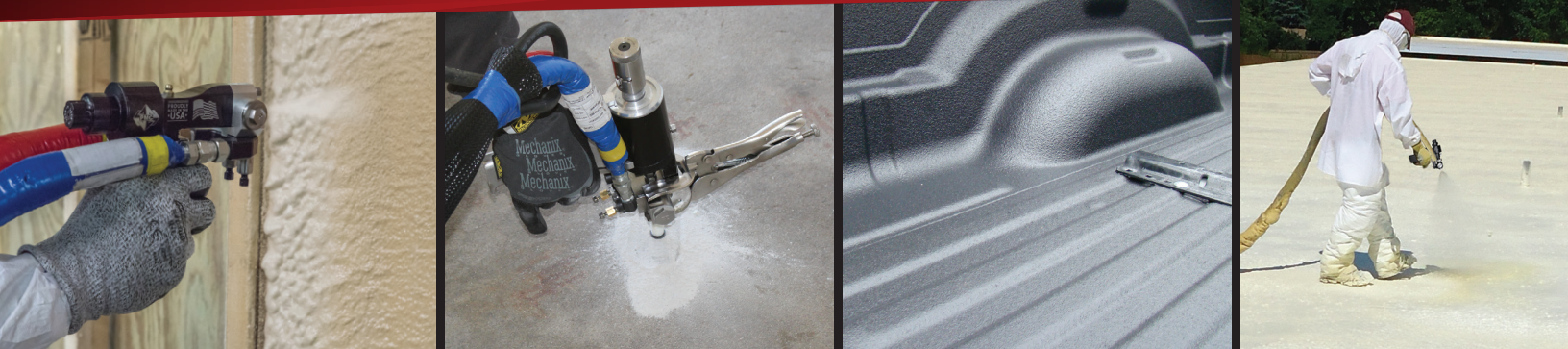
The newest generation gives you access to spray two types of materials - polyurethane and polyurea coatings.

- Opens up double the amount of industries with a single machine
- Great for residential AND light commercial applications
- Increase your scope of work
- Increase your chance for profit
- Automatically reduce your equipment costs
- Eliminate the need for two trailers/proportioners
- Larger hydraulic reservoir for trouble-free operation in extreme heat and cold
- No cooling fan
- No proprietary electronics
- Easy electrical troubleshooting
- CE & CSA Certified



**Polyurethane Machinery Corporation**

**[www.polymacusa.com](http://www.polymacusa.com)**



## PMC Legend for Machine Descriptions

| PH             | 3HP                                   | 230V                            | 1PH                        | RV                   | 90T  | 10KW           | IM               | PBC                      |
|----------------|---------------------------------------|---------------------------------|----------------------------|----------------------|--|----------------|------------------|--------------------------|
| Machine Series | Horsepower<br>(3hp, 5hp, 7.5hp, 10hp) | Voltage<br>(230v, 380v or 460v) | Phase<br>(Single or Three) | Recirculation Valves | Transformer Size<br>(30V, 70V, 90V, or 120V) | Heater Wattage | Inlet Monitoring | Pressure Balance Control |

## Technical Data: PH-Hybrid Spray Machine

| MODEL                        | PH-HYBRID  |
|------------------------------|--|
| Output*                      | 28 lbs/min (12.70 kg/min)  |
| Max. Working Pressure        | 2,000 psi (138 bar)  |
| Max. Hose Length             | 210 ft (64 m) w/70V T<br>310 ft (94.5 m) w/90V T<br>410 ft (121.9 m) w/120V T      |
| Heater Wattage               | 7,500 watts (single htr)<br>10,500 watts (single htr)<br>14,000 watts (single htr) |
| Hose Heating Power           | 70 V, 90 V or 120 V  |
| Maximum Fluid Temperature    | 190 °F (87.7 °C)   |
| Weight (w/o Hydraulic Fluid) | 415 lbs (188 kg)   |
| Electrical @ 7.5KW Heaters   | 42 amps @ 3 x 230V<br>63 amps @ 1 x 230V   |
| Electrical @ 10.5KW Heaters  | 49 amps @ 3 x 230V<br>82 amps @ 1 x 230V   |
| Electrical @ 14KW Heaters    | 58 amps @ 3 x 230V<br>97 amps @ 1 x 230V   |

\*Output measured with mineral oil

## Standard Features

**The PH-Hybrid is the most versatile hydraulic drive proportioner available! Get the best of both worlds with the PH-Hybrid. One machine designed to spray both foam and coatings at production volumes. The PH-Hybrid is built on the proven platform of the PH-2, a rugged platform that is in operation all over the world in the most challenging environments.**

Spray mostly residential foam but want the option to spray coatings as well? The PH-Hybrid has the hydraulic drive power to give you the pressure you need.

Spray mostly coatings but want the option to spray foam at production levels as well? The PH-Hybrid is there with fluid sections that have the volume to spray residential foam all day long.

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

Pressure Balance Control is standard on this machine to shut down unit when pressure imbalance occurs.

Automatic ISO lubrication system.

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

Single Heater Block with Dual Zone Control.

Proximity style reversing switches to ensure virtually 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.

Opposed piston pumping is the industry benchmark and includes durable and easily serviceable ball checks.

## Ordering Information

| Part #    | Description                            |
|-----------|--|
| PH-HYBRID |  |
| 202699    | PH-2 HYB, 5HP,220V,3PH,90T,14KW        |
| 202700    | PH-2 HYB, 5HP,220V,1PH,90T,14KW        |
| 202701    | PH-2 HYB,5HP,220V,1PH,RV,90T,14KW      |
| 202702    | PH-2 HYB, 5HP,220V,3PH,RV,90T,14KW     |
| 202632    | PH-2 HYBRID, 5HP,220V,3PH,120T,14KW    |
| 202646    | PH-2 HYBRID, 5HP,220V,1PH,120T,14KW    |
| 202675    | PH-2 HYBRID, 5HP,RV,220V,1PH,120T,14KW |
| 202676    | PH-2 HYBRID, 5HP,RV,220V,3PH,120T,14KW |

## 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