



**POLYURETHANE
MACHINERY
CORPORATION**

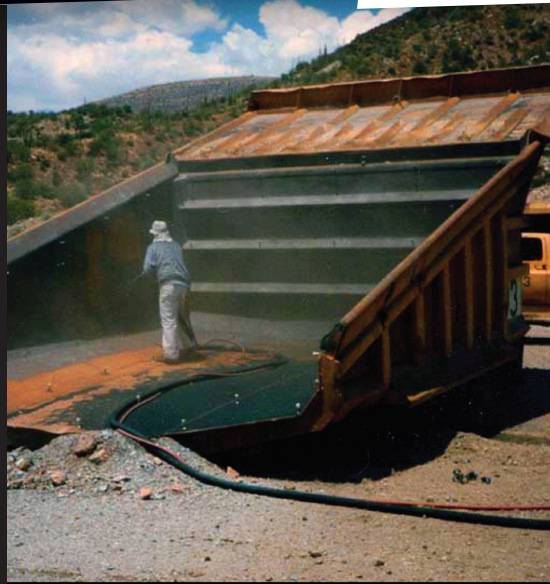
**2019
MODELS**

Plural Component Foam & Coatings Equipment

Polyurethane Machinery Corporation • Lakewood, NJ, USA • 732-415-4400

Innovative Spray Technology Made Simple

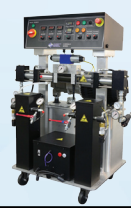
www.polymacusa.com



Foam Proportioners



Shown with Optional PBC



Model	PF-1600	PH-2	PH-25	PH-40	PH-55
	<i>Pneumatic</i>	<i>Hydraulic</i>			
Output*	16 lbs/min@1000 psi (7.26 kg/min 68.95 bar)	28 lbs/min (12.70 kg/min)	30 lbs/min (14.06 kg/min)	40 lbs/min (18.14 kg/min)	55 lbs/min (24.95 kg/min)
Max. Working Pressure	2,000 psi (138 bar)	2,000 psi (138 bar)	2,000 psi (138 bar)	2,000 psi (138 bar)	2,500 psi (172.37 bar)
Max. Hose Length	210 ft (64m) w/70V Trans 310 ft (94.5 m) w/90V Trans	210 ft (64 m) w/70V Trans 310 ft (94.5 m) w/90V Trans 410 ft (121.9 m) w/120V Trans	310 ft (94.5 m)	410 ft (121.9 m)	410 ft (121.9 m)
Heater Wattage (Total)	7,500 watts (single htr) 9,000 watts (single htr)	7,500 watts (single htr) 9,000 watts (single htr) 10,500 watts (single htr)	8,000 watts (dual htr) 10,000 watts (dual htr) 12,000 watts (dual htr)	15,000 watts (dual htr) 18,000 watts (dual htr) 21,000 watts (dual htr)	21,000 watts (dual htr)
Hose Heating Power	30 V, 70 V or 90 Volts	70 V, 90 V or 120 Volts	90 Volts	120 Volts	120 Volts
Max. Fluid Temp.	190 °F (87.7 °C)	190 °F (87.7 °C)	190 °F (87.7 °C)	190 °F (87.7 °C)	190 °F (87.7 °C)
Air Consumption @ 100 psi (6.9 bar)	15-20 scfm (425-567 L/min)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Main Voltage	1 x 220V, 50/60 Hz	1 x 220V, 60 Hz	1 x 220V, 60 Hz	1 x 220V, 60 Hz	Not Available
Electrical @ 220V Single Phase	45A-7,500W heater 52A-9,000W heater +4A for 90v trans	68A-7,500W heater 72A-10,500W heater 99A-14,000W heater +10A for 120V trans	71A-8,000W heaters 80A-10,000W heaters 89A-12,000W heaters	120A-15,000W heaters 133A-18,000W heaters 147A-21,000W heaters	Not Applicable
Main Voltage	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 208-230V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz
Electrical @ 220V Three Phase	26A-7,500W heater 30A-9,000W heater +3A for 90v trans	40A-7,500W heater 44A-9,000W heater 48A-10,500W heater 58A-14,000W heater +8A for 120V trans	42A-8,000W heaters 47A-10,000W heaters 57A-12,000W heaters	69A-15,000W heaters 77A-18,000W heaters 85A-21,000W heaters	98A-21,000W heaters
Dimensions	26.5" w x 38" d x 21.5" h (67cm x 97cm x 55cm)	44" w x 22" d x 54" h (111 cm x 55 cm x 137 cm)	40" w x 26" d x 52" h (101cm x 66cm x 132cm)	40" w x 26" d x 52" h (101cm x 66cm x 132cm)	40" w x 26" d x 52" h (101cm x 66cm x 132cm)
Weight	160 lbs (73.6 kg)	415 lbs (188.2 kg)	500 lbs (226.8 kg)	555 lbs (251.7 kg)	655 lbs (297.1 kg)

*Measured Using Mineral Oil

AP-3 Air Purge Gun



PX-7 Mechanical Purge Gun



AP-EX Extended Spray System



Reach new heights with the new PMC patent pending spray system.

Part #	Description
201076	AP-3 W/000 Mix/PCT-Pkg
201077	AP-3 W/00 Mix/PCT-Pkg
201078	AP-3 W/00X Mix/PCT-Pkg
201079	AP-3 W/01 Mix/PCT-Pkg
201080	AP-3 W/01X Mix/PCT-Pkg
201081	AP-3 W/02 Mix/PCT-Pkg
201082	AP-3 W/02X Mix/PCT-Pkg
201083	AP-3 W/03 Mix/PCT-Pkg
201084	AP-3 W/04 Mix/PCT-Pkg
201085	AP-3 W/05 Mix/PCT-Pkg
201086	AP-3 W/00 Mix/Flat PCT-Pkg
201087	AP-3 W/01 Mix/Flat PCT-Pkg
201088	AP-3 W/00 Mix/PCT Steel-Pkg
201089	AP-3 W/01 Mix/PCT Steel-Pkg
201090	AP-3 W/01X Mix/PCT Steel-Pkg
201091	AP-3 W/02 Mix/PCT Steel-Pkg

Part #	Description
200561	PX-7, 1/90, #1 Mod, #90 Tip PKG
200562	PX-7, 3/70, #3 Mod, #70 Tip PKG
200565	PX-7, 5/70, #5 Mod, #70 Tip PKG
200567	PX-7, 10/210, #10 Mod, #210 Tip PKG
200572	PX-7, A3, Pour Gun PKG
200573	PX-7, A5, Pour Gun PKG

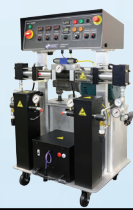


POLYURETHANE MACHINERY CORPORATION

Coatings Proportioners



Shown with Optional PBC

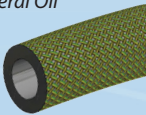


Model	PFX-1600	PHX-2	PHX-25	PHX-40	PHX-55
	<i>Pneumatic</i>	<i>Hydraulic</i>			
Output*	1.3 gal/min (4.92 liters/min)	1.7 gal/min (6.43 liters/min)	1.9 gal/min (7.19 liters/min)	2.8 gal/min (10.59 liters/min)	3.25 gal/min (12.3 liters/min)
Max. Working Pressure	3,000 psi (206 bar)	3,000 psi (206 bar)	3,000 psi (206 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)
Max. Hose Length	210 ft (64m) w/70V Trans 310 ft (94.5 m) w/90V Trans	210 ft (64 m) w/70V Trans 310 ft (94.5 m) w/90V Trans 410 ft (121.9 m) w/120V Trans	310 ft (94.5 m)	410 ft (121.9 m)	410 ft (121.9 m)
Heater Wattage (Total)	10,500 watts (single htr) 12,000 watts (single htr)	14,000 watts (single heater)	8,000 watts (dual htr) 10,000 watts (dual htr) 12,000 watts (dual htr)	15,000 watts (dual htr) 18,000 watts (dual htr) 21,000 watts (dual htr)	21,000 watts (dual htr)
Hose Heating Power	30 V, 70 V or 90 Volts	70 V, 90 V or 120 Volts	90 Volts	120 Volts	120 Volts
Max. Fluid Temp.	190 °F (87.7 °C)	190 °F (87.7 °C)	190 °F (87.7 °C)	190 °F (87.7 °C)	190 °F (87.7 °C)
Air Consumption @ 100 psi (6.9 bar)	15-20 scfm (425-567 L/min)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Main Voltage	1 x 220V, 50/60 Hz	1 x 220V, 50/60 Hz	1 x 220V, 50/60 Hz	1 x 220V, 50/60 Hz	Not Available
Electrical @ 220V Single Phase	58A-10,500W heater 65A-12,500W heater +5A for 90V Trans	106A-14,000W heater +10A for 120V Trans	71A-8,000W heaters 80A-10,000W heaters 98A-12,000W heaters	120A-15,000W heaters 133A-18,000W heaters	Not Applicable
Main Voltage	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz	3 x 220V, 50/60 Hz, 3 x 380V, 50/60 Hz
Electrical @ 220V Three Phase	40A-7,500W heater +5A for 120V Trans	62A-14,000W heater +5A for 120V Trans	42A-8,000W heaters 47A-10,000W heaters 52A-12,000W heaters	69A-15,000W heaters 77A-18,000W heaters 85A-21,000W heaters	98/107 amps @3 x 230V
Dimensions	26.5" w x 38" d x 21.5" h (67cm x 97cm x 55cm)	44" w x 22" d x 54" h (111 cm x 55 cm x 137 cm)	40" w x 26" d x 52" h (101cm x 66cm x 132cm)	40" w x 26" d x 52" h (101cm x 66cm x 132cm)	40" w x 26" d x 53.5" h (101cm x 66cm x 136cm)
Weight	160 lbs (73.6 kg)	415 lbs (188.2 kg)	500 lbs (226.8 kg)	555 lbs (251.7 kg)	655 lbs (297.1 kg)

* Measured Using Mineral Oil

Heated Hoses and Accessories

The unique 100% circumferential coverage produces the most uniform distribution of heat available and provides for an extra rugged construction.



Heated Hoses



Heated Whips



Replacement TC Harnesses



Scuff Jackets

Part #	Description	Working Pressure
Low Pressure Heated Hose Assemblies (W & W/O TC Cable)		
200005	3/8x50' Hose Asy, LP, No TC, W/Scuff	2,250 psi (155.13 bar)
200010	1/2x50' Hose Asy, LP, No TC	2,250 psi (155.13 bar)
200016	1/2x50' Hose Asy, LP, No TC, W/Scuff	2,250 psi (155.13 bar)
MA-00014A	3/8x50' Hose Asy, LP, No TC	2,250 psi (155.13 bar)
200006	3/8x50' Hose Asy, LP, W/TC, W/Scuff	2,250 psi (155.13 bar)
200011	1/2x50' Hose Asy, LP, W/TC	2,250 psi (155.13 bar)
200017	1/2x50' Hose Asy, LP, W/TC, W/Scuff	2,250 psi (155.13 bar)
MA-00014A-TC	3/8x50' Hose Asy, LP, W/TC	2,250 psi (155.13 bar)
Low Pressure Heated Hose Assemblies W/RTD		
200001	3/8x50' Hose Asy, LP, W/RTD	2,250 psi (155.13 bar)
200002	3/8x50' Hose Asy, LP, W/RTD, W/Scuff	2,250 psi (155.13 bar)
200012	1/2x50' Hose Asy, LP, W/RTD	2,250 psi (155.13 bar)
200018	1/2x50' Hose Asy, LP, W/RTD, W/Scuff	2,250 psi (155.13 bar)

Part #	Description	Working Pressure
High Pressure Heated Hose Assemblies (W & W/O TC Cable)		
200007	3/8x50' Hose Asy, HP, No TC, W/Scuff	3,500 psi (241.31 bar)
200013	1/2x50' Hose Asy, HP, No TC	3,500 psi (241.31 bar)
200019	1/2x50' Hose Asy, HP, No TC, W/Scuff	3,500 psi (241.31 bar)
MA-00039A	3/8x50' Hose Asy, HP, No TC	3,500 psi (241.31 bar)
200008	3/8x50' Hose Asy, HP, W/TC, W/Scuff	3,500 psi (241.31 bar)
200009	1/2x25' Hose Asy, HP, W/TC	3,500 psi (241.31 bar)
200014	1/2x50' Hose Asy, HP, W/TC	3,500 psi (241.31 bar)
200224	1/2x50' Hose Asy, HP, W/TC, W/Scuff	3,500 psi (241.31 bar)
MA-00039A-TC	3/8x50' HoseAsy,HP,W/TC	3,500 psi (241.31 bar)
High Pressure Heated Hose Assemblies W/RTD		
200003	3/8x50' Hose Asy, HP, W/RTD	3,500 psi (241.31 bar)
200004	3/8x50' Hose Asy, HP, W/RTD, W/Scuff	3,500 psi (241.31 bar)
200015	1/2x50' Hose Asy, HP, W/RTD	3,500 psi (241.31 bar)
200225	1/2x50' Hose Asy, HP, W/RTD, W/Scuff	3,500 psi (241.31 bar)
High Pressure Heated Whip Hose Assemblies		
MA-00040A	1/4x10' Whip Hose, HP, W/Scuff	3,500 psi (241.31 bar)
MA-00040A-25	1/4x25' Whip Hose, HP, W/Scuff	3,500 psi (241.31 bar)
MA-00040A-50	1/4x50' Whip Hose, HP, W/Scuff	3,500 psi (241.31 bar)



POLYURETHANE MACHINERY CORPORATION

Polyurethane Machinery Corporation (PMC) manufactures equipment and accessories for use in the Urethane Industry. All PMC high-quality products are proudly manufactured in the USA and designed and supported by skilled individuals with 100+ years of experience in the Urethane Industry. PMC target-engineers a complete product line for urethane spray systems including proportioning units, uniquely designed heated hose system, transfer pumps, spray guns and auxiliary equipment required by contractors to successfully and economically apply residential foam insulation, roofing, pour foam, Polyurea and Polyurea hybrid coatings.

At PMC, the service doesn't end with the sale. PMC provides outstanding sales and technical support through a worldwide distribution network.



PMC's Mobile Equipment Showroom



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