



**POLYURETHANE**  
MACHINERY CORPORATION

## PMC PRODUCT GUIDE

### SPRAY FOAM INSULATION & COATINGS EQUIPMENT



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**POLYMAC-USA.COM**



## WHY PMC?

### AMERICAN MADE

Polyurethane Machinery Corporation (PMC) is your source for all your residential and commercial spray foam insulation equipment needs. Our mission is to deliver the most durable, high-quality, American made polyurethane plural component processing equipment on the market. Coupled with outstanding service and expertise, PMC provides the best solutions for your needs.

**COMMITTED TO ACHIEVING YOUR GOALS**



## OUR PRODUCTS OUTPERFORM AND OUTLAST OUR COMPETITORS

### | Greater Performance

Our products are strategically designed to help your operation run smoothly. Experience less downtime and more profitability by choosing low maintenance, easy to operate PMC proportioners and guns.

### | 100% Guaranteed

PMC machines are constructed to exacting standards and are 100% guaranteed. From residential SPF insulation projects to high-volume commercial spray jobs, PMC machines provide the durability and dependability to complete the job.

### | Greater Value

With greater performance, strict attention to quality control, attractive pricing and low maintenance, PMC machines equate to a higher ROI.

## INNOVATIVE YET USER FRIENDLY

PMC proportioners are a perfect blend of innovation and user-friendly design, making them a top choice for professionals in the spray foam and coating industries. Our proportioners are engineered with precise technology to ensure consistent mixing of chemicals, which is crucial for optimal chemical system performance. Despite their advanced capabilities, PMC proportioners are designed for easy operation, featuring intuitive controls and clear interfaces that allow operators to quickly adjust settings and monitor performance. PMC's proportioners make it simple to achieve high-quality results, enhancing efficiency and reliability on every job.



**BUY THE BEST THE FIRST TIME.**

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# PMC'S NEWEST SPRAY FOAM EQUIPMENT

## THE FUTURE OF PLURAL COMPONENT PROPORTIONERS

### NEW SPECIAL FEATURES

**Remote access** proportioner from any web enabled device, without the need to download a specific app.

#### **PREMIER MACH 2**

This **Patent Pending** Machine Sprays 2Xs faster with two guns on one machine.

**User management and traceability** features allow owners to create unique user ID's or a generic user for each function, i.e. operator, tech support, owner.

**Digital display** ensures that ratio, temperature and pressures are accurate with user selectable setpoints for upper and lower limits.

**Reporting software** captures data in real time, and can be displayed on a graph for easy-to-see results. Reports can be emailed directly from the machine.

### TECHNICAL DATA



| MODEL                              | PREMIER                                     | PREMIER MACH 2<br>Patent Pending                                                        | PREMIER X                                    |
|------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|
| Max. Output*                       | 40 lbs/min<br>(18.14 kg/min)                | 40 lbs/min (18.14 kg/min)<br><i>* Supports up to two 02 or equivalent size Chambers</i> | 2.8 gal./min<br>(10.59 lt/min)               |
| Max. Pressure                      | 2,000 psi (138 bar)                         | 2,000 psi (138 bar)                                                                     | 3,500 psi (241 bar)                          |
| Max. Hose Length                   | 410 ft (125 m)                              | Output 1: 260 ft (79.25 m)<br>Output 2: 260 ft (79.25 m)                                | 410 ft (125 m)                               |
| Heater Wattage                     | 18,000 watts                                | 18,000 watts                                                                            | 21,000 watts                                 |
| Hose Heating Power                 | 120 V                                       | Dual 70 V Output Multitap                                                               | 120 V                                        |
| Max. Fluid Temp                    | 190 °F (87.7 °C)                            | 190 °F (87.7 °C)                                                                        | 190 °F (87.7 °C)                             |
| Main Voltage                       | 3 x 230V, 50/60 Hz                          | 3 x 230V, 50/60 Hz                                                                      | 3 x 230V, 50/60 Hz                           |
| Electrical @ 230V<br>(Three Phase) | 75 A-18,000 W htr                           | 81 A-18,000 W htr                                                                       | 83 A-18,000 W htr                            |
| Dimensions                         | 40"w x 30d x 55"h<br>(101cm x 76cm x 140cm) | 40"w x 30"d x 55"h<br>(101cm x 76cm x 140cm)                                            | 40"w x 30"d x 55"h<br>(101cm x 76cm x 140cm) |
| Weight<br>(w/o Hydr Fluid)         | 670 lbs (304kg)                             | 690 lbs (313 kg)                                                                        | 670 lbs (304 kg)                             |

\*Output measured with mineral oil

**PREMIER** is the most technologically advanced series in the PMC line-up

**DURABLE. RELIABLE. SMARTER.**

OUR PRODUCTS OUTPERFORM & OUTLAST OUR COMPETITORS



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# PMC EQUIPMENT FOR FOAM AND COATINGS

## LOW PRESSURE (2000PSI) SPRAY FOAM PROPORTIONERS

### TECHNICAL DATA



| MODEL                                       | PH-2                                                                        | PH-25                                                                        | PH-40                                                       | PH-55                                        | PK-25                                                         |
|---------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------|
| Max. Output*                                | 28 lbs/min<br>(12.70 kg/min)                                                | 29 lbs/min<br>(13.6 kg/min)                                                  | 40 lbs/min<br>(18.14 kg/min)                                | 55 lbs/min<br>(24.95 kg/min)                 | 28 lbs/min<br>(12.70 kg/min)<br><i>Pneumatic Proportioner</i> |
| Max. Pressure                               | 2,000 psi (138 bar)                                                         | 2,000 psi (138 bar)                                                          | 2,000 psi (138 bar)                                         | 2,500 psi (172 bar)                          | 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 (125 m) w/120V T | 310 ft (94.5 m) w/90V T<br>410 ft (125 m) w/120V T                           | 310 ft (94.5 m) w/90V T<br>410 ft (125 m) w/120V T          | 410 ft (125 m)<br>w/ 120V T                  | 210 ft (64 m)<br>w/ 70V T                                     |
| Heater Wattage                              | 7,500 watts<br>10,500 watts<br>14,000 watts                                 | 8,000 watts<br>10,000 watts<br>12,000 watts<br>15,000 watts                  | 15,000 watts<br>18,000 watts<br>21,000 watts                | 21,000 watts                                 | 7,500 watts                                                   |
| Max. Hose Heating Power                     | 120 V                                                                       | 120 V                                                                        | 120 V                                                       | 120 V                                        | 70 V                                                          |
| 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)                                              |
| Electrical @ 230 V,<br>60 Hz (Single Phase) | 57A-7,500 W htr<br>78A-10,500 W htr<br>93A-14,500 W htr                     | 71A-8,000 W htr<br>79A-10,000 W htr<br>88A-12,000 W htr<br>101A-15,000 W htr | 118A-15,000 W htr<br>131A-18,000 W htr<br>144A-21,000 W htr | NA                                           | 43A-7,500 W htr                                               |
| Electrical @ 230 V,<br>60 Hz (Three Phase)  | 33A-7,500 W htr<br>44A-10,500 W htr<br>53A-14,000 W htr                     | 43A-8,000 W htr<br>48A-10,000 W htr<br>53A-12,000 W htr<br>61A-15,000 W htr  | 70A-15,000 W htr<br>77A-18,000 W htr<br>85A-21,000 W htr    | 81A-21,000 W htr                             | 25A-7,500 W htr                                               |
| Air Requirement                             | NA                                                                          | NA                                                                           | NA                                                          | NA                                           | 15 - 20 SCFM @ 80-100 psi (5.5 - 7 bar)                       |
| Dimensions                                  | 36"w x 25"d x 55"h<br>(92cm x 64cm x 140cm)                                 | 40"w x 29"d x 52"h<br>(101cm x 74cm x 132cm)                                 | 40"w x 29"d x 52"h<br>(101cm x 74cm x 132cm)                | 40"w x 29"d x 52"h<br>(101cm x 74cm x 132cm) | 26"w x 25"d x 48"h<br>(66cm x 64cm x 122cm)                   |
| Weight<br>(w/o Hydr Fluid)                  | 415 lbs (188.2 kg)                                                          | 500 lbs (227 kg)                                                             | 550 lbs (249.5 kg)                                          | 655 lbs (297.1 kg)                           | 300 lbs (136 kg)                                              |

\*Output measured with mineral oil

Some series are also available in 380 Voltage-Call for specs!

# PMC EQUIPMENT FOR FOAM AND COATINGS

## HIGH PRESSURE (3000PSI) SPRAY FOAM PROPORTIONERS

### TECHNICAL DATA



| MODEL                                    | PHX-2                                                                       | PHX-25                                                                       | PHX-40                                                      | PHX-55                                       | PKX-25                                                            |
|------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------|
| Max. Output*                             | 1.7 gal/min<br>(6.43 liters/min)                                            | 1.9 gal/min<br>(7.19 liters/min)                                             | 2.8 gal/min<br>(10.59 liters/min)                           | 3.25 gal/min<br>(12.3 liters/min)            | 1.7 gal/min<br>(6.43 liters/min)<br><i>Pneumatic Proportioner</i> |
| Max. Pressure                            | 3,000 psi (206 bar)                                                         | 3,000 psi (206 bar)                                                          | 3,500 psi (241 bar)                                         | 3,500 psi (241 bar)                          | 3,000 psi (206 bar)                                               |
| Max. Hose Length                         | 210 ft (64 m) w/70V T<br>310 ft (94.5 m) w/90V T<br>410 ft (125 m) w/120V T | 310 ft (94.5 m) w/90V T<br>410 ft (125 m) w/120V T                           | 310 ft (94.5 m) w/90V T<br>410 ft (125 m) w/120V T          | 410 ft (125 m) w/120V T                      | 210 ft (64 m) w/70V T                                             |
| Heater Wattage                           | 10,500 watts<br>14,000 watts                                                | 10,000 watts<br>12,000 watts<br>15,000 watts                                 | 15,000 watts<br>18,000 watts<br>21,000 watts                | 21,000 watts                                 | 10,500 watts                                                      |
| Max Hose Heating Power                   | 120 V                                                                       | 120 V                                                                        | 120 V                                                       | 120 V                                        | 70 V                                                              |
| 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)                                                  |
| Electrical @ 230 V, 60 Hz (Single Phase) | 90A-10,500 W htr<br>98A-14,500 W htr                                        | 71A-8,000 W htr<br>79A-10,000 W htr<br>88A-12,000 W htr<br>101A-15,000 W htr | 118A-15,000 W htr<br>131A-18,000 W htr<br>144A-21,000 W htr | NA                                           | 54A-10,500 W htr                                                  |
| Electrical @ 230 V, 60 Hz (Three Phase)  | 53A-10,500 W htr<br>62A-14,000 W htr                                        | 43A-8,000 W htr<br>48A-10,000 W htr<br>53A-12,000 W htr<br>61A-15,000 W htr  | 70A-15,000 W htr<br>77A-18,000 W htr<br>85A-21,000 W htr    | 81A-21,000 W htr                             | 31A-10,500 W htr                                                  |
| Air Requirement                          | NA                                                                          | NA                                                                           | NA                                                          | NA                                           | 15 - 20 SCFM @ 80-100 psi (5.5 - 7 bar)                           |
| Dimensions                               | 36"w x 25"d x 55"h<br>(92cm x 64cm x 140cm)                                 | 40"w x 29"d x 52"h<br>(101cm x 74cm x 132cm)                                 | 40"w x 29"d x 52"h<br>(101cm x 74cm x 132cm)                | 40"w x 29"d x 52"h<br>(101cm x 74cm x 132cm) | 26"w x 25"d x 48"h<br>(66cm x 64cm x 122cm)                       |
| Weight (w/o Hydr Fluid)                  | 415 lbs (188.2 kg)                                                          | 500 lbs (227 kg)                                                             | 550 lbs (249.5 kg)                                          | 655 lbs (297.1 kg)                           | 300 lbs (136 kg)                                                  |

\*Output measured with mineral oil

Some series are also available in 380 Voltage-Call for specs!

# PMC SPRAY GUNS

## AIR PURGE SPRAY GUNS

### TECHNICAL DATA



| MODEL                       | XTREME SPRAY GUN                                    |                           |
|-----------------------------|-----------------------------------------------------|---------------------------|
| Weight (w/o coupling block) | 2.4 lbs (1.1 kg)<br>Aluminum                        | 2.8 lbs (1.3 kg)<br>Steel |
| Weight (w/coupling block)   | 3.1 lbs (1.4 kg)<br>Aluminum                        | 3.5 lbs (1.6 kg)<br>Steel |
| Max. Working Pressure       | 3,500 psi (245 bar)                                 |                           |
| Operating Air Pressure      | 90 - 125 psi (6.2 - 8.6 bar)                        |                           |
| Max. Production (1:1 Ratio) | 50 lbs/min (22.7 kg/min)                            |                           |
| Min. Production (1:1 Ratio) | 3.1 lbs/min (1.55 kg/min)                           |                           |
| Dimensions                  | 7.1"h x 3.4"w x 7.5" l<br>(18.1cm x 8.7cm x 18.9cm) |                           |

## MECHANICAL PURGE SPRAY GUN

### TECHNICAL DATA



| MODEL                       | PX-7 MECHANICAL PURGE GUN                 |
|-----------------------------|-------------------------------------------|
| Weight (w/o coupling block) | 4.3 lbs (1.95 kg)                         |
| Weight (w/coupling block)   | 5.0 lbs (2.27 kg)                         |
| Max. Working Pressure       | 3,500 psi (245 bar)                       |
| Operating Air Pressure      | 90 - 125 psi (6.2 - 8.6 bar)              |
| Max. Production (1:1 Ratio) | 50 lbs/min (22.7 kg/min)                  |
| Min. Production (1:1 Ratio) | 3.3 lbs/min (1.5 kg/min)                  |
| Dimensions                  | 8"h x 4"w x 9"l<br>(20.3cm x 10cm x 23cm) |

## ORDERING INFORMATION

| PART #.....             | DESCRIPTION                       |
|-------------------------|-----------------------------------|
| <b>XTREME SPRAY GUN</b> |                                   |
| 202718.....             | Xtreme W/00 Chamber/PCT-Pkg       |
| 202719.....             | Xtreme W/00 Chamber/PCT-Pkg Steel |
| 202724.....             | Xtreme W/01 Chamber/PCT-Pkg       |
| 202725.....             | Xtreme W/01 Chamber/PCT-Pkg Steel |
| 202728.....             | Xtreme W/02 Chamber/PCT-Pkg       |
| 202729.....             | Xtreme W/02 Chamber/PCT-Pkg Steel |
| 202757.....             | Complete Xtreme Gun Rebuild Kit   |
| 202454.....             | Engineered Resin Side Seals       |
| GU-814-DP-(xx).....     | Diamond Plated Mixing Chamber     |



## ORDERING INFORMATION

| PART #.....                       | DESCRIPTION                      |
|-----------------------------------|----------------------------------|
| <b>PX-7 Complete Gun Packages</b> |                                  |
| 201100.....                       | PX-7,10/TP100,#10 Mod,TP Tip PKG |
| 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     |
| 200572.....                       | PX-7,A3, Pour Gun PKG            |
| 200573.....                       | PX-7, A5, Pour Gun PKG           |

### PX-7 Common Spare Parts

|             |                                |
|-------------|--------------------------------|
| 200720..... | PX-7 Slab Jack Starter Kit     |
| 200558..... | Module Kit, A3, PX-7(W/Drills) |



Part #200216  
Solvent Flush Kit Quart, AP



Part #200426  
Solvent Flush Kit. 2.5 Gal

# PMC HEATED HOSES AND ACCESSORIES

## HIGH AND LOW PRESSURE HEATED HOSES

**Unique heated hose system:** PMC's unique heated hose system design features a copper weave element to provide full hose coverage for more efficient heating.

## HIGH PRESSURE WHIP HOSES

**Improved whip design:** PMC's whip hoses offer a robust construction that provides increased reliability during prolonged operation.

### ORDERING INFORMATION

**PART #..... DESCRIPTION WORKING PRESSURE**

#### **I LOW PRESSURE HEATED HOSE ASSEMBLIES (W & W/O TC Cable)**

|                |                                         |                     |
|----------------|-----------------------------------------|---------------------|
| 200005.....    | 3/8x50' Hose Asy, LP, No TC, W/Scuff    | 2,250 psi (155 bar) |
| 200006.....    | 3/8x50' Hose Asy, LP, W/TC, W/Scuff     | 2,250 psi (155 bar) |
| 200010.....    | 1/2x50' Hose Asy, LP, No TC             | 2,250 psi (155 bar) |
| 200011.....    | 1/2x50' Hose Asy, LP, W/TC              | 2,250 psi (155 bar) |
| 200016.....    | 1/2x50' Hose Asy, LP, No TC, W/Scuff    | 2,250 psi (155 bar) |
| 200017.....    | 1/2x50' Hose Asy, LP, W/TC, W/Scuff     | 2,250 psi (155 bar) |
| MA-00014A-TC.. | 3/8x50' Hose Asy, LP, W/TC              | 2,250 psi (155 bar) |
| MA-00014A..... | 3/8x50' Hose Asy, LP, No TC             | 2,250 psi (155 bar) |
| 202459.....    | 3/8inx100' Hose Asy, LP, No TC, W/Scuff | 2,250 psi (155 bar) |
| 202460.....    | 3/8inx100' Hose Asy, LP, W/TC, W/Scuff  | 2,250 psi (155 bar) |
| 202461.....    | 1/2inx100' Hose Asy, LP, W/TC, W/Scuff  | 2,250 psi (155 bar) |
| 202585.....    | 3/8inx100' Hose Asy, LP, RTD, W/Scuff   | 2,250 psi (155 bar) |
| 202633.....    | 3/8inx100' Hose Asy, LP, W/TC           | 2,250 psi (155 bar) |

#### **I HIGH PRESSURE HEATED HOSE ASSEMBLIES (W & W/O TC CABLE)**

|                |                                       |                     |
|----------------|---------------------------------------|---------------------|
| 200007.....    | 3/8x50' Hose Asy, HP, No TC, W/Scuff  | 3,500 psi (241 bar) |
| 200008.....    | 3/8x50' Hose Asy, HP, W/TC, W/Scuff   | 3,500 psi (241 bar) |
| MA-00039A..... | 3/8x50' Hose Asy, HP, No TC           | 3,500 psi (241 bar) |
| MA-00039A-TC.. | 3/8x50' Hose Asy, HP, W/TC            | 3,500 psi (241 bar) |
| 200009.....    | 1/2x25' Hose Asy, HP, W/TC            | 3,500 psi (241 bar) |
| 200013.....    | 1/2x50' Hose Asy, HP, No TC           | 3,500 psi (241 bar) |
| 200014.....    | 1/2x50' Hose Asy, HP, W/TC            | 3,500 psi (241 bar) |
| 200019.....    | 1/2x50' Hose Asy, HP, No TC, W/Scuff  | 3,500 psi (241 bar) |
| 200224.....    | 1/2x50' Hose Asy, HP, W/TC, W/Scuff   | 3,500 psi (241 bar) |
| 202159.....    | 1/4x100' Hose Asy, HP, W/TC           | 3,500 psi (241 bar) |
| 202316.....    | 1/4x100' Hose Asy, HP, No TC, W/Scuff | 3,500 psi (241 bar) |
| 202644.....    | 3/8x100' Hose Asy, HP, W/TC, W/Scuff  | 3,500 psi (241 bar) |

#### **I HIGH PRESSURE WHIP HOSE ASSEMBLIES**

|                |                                |                     |
|----------------|--------------------------------|---------------------|
| MA-00040A..... | 1/4x10' Whip Hose, HP, W/Scuff | 3,500 psi (241 bar) |
| MA-00040A-25.. | 1/4x25' Whip Hose, HP, W/Scuff | 3,500 psi (241 bar) |
| MA-41.....     | 30" SS Unheated Whip           | 3,000 psi (207 bar) |



**HEATED HOSES**



**HEATED WHIPS**



**REPLACEMENT  
TC HARNESSES**



**SCUFF JACKETS**



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