

# **M-Power™**

## **MPF-20 / MPFC-30 PROPORTIONER**

### **THE PRODUCT:**

The MPF-20 is a low pressure spray foam system capable of spraying polyurethane foam while running on 110 volts. Optional 220 volt high wattage system (MPFC-30) available for even faster warm-up and spraying of high viscosity polyureas/coatings. Utilizing a unique hydro heating system, full time/full system material re-circulation and built in solvent flush allows for faster setup, installation, and clean up. Automatic heat and re-circulation systems ensure your material will be the right temperature at the gun at all times to get optimal yield. Built on caster and solid rubber wheels, the MPF-20 is less than 24" wide to fit through any doorway. This 240lb Proportioner unit is easily managed by a 1 or 2 man

### **THE ADVANTAGE:**

Low pressure spray foam systems have an advantage in the competitive market today, cost savings being the most notable. Easy portability of the MPF-20 will allow you to install spray foam in most applications that high pressure foam installers would pass over, yet the MPF-20 has enough power and output to handle full-scale jobs easily. Ideal for contractors looking to maximize profits or current spray foam installers trying to expand their services. The rig is designed for direct installation from multiple sized kegs without the need for transfer pumps. Material can be sprayed directly from 5 gallon pails, 15 gallon pony kegs and 55 gallon drums. The MPF-20 is built with easy maintenance in mind, with drastically lower repair costs than leading equipment.

### **THE PRICE:**

FOR UNDER \$22,000 you will have a fully operational ready-to-spray foam business. When you purchase your rig you'll receive hands on training in the field with your machine as well as access to maintenance and troubleshooting questions. All rigs come with a 1 year warranty. To DIY and just purchase the complete M-Power machine, gun & 50' of hose \$14,000 is all you need to get rolling.



(518) 852-2812

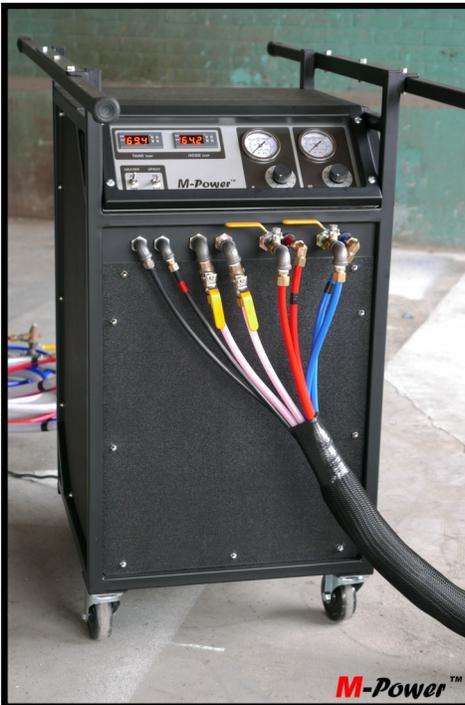
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## MPF-20 / MPFC-30 PROPORTIONER

### QUICK SPECS:

Output Flow Rate	2.0 GPM
Max Pressure	400PSI
Power Requirement	2x 15amp 110v -or- 1x 30Amp 220v
Heater Power	1500watt -or- 3800watt
Size/Weight	23.5"W x 30.5"D x 41"H / 240lb + Hose



# **M-Power™**

## **MPF-20 / MPFC-30 PROPORTIONER**

### **FULL SPECIFICATIONS:**

<b>Maximum Flow Rate</b>	0 - 2.0 GPM total volumetric flow - 1.0 GPM per material. *Measured at hose connection with material viscosity of 40cP @ 70° F
<b>Maximum Pressure</b>	400 PSI (Normal operation should not trigger pressure switches repeatedly.)
<b>Ratio and Ratio Calibration</b>	Infinitely Variable Ratio, from 1:0 to 0:1.
<b>Recirculation</b>	Full material system recirculation: Drum to spray gun and back to drum.
<b>Power Requirements</b>	MPF-20: 2x 15Amp 110v/60hz circuits. (2x NEMA 5-15 Plugs) ( MPF-20 Requires 2 separate, dedicated 15 Amp Circuits) MPFC-30: 1x 30 Amp 220v/60hz circuit. (NEMA L14-30 Plug) (50hz available, additional cost and lead time apply)
<b>Maximum Output Temp</b>	Dependent on ambient temp and allowed heat-up time. Output reaches 160° F at manufacturer.
<b>Heater Power</b>	MPF-20: 1500watt / MPFC-30: 3800watt
<b>Heater Type</b>	Circulated heated transfer fluid with pre-heaters and hose heater.
<b>Heater Fluid Type</b>	General Purpose RV/Marine Antifreeze. Propylene Glycol (non-toxic) based, can be replaced with Ethylene Glycol based antifreeze at owners discretion.
<b>Heater Fluid Capacity</b>	Machine: (approx.) . 1.5 Gallons. Hose: (approx.) .6 Gal per 50ft of Hose.
<b>Heater Fluid Freeze Temp</b>	(approx.) -50° F (Fluid may become “slushy” and require additional warm-up time below 0° F)
<b>Hose Markings</b>	<b>A-Side: Red / B-Side: Blue</b>
<b>Hose Connections - Hose</b>	1/2” O.D. (3/8” I.D.) Compression Fittings
<b>Hose Connections - Drum</b>	7/8” Male Barb Fittings (Machine kit includes “dip tube” connections, which allow connecting to almost any drum/barrel type.) Max dip tube hose length: 10ft. No Feeder Pumps Required.
<b>Dimensions / Weight</b> (Weights are approximate and subject to variance)	Without Removable Handlebars: 23.5”W x 30.5”D x 41”H With Removable Handlebars: 23.5”W x 52”D x 41”H Machine Only: 240lbs Hose: 7lbs per 10ft when filled. Gun: 5lbs. 10ft Dip Tube connections: 22lbs when filled.
<b>Recirculating Hose / Max</b>	50ft or 100ft hose available. Max hose length for Foam: 100ft. Max hose length for high viscosity Polyurea: 50ft.



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