

# Mighty-Mite™

*Lightweight in stature. Muscular in performance.*

## MIGHTY-MITE FEATURES

- Standard 115 Volts, 15 Amp service
- Electric and air operation means no need for an industrial sized compressor
- Pump retract position and grease fittings to maintain longer pump packing life
- Two point temperature readout
- Recirculation valves for temperature control
- Service friendly pump ball checks
- Lightweight aluminum frame and lifting shackle maximizes mobility
- 30 ft. of lightweight flexible hose
- 3-gallon stainless steel tanks
- Gusmer hybrid heater



Construction



Roof Repair



Insulation



Coatings



**GUSMER®**  
TOUGH UNDER PRESSURE

## Technical Data

# Mighty-Mite

	U.S.	Metric
Outputs up to:	7 lbs/min*	3.17 kg/min
Maximum Rated Pressure:	1500 psi	120.5 bar
Viscosity:	250-1500 cps	250-1500 cps
Air Requirements:	9 scfm max @ 50-120 psi	.25 cubic meters/min. 8.3 bar
Weight:	126 lbs	57 Kg
Actual Dimensions:	H=48 in/ W=22 in / D=35 in	H=122 cm/ W=56 cm/ D=64 cm
Electrical:	15 amps @ 120 volts; 60 Hz single-phase, AC	

\* Depending on viscosity



## Standard Features

**Metering Pumps:** The Mighty-Mite is equipped with positive displacement, double acting piston pumps. Hard chrome plated piston rods and nickel plated cylinder bore provide the most reliable pumping system available. Internal piston packing set has a self-adjusting take-up to reduce shaft weepage.

**Air Motor:** A 3" (7.6 cm) double acting cylinder, with self-actuating control. That alternates the supply of air to each end of the cylinder, drives the metering pumps. Rated operating pressure is variable from 50 to 120 psi (3.5- 8.3 Bar). Air pressure to hydraulic pressure ratio is 16:1.

**Externally Accessible Valve Balls:** Innovative pump design and an external integral pump base with special valve ball sizing allows for tighter, smoother pump reversal with virtually no pressure reduction. Readily accessible valve balls eliminate the need to completely dismantle the metering pump for service.

**Pump Retract:** Only on Gusmer equipment, this switch automatically positions the Isocyanate pump shaft completely within the cylinder to prevent contamination from moisture and provide longer pump packing life.

**In-Line Filters:** Easily accessible filters protect valve balls and gun components from malfunction due to contamination or particulate matter in the chemical system.

**Manual Recirculation:** When not dispensing the machine can be manually set to run at low speed, circulating the chemical through the system to maintain operating temperature when machine is in idle.

**Insulated Stainless Steel Tanks:** (2) 3 gallon (11.36 liter) tanks designed for easy chemical access.

**Completely Mobile:** The lightweight, compact design of the Mighty-Might unit includes:

- Oversized pneumatic tires designed for easy maneuverability around the job site.
- Lifting shackle to compensate for load variances (full, partial or empty tanks).
- Dual purpose handles for easy maneuverability and hose storage.

MM Standard Packages:

Mighty-Mite  
Recirculating GAP Gun Package  
Round Tip  
Tool Kit  
Manual & Parts ID

Mighty-Mite  
Recirculating D Gun Package  
55 Chamber  
Tool Kit  
Manual & Parts ID

## Optional Features

**Air Dryer:** Provides a protective blanket of dry air in the material drums, tanks or totes. This dry air blanket protects sensitive chemical systems from contamination due to the natural level of moisture in the air and maintains blowing agents in systems where high ambient temperatures are encountered.

WARNING: The equipment described herein must only be operated or serviced by properly trained individuals, thoroughly familiar with the operating instructions and limitations of the equipment.

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NOTE: All standard and service specifications identified on this GUSMER technical sales flyer are based on U.S. standards.

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