

Dual Proportioner

DP-1000 DUAL PROPORTIONER SYSTEM



- **Superior Handling of Multiple Ratios**
- **Various Material Processes**
- **Smooth, Steady Material Delivery**
- **Preset Variable Ratios**



Dual Proportioner

DP-1000



The Magnum Venus Plastech DP-1000 Dual Proportioner Epoxy/Hybrid Unit is the industry leader in precise, versatile internal mix technology applications for the FRP industry. This unit beats the competition in its versatility and superior technology for reliability and precision metering.

The DP-1000 is the best choice for materials metered at ratios between 1:1 to 4:1, or optionally of 2:1 to 8:1.

This unit processes various polyurethanes, hybrids and virtually any thermoset material that can be blended by static mixing and heat application.

Pressurized accumulators maintain fluid pressures at pump reversal for a steady delivery of material without surging or pulsing.

The dual rocking pump on the DP-1000 allows for presetting of continuously variable ratios. To change ratios, the operator simply turns a lead-screw to reset the stroke distance of the hardener pump. Safety override valve is standard with this unit.

Specifications:

OUTPUT CAPABILITIES: approx. 5 to 30 lbs.
(1.4 to 13.6 kg) per min.)
depending on material viscosity

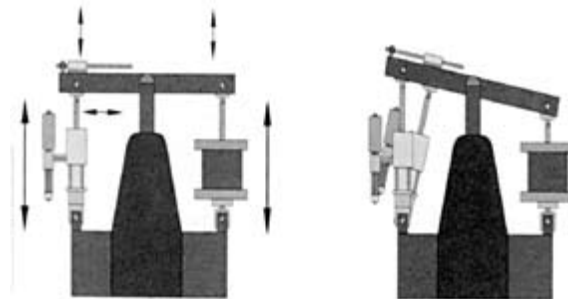
AIR REQUIREMENTS: 14 CFM (0.4 m) @ 100 psi
(7 kg/cm²); 18 CFM with Chopper

PUMPING RATIOS: 1:1 to 4:1 or 2:1 to 8:1
hardener by volume; or fixed 1:1

OPERATING PRESSURE:..... 30 psi to 80 psi,
depending on material viscosity

HOSE LENGTH:..... 28 ft. (standard)

ELECTRICAL REQUIREMENTS
(on Optional Heaters):
230 volts @ 10 amps, each heater



- **Superior handling of multiple ratios**
- **Various material processes: Spray, Pour, RTM**
- **Smooth, steady delivery of material**
- **Preset variable ratios**

Call today to see how the DP-1000 can improve your production!



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