



GMP Geothermal Mixer and Pump

EASE OF OPERATION

Twin hydraulic pumps are used to allow full speed control and balance the system for continuous pumping.

DISCHARGE PUMP

Low maintenance hydraulic pump progressive cavity type. Able to pump sand mixes for either cement based grouts or bentonite thermally enhanced grout for geothermal loop installation.

PUMPING CAPABILITIES

The GMP can continuously pump up to 45 gallons per minute of product at pressures up to 150 psi, depending on the product that is being pumped. A 300 foot 4.75 inch bore hole for geothermal will take six to seven minutes to grout.

COLLOIDAL MIXING SYSTEM

The 65 gallon colloidal mixing system is fully speed controllable. It can be slowed for thorough mixing whilst reducing shear action. This allows a bentonite mix to fully hydrate in the bore and not in the tanks. The high speed stops solids from settling to the bottom of the tank. Reducing the risk of clogging up like paddle mixers. For cementitious grouts full speed can be used where needed.

55 GALLON PUMPING HOPPER

The GMP hopper is designed to allow continuous operation. Mixing and pumping at the same time. The tank can hold 5 bags of neat cement.

SKID FRAME

The sturdy skid frame allows the unit to be mounted to a trailer, the bed of a truck or used directly on the ground. Fork pockets are included to simplify loading.

WATER TANK

A metered water tank is fitted to rapidly charge the main tank. No more buckets or waiting. This reduces mix time and keeps the mix consistent. The water volume can be adjusted up to 22 gallons.

SPECIFICATIONS

DIMENSIONS

H = 61"
W = 54"
L = 60"
Weight = 890 lbs.

ENGINE

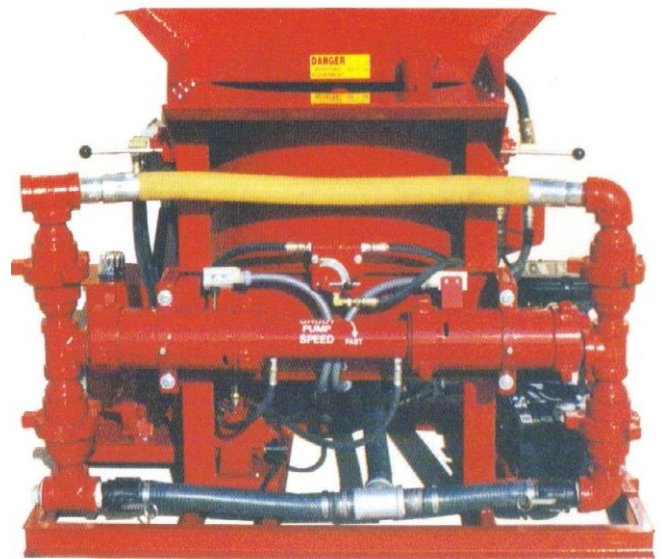
Honda 24 HP Electric Start
Fuel Tank Capacity - 1 ½ gal.

HYDRAULIC SYSTEM

2000 psi
Hydraulic Reservoir - 40 gal.
Level Gauge
Filtration - 10 micron, spin-on element.

HYDRAULIC SYSTEM

Hydraulic Oil cooler for continuous operation.



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