

MX125

Modular Mixing System



Efficient Mixing with the MX125

In an expansion of its efficient drilling fluid supply systems for horizontal directional drilling operations, Vermeer Manufacturing Company has introduced the MX125 Modular Drilling Fluid Mixing System. The MX125 is designed for efficient mixing of drilling fluid for small-diameter, short-distance HDD applications to supply the D7x11A, D10x15, D16x20A and D18x22 NAVIGATOR® HDD machines.

The modular design of the MX125 provides separate components that allow for a variety of different mounting configurations to meet the specific needs of HDD operations. Primary components consist of a power pack equipped with a gas engine, centrifugal pump and venturi mixing hopper. The molded tank and power pack attaches directly to a support bed for convenient operation and transport.

The new drilling fluid system's 5.5 HP (4.1 kw) Briggs & Stratton gas engine supports a 500-gallon mixing tank (1900 L). The fluid system has the capacity to mix and deliver up to 125 gpm (473 L/min) of typical drilling fluid to the drill.

The new drilling fluid mixing system has multiple shear points and high horsepower for excellent yield times. The MX125 uses a venturi hopper to provide initial mixing of drilling fluid additives. Strategically placed roll jets then roll the contents of each individual tank to complete the mixing process.

Power Pack

Length: 31" (79 cm)
Width: 30" (76 cm)
Height: 47" (119 cm)
Weight: 330 lb (150 kg)
Fuel Capacity: 5 gal (19 L)
Pump Type: Monarch 3" Grease Seal Pump
Mixing Action: Venturi/ Recirculation
Integrated Mixing Hopper: Yes
Anti-Freeze Capacity: 5 gal (19 L)

Engine Options

Gas: Briggs and Stratton
Gross Horsepower: 5.5 hp (4.1 kw)
Diesel: Lambardini
Gross Horsepower: 6hp

500 Gallon Tank Option

Length: 84" (213 cm)
Width: 39" (99 cm)
Height: 76" (193 cm)
Mixing Jets: 3 In-Line Eductor Nozzles
Weight: 630 lb (286 kg), empty

300 Gallon Tank Option (round)

Length: 72" (183 cm)
Width: 38" (97 cm)
Height: 52" (132 cm)
Mixing Jets: 3 In-Line Eductor Nozzles
Weight: 600 lb (272 kg), empty

Supply Hoses

2": D7x11(A), D10x15, D16x20(A), D18x22

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