2325B/D - 2325B/E Bentonite & Lubrication Pump

Part No. FA48800F (2325B/D), FA48835F (2325B/E)

• Designed For Bentonite & Lubrication Applications For Various Tunneling Operations •
• Pumping Fluid Mixtures Up To 50 Marsh Funnel Seconds •
• Capable Of 6, 10 or 16 GPM Fluid Pressure Output •

FEATURES
• Pumping capabilities of water, water with polymer and bentonite up to 50 seconds (Marsh Funnel).
• Bulkhead connections for pressure and return lines.
• Aggressive in-tank agitators keeps mixture blended in tanks.
• Open/close valve at each tank outlet.
• Independent pump operations or use in combination allows 6, 10 or 16 gpm fluid pressure output for various tunneling operations including GBM, pipe jacking/tunneling and microtunneling.
• Pump supply from each or both tanks, utilizing the tank and bypass valves, allows pumping from one tank and mixing in the other tank, or pump supply from both tanks.
• In-line suction strainers to help prevent debris from entering supply pumps.
• Model 2325B/E is equipped with 100 ft. (30.5 m), 4 GA electric power cable for connecting to 480VAC/3 phase power supply.

SPECIFICATIONS
Dimensions:

- Height ......................... 64 in. (1,067 mm)
- Width ......................... 86.75 in. (2,540 mm)
- Length ......................... 93 in. (2,540 mm)
- Weight (empty tanks)... 3,150 lbs. (1,429 kg)
  (full tanks)... 8,300 lbs. (3,765 kg)

Power Unit:
- Diesel Engine @ 3,000 rpm...30 HP (22.5 kW)
- Electric Motor @ 1,750 rpm...30 HP (22.5 kW)

Drive System ................................. Direct Drive

Agitator (per tank) .......................... Hydraulic-Driven, In-Tank

Pump Flow:
- Pump 1* ......................... 6 gpm (22.7 L/min)
- Pump 2* ......................... 10 gpm (37.9 L/min)
- Pressure Rating* ............ 2,500 psi (17,237 kPa)
- Capability .............. solution up to 50 seconds (MF)
  MF - Marsh Funnel

Fluid Capacities
- Tank ............................... Two, 325 gal (1,230 L)
- Hydraulic Reservoir .......... 25 gal (94.6 L)

* Maximum
Pump/Mixer Selection Controls

Two 325 gallon (1,230 L) tanks for bentonite and lubricant. Large opening for ease of filling.

Control Panel and Main Power Disconnect Switch (2325B/E)

Hydraulic Reservoir 25 gal (94.6 L) With Sight Gauge

Hydraulic Oil Cooler

Hydraulic Filter (10 micron) With Indicator Gauge

Supply & Bypass Shutoff Valves With In-Line Suction Tank Strainers

6 gpm Piston Pump (Left) & 10 gpm Piston Pump (Right) @ 2,500 psi Maximum

Diesel Engine (2325B/D)
30 HP (22.5 kW)

Electric Motor (2325B/E)
30 HP (22.5 kW)

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