

Power Pack - P275T



Part No. FA40033F

- Provides Hydraulic Power To Operate Jacking Frame •
- Remote Pendant For In-Shaft Operation Control •



FEATURES

- Assembly comes complete with the GBM P275T Power Pack, remote control pendant, 50 foot hydraulic hose set to connect hoses from the power pack to the GBM 4812A jacking frame, & standard tooling for pilot tube installation.
- Standard tooling includes: pilot tube breakout tool, pilot tube scraper, pilot tube to reaming head adapter, steering head kit, guidance system, theodolite shaft stand, wrench set, and launch shaft breakout tool.
- Access doors on one end for engine access and tooling storage area.
- Powered by a six cylinder, liquid cooled, 275 HP diesel engine.
- Three load sense, variable volume piston pumps provide smooth efficient operation.
- Remote control pendant with 50 feet of cable controls the engine functions in shaft.
- Hydraulic hoses are stored on hose reels for ease of hose routing to jacking frame.
- Quick coupler connections with lock for easy and secure hydraulic hoses at jacking frame.
- The 50 gpm cooling circuit maintains hydraulic oil at low operating temperatures.
- Hydraulic pressure gauges for monitoring jacking and rotation (auger drive & PCH cutter bit) systems pressure.
- Sound insulation provides a low decibel noise level (75 dB).

SPECIFICATIONS

Dimensions

Height 96 in. (2,438 mm)
 Width 83.75 in. (2,127 mm)
 Length 107.5 in. (2,731 mm)

Weight 12,500 lbs. (5,670 kg)

Fluid Capacities

Fuel Tank 275 gal (1,041 L)
 Hydraulic Reservoir 80 gal (303 L)

Power Unit

Six Cylinder Diesel Engine 275 HP (205 kW)

Pumps

Variable Piston

Jacking 0 to 26 gpm (0 to 98 L/min)

Rotation: Auger

..... 0 to 60 gpm (0 to 227 L/min)

Rotation: PCH Cutter Bit

..... 0 to 50 gpm (0 to 189 L/min)

Operating Pressure (Maximum)

Rotation 5,000 psi (34.475 mPa)

Jacking 6,000 psi (41.368 mPa)

Gear Pump (Cooling) ... 50 gpm (189 L/min)

Breakout Tool

Breaking Torque 12,000 ft-lbs (16,272 N•m)

Power Source 110 VAC

Pilot Tube/Reaming Head Adapter

..... 4.15" OD x 3" ID Hex Core x 5" OD



Tooling Storage Area



80 Gallon (303 L) Hydraulic Reservoir
The hydraulic reservoir includes an oil level and oil temperature gauges.



Filtered Hydraulic Return Oil With Indicator



Six Cylinder, 275 HP Diesel Engine



The remote pendant contains the engine tachometer, hourmeter, engine oil pressure gauge, water temperature gauge, electronic engine speed control, and ignition switch.



Hose Reels For Ease Of Hose Management



Suction Line Hydraulic Shutoffs With Integral Engine Starting Circuit



Pilot tube breakout tool is used in the reception shaft to loosen the pilot tube joints.