



## New! Tri-plex 600GPM Pump with Rated Capacity of 600 US gallons (2,067 L) / minute

### Caterpillar C-15 Tier III diesel engine

*\*Tier III or Tier 4i determined by country of purchase*

### Stand-alone, self-powered and compatible with any drill brand

### Optional Quiet Pak

#### Performance Specifications

##### Power Train

Engine: Caterpillar© C-15 Tier III Diesel

*\*Tier III or Tier 4i determined by country of purchase*

Rating: 475 HP (354 kW)

Max. Speed: 2100 RPM

**Noise Rating: 1 Meter Distance 104 dB(A)**

3 Meter Distance 95 dB(A)

Fuel Capacity: 300 U.S. Gallons (1,136 L)

Transmission: Eaton-FRO-16210B, 10 Speed

Clutch: 15.5 in. (394 mm) Twin Disk

Battery: (2) Deka 908DMF 12V,1450 CCA

##### Controls

Remote Controls: Mud Pump Throttle, Mud Pump Start/Stop,

##### Pump

Pump Design: Tri-plex 600GPM

Rated Capacity: 600 U.S.Gallons (2,067 L)/min.

Bore x Stroke: 6 x 6 in. (152.4 x 152.4 mm)

Max. Pressure: 1,505psi (1043 bar)

(\*Note: Pump Capacity will Vary Depending on the Overall Mud Weight, Drilling Fluid Mixture/Content, and the Working Elevation

##### Accessories

- Pulsation Dampener on inlet and discharge

Clutch Actuator, Horn remote

Remote Instruments: Digital Mud Flow Meter (gallons/liters per minute)

#### Dimensions/Weight

- Length: 20 ft. (6.096 m)
- Width: 8 ft. (2.49 m)
- Height: 9 ft. (2.7 m)

Total Weight: 29,800 lbs. (13,520 kg) estimated

- (2) 25 ft. (7.6 m) suction hoses with 6 in. (152.4 mm) Kamlok Fittings
- (2) 25 ft. (7.6 m) Discharge Hoses with 3 in. (76.2 mm) NPT Hammer Unions
- Liner Wash System w/Supply Tank
- 24 V Work Lights

### Mud Motor Specifications

Mud motors offer the proven way to get acceptable penetration rates when drilling in hard formations and rock. The mud pump has to supply the mud motor, but also has to flush the cuttings to the surface for disposal. The table below shows typical flow rates for popular size mud motors. Be sure to allow enough extra mud flow to flood the bore. American Augers mud pumps can be used with any brand or size of directional drill

Mud Motor Size (Inch)	3-3/8	3-1/2	4-3/4	6-3/4
Mud Motor Size (Millimeter)	85.72	88.9	120.6	171.4
Flow Rate (GPM)	30-120	75-160	100-250	300-600
Flow Rate (LPM)	113.6 - 454.2	283.9 - 605.7	378.5 - 946.4	1,136 - 2,271