

# P-350 PERFORMANCE SPECIFICATIONS

POWER TRAIN	
Engine	Caterpillar© C-7 Tier 4i Diesel, Caterpillar© C-6.6 Tier 3, 275 HP available for some regions
Rating	275 HP (205 kW)
Fuel Capacity	180 U.S. Gallons (681 L)
Transmission	Eaton-FRO-11210B, 10 Speed
Battery	(2) Deka 908DMF 12V,1450 CCA

CONTROLS	
Remote Controls	Mud Pump Throttle, Mud Pump Start/Stop, Clutch Actuator, Horn
Remote Instruments	Digital Mud Flow Meter (gallons/liters per minute)

PUMP	
Pump Design	Tri-plex piston and liner pressure lube system
Rated Capacity	350 U.S.Gallons (1,325 L)/min.
Bore x Stroke	4.5 x 5 in. (114.3 x 127 mm)
Maximum Pressure	1,300psi (90 bar)
*Note: Pump Capacity will Vary Depending on the Overall Mud Weight, Drilling Fluid Mixture/ Content, and the Working Elevation	

ACCESSORIES
<ul style="list-style-type: none"> <li>• Pulsation Dampener on inlet and discharge</li> <li>• (2) 25 ft. (7.6 m) suction hoses with 6 in. (152.4 mm) Kamlok Fittings</li> <li>• (2) 25 ft. (7.6 m) Discharge Hoses with 3 in. (76.2 mm) NPT Hammer Unions</li> <li>• 33 US gallonss (125 L) / minute liner wash system with supply tank</li> <li>• (2) 24 V LED Work Lights</li> </ul>

DIMENSIONS	
Length	17 ft. (5.18 m)
Height	8 ft. 6.5 in. (2.6 m)
Width	8 ft. (2.49 m)

WEIGHTS	
Total Weight	28,000 lbs. (12,700 kg) estimated

MUD MOTOR SPECIFICATIONS				
<p>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.</p>				
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	75-200	100-250	300-600
Flow Rate (LPM)	113.6 - 454.2	283.9 - 605.7	378.5 - 946.4	1,136 - 2,271