

DD-440T PERFORMANCE SPECIFICATIONS

POWER TRAIN	
Engine	Cummins Tier 4 final or Tier 3 (depending on country of purchase) Diesel
Rating	600 HP (441.3 kW)
Fuel Capacity	160 U.S. Gallons (605 L)
Hydraulic Capacity	200 U.S. Gallons (757 L)
Battery	(2) Deka 908DMF 12 V, 1450 CCA

QUIET-PAK® - NOISE REDUCTION SYSTEM	
Power Train Noise Rating	88 dB(A) @ 7 Meter Range

CARRIAGE SYSTEM	
Maximum Thrust/ Pullback	440,000 lbs. (200 Tonnes)
Carriage System	Rack & Pinion, (2) Pinion Drive with Adjustable Force Limiter
Maximum Carriage Speed	95 ft. (29 m)/minute
Carriage Motors	(2) Hydraulic 1017 cc, Variable Displacement
Carriage Gearbox	(2) Planetary Drives

ROTARY DRIVE	
Rotary System	(3) Pinion & Gear Drive with Infinitely Variable Torque
Maximum Rotary Torque	60,000 ft-lbs. (81,350 Nm) @ 0 – 25 RPM
Maximum Rotary Speed	95 RPM
Rotary Motors	(3) 160cc Hydraulic Axial Piston/Variable Displacement

Rotary Brakes	(2) Spring Applied/Hydraulic Release
Fluid Course	3 in. (76 mm)
Mud Flow Rate	Permits up to 650 U.S. Gallons (2,460 L)/minute
Maximum Mud Pressure	1,500 psi (103 bar)
Mud Swivel	Rear Mounted, 5.5 in. (140 mm) IFLH Pin

WRENCH	
Wrench Travel	Wrench has full length thrust frame travel
Maximum Breakout Torque	154,000 ft-lbs. (209,500 Nm)
Maximum Makeup Torque	101,700 ft-lbs. (137,900 Nm)
Clamp/Grip Range	2 3/4 in. – 10 3/4 in. (70 – 273 mm) OD
Wrench Assembly Motor	(2) Hydraulic LSHT, 12 CIR
Wrench Assembly Brake	(1) Spring Applied/Hydraulic Release
Wrench Gearbox	(2) SGL
Hydraulic Wrench Cylinder	(6) 8 in. Bore x 3 in. Stroke (203 - 76.2 mm)

DRILL RIG	
Drill Angle	10° - 18°
Drill Pipe	Range II – 34 ft. (10.4 m)

SAFETY	
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- Es!Lok – Exit Side Lockout System with 1 mile (1.6 km) Range
- Wiggle Steer®
- Free standing operator's console with pressure gauges
- Safety system package with ZapAlert
- operator's manual and other unit support materials

DIMENSIONS

Length	49 ft. (14.93 m)
Width	8 ft. 2 in. (2.51 m)
Height	11 ft. 8 in. (3.60 m)

WEIGHTS

Total Weight	95,400 lbs. (43,273 kg)
Total Weight w/o Wrench	87,600 lbs. (39,735 kg) – Wrench is Removable for Lighter Transport