

DD-440T



Surface-launched

Fluid-assisted

Optimum jobsite mobility

The only track mounted directional drill that offers the highest range of field proven thrust/pullback power

Features and Benefits

- Caterpillar® Tier III C-15 540 HP (402.7 kW) Diesel Engine
- 440,000 lbs. (200 Tonnes) of Maximum Thrust/Pullback Power
- 60,000 ft-lbs. (81,350 Nm) of Maximum Torque
- Rack and Pinion (2) Pinion Drive with Adjustable Force Limiter
- Track Mounted Undercarriage Travel Assembly
- Triple Jaw Wrench with 12 in. (305 mm) Separation
- 4 in. (102 mm) Fluid Course permits 1,000 U.S. Gallons (3,785 L)/per minute flow
- Accommodates Range II Drill Pipe
- 10°- 18° Variable Drilling Angle
- Wiggle Steer©
- Quiet Pak© Noise Reduction System

Technology Spotlight: Wiggle Steer

The *Wiggle Steer System* provides the operator of a directional drill the means to rotate the drill pipe and subsequently the cutting head on the drill string back and forth over a predetermined range. This back and forth motion would cause the hole made by the cutting head to be more open in a particular direction and therefore facilitate steering of the drilling pipe in that direction under ground.

The *Wiggle Steer System* will rotate the Drill Pipe in the Makeup (CW) direction while thrusting forward. It will then rotate the Drill Pipe in the Breakout (CCW) direction but will not thrust in the breakout direction. This method reduces the breakout torque and should prevent the drill string tool joints from parting down-hole.