

# DD-220T



**Full length walkway**

**Cummins Tier 3 / Tier 4 interchangeable engine**

**Microprocessor controlled**

**Optional knuckle-boom crane**

**Ideal for small to mid-size utility construction as well as mid-range pipeline projects**

**Optimum jobsite mobility**

## Features and Benefits

- Cummins QSL9P Tier 3 / Tier 4 interchangeable engine
- 220,000 lbs. (100 Tonnes) of Maximum Thrust/Pullback Power
- 30,000 ft-lbs. (40,674 Nm) of Maximum Rotary Torque
- Rack & Pinion (6) Pinion Drive with Adjustable Force Limiter
- Open Top Wrench Type with 10 in. (245 mm) Separation
- Accommodates Range II Drill Pipe
- 10° - 18° Variable Drilling Angle
- Optional Kuckle-Boom Crane
- 3 in. (76 mm) Fluid Course permits 650 U.S. Gallons (2,460 L)/per minute flow
- Wiggle Steer®

## 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