

# D330x500 NAVIGATOR<sup>®</sup>

## HORIZONTAL DIRECTIONAL DRILL



**ROBUST AND POWERFUL.** Robust vise design uses a planetary gear for breakout power.



**DRILL ON.** AutoDrill allows the operator to set the rotation and thrust/pullback pressure while drilling in changing soil conditions.



**PERFORM IN COMFORT.** All drilling functions can be performed from the cabin for ultimate comfort and convenient operation.



**CHOOSE YOUR DRILLING EXPERIENCE.** Detached cab units offer a classic drilling setup preferred by some operators, and the spacious cabin is well suited for in-cab meetings.



**EASY TO ANALYZE DISPLAY.** Onboard diagnostics include fault codes for enhanced serviceability and troubleshooting.



**TRANSPORTATION MADE SIMPLE.** Self-contained design allows quick, easy setup and convenient highway transport.

# D330x500 NAVIGATOR® HORIZONTAL DIRECTIONAL DRILL

## GENERAL DIMENSIONS AND WEIGHTS

Minimum transport length: 54.6 ft (16.64 m)

Minimum transport width (with cab): 100 in (254 cm)

Height (with cab): 11.2 ft (3.4 m)

Weight (with crane): 90,000 lbs (40,823.3 kg)

Weight (without crane): 85,000 lbs (38,555.4 kg)

## ENGINE

Make and model: Caterpillar C-15 ACERT

Fuel type: Diesel

Maximum engine rpm: 2,100 rpm

Gross horsepower: 540 hp (402.7 kW)

Max torque: 1,819 ft-lb (2,466.2 Nm)

Max fuel consumption: 28.9 gph (109.5 L/hr)

Air cleaner: Donaldson - FVG 160587

Emissions rating: Tier 3 (EU Stage III A) or Tier 4 Final (EU Stage IV)

## DRILLER'S CABIN

Length: 11.6 ft (3.5 m)

Width: 7.9 ft (2.4 m)

Height: 8 ft (2.4 m)

Weight: 6,000 lb (2,721.6 kg)

Heat and air conditioning: 3 ton (10.6 kW) in-wall combination unit

## OPERATIONAL

Thrust/pullback: 340,400 lb (1,512.3 kN)

Maximum carriage speed at maximum engine rpm:  
62 fpm (18.9 m/min)

Maximum spindle torque (low at maximum engine rpm):  
50,000 lb-ft (67,791 Nm)

Maximum spindle speed (high at maximum engine rpm): 88 rpm

Minimum bore diameter: 6.5 in (16.5 cm)

Maximum ground drive speed at maximum engine rpm:  
3.5 mph (5.6 km/h)

Automated rod loader: No

Noise level at operator's ear: 83 dB(A)

Drill rack angle: 13–18°

## CRANE

Maximum lifting capacity: 10,50 lb (4,762.7 kg)

Maximum lifting capacity at maximum reach: 2,325 lb (1,054.6 kg)

Rotation: 360°

Maximum reach: 25.3 ft (7.7 m)

## TRANSPORT DIMENSIONS

