

# D330x500 NAVIGATOR®

## 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 WEIGHTS AND DIMENSIONS

Min transport length: 54.3' (16.6 m)

Min transport width (with cab): 100" (254 cm)

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

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

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

## ENGINE

Make and model: Caterpillar C-15 ACERT

Fuel type: Diesel

Max engine: 2100 rpm

Gross horsepower: 540 hp (402.7 kW)

Max torque: 1819 ft-lb (2466.2 Nm)

Displacement: 928 cu in (15.2 L)

Cooling method: Liquid

Aspiration: Turbocharged

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' (3.5 m)

Width: 7.9' (2.4 m)

Height: 8' (2.4 m)

Weight: 6000 lb (2721.6 kg)

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

## OPERATIONAL

Thrust/Pullback: 340,000 lb (1512.3 kN)

Max carriage speed at max engine rpm: 87 fpm (26.5 m/min)

Max spindle torque (low at max engine rpm): 50,800 lb (68,875.6 Nm)

Max spindle speed (high at max engine rpm): 89 rpm

Min bore diameter: 6.5" (16.5 cm)

Max ground drive speed at max engine rpm: 4.2 mph (6.8 km/h)

Automated rod loader: No

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

Drill rack angle: 13°-18°

## FLUID CAPACITIES

Fuel tank: 210 gal (794.9 L)

Hydraulic tank: 200 gal (757.1 L)

Hydraulic system: 270 gal (1022.1 L)

## CRANE

Max lifting capacity: 10,500 lb (4762.7 kg)

Max lifting capacity - boom extended/max reach: 2325 lb (1054.6 kg)

Rotation: 360°

Max reach: 25.3' (7.7 m)

## FEATURES

Breakout system: Accepts 10" (25.4 cm) diameter

Drilling lights: Standard

Flow indicator: Yes

Stakedown system: Pad mount

Onboard cab: Standard

Driller's cabin: Optional

**NOTES:**

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