

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.



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**EQUIPPED TO
DO MORE.**

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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:
