

# D6x6 NAVIGATOR® HORIZONTAL DIRECTIONAL DRILL



**COMPACT SIZE.** With a footprint of 36" (91.4 cm) wide and 115" (292.1 cm) long, the compact D6x6 fits through the typical neighborhood gate.



**OPERATOR'S STATION.** The D6x6 has dual axis control valves. Vise controls are integrated into the right- and left- hand joysticks. With this design, the operator's hands do not have to leave the joystick to run the controls.



**SERVICEABILITY.** A full-length hood opens to expose the engine and hydraulics for easier maintenance and service.



**POWER-TO-SIZE RATIO.** The D6x6 has the most compact footprint in its class of horizontal directional drills. With a 25 hp (18.6 kW) engine, the unit has 550 ft-lb (745.7 Nm) of rotary torque and 5500 lb (2494.8 kg) of thrust/pullback.



**CARRIAGE/WISE SPEED.** With a maximum of 130 fpm (39.6 m/min), the carriage speed enables the drill rods to efficiently move up and down the rack.



**ON TRACK.** With turf-friendly tracks, the D6x6 is a good option for contractors working in areas where minimal disturbance is key, such as parks, residential and commercial areas, including sidewalks and driveways.

# D6x6 NAVIGATOR® HORIZONTAL DIRECTIONAL DRILL

## GENERAL WEIGHTS AND DIMENSIONS

Min transport length: 115" (292.1 cm)

Min transport width: 36" (91.4 cm)

Min transport height: 50" (127 cm)

Weight: 3240 lb (1469.6 kg)

## ENGINE

Make and model: Kubota D1105-E

Fuel type: Diesel

Max engine rpm: 3000 rpm

Gross horsepower: 25 hp (18.6 kW)

Max torque: 52 ft-lb (70.5 Nm)

Displacement: 68.5 cu in (1.1 L)

Cooling method: Liquid

Aspiration: Natural

Emissions rating: Tier 4 Final (EU Stage IIIA)

## OPERATIONAL

Thrust/Pullback: 5500 lb (2494.8 kg)

Max carriage speed at max engine rpm: 130 fpm (39.6 m/min)

Max spindle torque (low at max engine rpm): 550 ft-lb (745.7 Nm)

Max spindle speed at max engine rpm: 180 rpm

Min bore diameter: 2.3" (5.8 cm)

Max ground drive speed at max engine rpm (fwd/rev): 1.3 mph (2.1 km/h)

Noise level at operator's ear: 87 dB(A)

Drill rack angle: 16.4° (29.4%)

## FLUID CAPACITIES

Fuel tank: 5.5 gal (20.8 L)

Hydraulic tank: 13 gal (49.2 L)

## DRILLING FLUID SYSTEM

Max flow: 5 gpm (18.9 L/min)

Max pressure: 500 psi (3.4 MPa)

## FEATURES

Breakout system: Hydraulic

Stakedown system: Stationary

Strike alert: Standard

Remote lockout: Standard

## DRILL PIPE

Type: Firestick® drill rod

Length: 6' (1.8 m)

Rod diameter: 1.66" (4.2 cm)

Joint inside diameter: 0.75" (1.9 cm)

Joint outside diameter: 1.88" (4.8 cm)

Weight: 17 lb (7.7 kg)

Bend radius: 95.5' (29.1 m)

Onboard capacity: 150' (45.7 m)

## NOTES:

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