

# D10x15 S3 NAVIGATOR®

## HORIZONTAL DIRECTIONAL DRILL



**MORE LENGTH PER DAY.** Featuring an increase of almost 11% in carriage speed over its predecessor — the D9x13 S3 Navigator® HDD — the drill offers fast cycle times and enhanced productivity on the jobsite.



**GET TO WORK FASTER.** The D10x15 S3 features a ground drive speed of up to 3.3 mph (5.3 km/h) — helping make jobsite entry and departure go more quickly.



**NARROW FOOTPRINT.** With a slender profile of 44" (111.8 cm) in width, the drill can easily maneuver within narrow jobsites and position side by side with a mix system on a trailer, helping to increase productivity when working in urban spaces.



**COMPACT BUT POWERFUL.** The D10x15 S3 stands out due to its compact design and light weight. With 10,000 lb (44.5 kN) of thrust/pullback and 1500 ft-lb (2033.7 Nm) of rotational torque, it has the power required for tough ground conditions and pulling reamers.



**REDUCED NOISE.** The D10x15 S3 is designed to limit its operating noise, creating less neighborhood disturbance and enabling easier communication among crew members.



**SERVICEABILITY.** A one-piece, hinged hood offers durability as well as convenient access to daily key service points.

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## GENERAL WEIGHTS AND DIMENSIONS

Min transport length: 153" (389 cm)

Min transport width: 44" (111.8 cm)

Min transport height: 66" (167.6 cm)

Weight: 7200 lb (3265.9 kg)

## ENGINE

Make/Model: Deutz TD2.9

Fuel type: Ultra-low sulfur diesel

Max engine rpm: 2300 rpm

Gross horsepower: 60 hp (45 kW)

Aspiration: Turbocharged

Emissions rating: Tier 4 Final (Stage IV)

## OPERATIONAL

Thrust/Pullback: 10,000 lb (44.5 kN)

Max carriage speed at max engine rpm: 208 fpm (63.4 m/min)

Max spindle torque (low at max engine rpm): 1500 ft-lb (2033.7 Nm)

Max spindle speed at max engine rpm: 220 rpm

Min bore diameter: 2.5" (6.4 cm)

Max ground drive speed at max engine rpm (fwd): 3.3 mph (5.3 km/h)

Drill rack angle: 14°–17° (24.9%–30.6%)

## FLUID CAPACITIES

Fuel tank: 18 gal (68.1 L)

Hydraulic system: 25 gal (94.6 L)

## DRILLING FLUID SYSTEM

Max flow: 15 gpm (56.8 L/min)

Max pressure: 1000 psi (6.9 MPa)

## FEATURES

Breakout system: Standard hydraulic vise

Flow indicator: Standard

Stakedown system: Standard

Strike alert: Standard

Remote lockout: Standard

## DRILL PIPE

Type: 1.66 Firestick® drill rod #200

Length: 6' (1.8 m)

Rod diameter: 1.7" (4.3 cm)

Weight: 26 lb (11.8 kg)

Bend radius: 95.5' (29.1 m)

Onboard capacity: 300' (91.4 m)

**NOTES:**

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