

# 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 in (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 1,500 ft-lb (2,033.7 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.

# D10x15 S3 NAVIGATOR® HORIZONTAL DIRECTIONAL DRILL

## GENERAL WEIGHTS AND DIMENSIONS

Minimum transport length: 13 ft (3.96 m)

Minimum transport width: 3.6 ft (1.1 m)

Minimum transport height: 5.5 ft (1.67 m)

Weight: 7,200 lb (3,265.9 kg)

## ENGINE OPTION ONE

Make/Model: Deutz TD2.9

Fuel type: Low sulfur diesel

Maximum engine rpm: 2,300 rpm

Gross horsepower: 60 hp (45 kW)

Noise level at operator's ear: 86 dB(A)

Emissions rating: Tier 4i (EU Stage IIIA)

## ENGINE OPTION TWO

Make/Model: Deutz® TD2.9

Fuel type: Low sulfur diesel

Maximum engine rpm: 2,300 rpm

Gross horsepower: 60 hp (45 kW)

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

Emissions rating: Tier 4 Final (EU Stage V)

## OPERATIONAL

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

Maximum carriage speed at maximum engine rpm: 208 fpm (63.4 m/min)

Maximum spindle torque (low at maximum engine rpm): 1500 ft-lb (2033.7 Nm)

Maximum spindle speed at maximum engine rpm: 215 rpm

Minimum bore diameter: 2.5 in (6.4 cm)

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

Drill rack angle: 14–17° (24.9–30.6%)

## DRILLING FLUID SYSTEM

Maximum flow: 20 gpm (75.7 L/min)

Maximum pressure: 1,000 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 ft (1.8 m)

Rod diameter: 1.66 in (4.2 cm)

Weight: 26 lb (11.8 kg)

Bend radius: 95.5 ft (29.1 m)

Onboard capacity: 300 ft (91.4 m)

## TRANSPORT DIMENSIONS

