



**MORE LENGTH PER DAY.** Featuring an increase of almost 11% in carriage speed over its predecessor — the D9x13 S3 Navigator<sup>®</sup> 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.



# **D10x15 S3 NAVIGATOR®** HORIZONTAL DIRECTIONAL DRILL

# **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 OPTION ONE**

Make/Model: Deutz TD2.9 Fuel type: Low sulfur diesel Max engine rpm: 2300 rpm Gross horsepower: 60 hp (45 kW) Aspiration: Turbocharged 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 Max engine rpm: 2300 rpm Gross horsepower: 60 hp (45 kW) Aspiration: Turbocharged Noise level at operator's ear: 86 dB(A) Emissions rating: Tier 4 Final (EU Stage IV)

# **ENGINE OPTION THREE**

Make/Model: Deutz TD2.9 Fuel type: Low sulfur diesel Max engine rpm: 2300 rpm Gross horsepower: 60 hp (45 kW) Aspiration: Turbocharged Noise level at operator's ear: 87 dB(A) Emissions rating: Tier 4 Final (EU Stage V)

NOTES:

#### **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: 240 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<sup>®</sup> drill rod #200 Length: 6' (1.8 m) Rod diameter: 1.66'' (4.2 cm) Weight: 26 lb (11.8 kg) Bend radius: 95.5' (29.1 m) Onboard capacity: 300' (91.4 m)



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