D8x12
HORIZONTAL DIRECTIONAL DRILL

STRAIGHTFORWARD CONTROLS. Controls with minimal electrical components, bringing you back to the basics with modern technology.

NARROW FOOTPRINT. This drill is 8.5 in (21.6 cm) narrower in width than the next sized drill in the lineup and can get through a 36 in (91.4 cm) gate or fit on a narrow trailer with other jobsite essentials.

LOW SOUND LEVELS. Low noise emission levels at the operator's ear of 85 dBa and a guaranteed sound power of 104 dBa make this drill perfect for installing small utilities in an urban environment with minimal disruption.

MORE POWER. Equipped with a 48 hp (35.8 kW) Rehlko engine, this drill offers 1,200 ft-lb (1,627 Nm) of spindle torque and 7,850 lb (3,563.9 kg) of thrust/pullback.

TRACKS. Tracks offer ideal traction for operation while providing minimal ground disturbance. This track system design allows a forward ground drive speed of 2.8 mph (4.5 km/h), which is 45% faster than the leading competitor.

MULTIPLE ROD OPTIONS. Equip your drill with either a 6 ft (1.8 m), 1.66 in or 1.31 in (4.2 cm or 3.3 cm) Firestick® drill rod and save time on the job with 180 ft (54.9 m) of on-machine rod carrying capacity.

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GENERAL WEIGHTS AND DIMENSIONS

Min transport length: 139 in (353.1 cm)
Min transport width: 35.5 in (90.2 cm)
Min transport height: 65 in (165.1 cm)
Min weight: 6,000 lb (2721.6 cm)
Max weight: 6,600 lb (2993.7 cm)
Angle of approach: 18 deg
Angle of departure: 20 deg

ENGINE

Make and model: Rehlko KDI1903
Fuel type: Ultra-low sulfur diesel
Max engine rpm: 2,200 rpm
Gross horsepower: 48 hp (35.8 kW)
Aspiration at full engine load: Turbocharged
Max fuel consumption: 2.5 gph (9.4 lph)
Emissions rating: Tier 4 Final/Stage V
Max operating angle (fore/aft): 25 deg
Max operating angle (left/right): 25 deg

OPERATIONAL

Thrust rod: 7,850 lb (3563.9 kg)
Pullback rod: 7,850 lb (3563.9 kg)
Max carriage speed at max engine rpm - fpm (m/min): 159 fpm (48.5 m/min)
Max spindle torque (max engine rpm) - ft-lb (Nm): 1200 ft-lb (1627 Nm)
Max spindle torque - smaller rod option (max engine rpm) - ft-lb (Nm): 900 ft-lb (1220 Nm)
Max spindle speed at max engine rpm - (rpm): 182 rpm
Min bore diameter: 2.5 in (6.4 cm)
Max ground drive speed at max engine rpm - mph: 2.8 mph (4.5 km/h)
Noise level at operator's ear: 85 dB(A)
Guaranteed sound power engine: 104 dB(A)

FLUID CAPACITIES

Fuel tank: 15 gal (56.7 L)
Hydraulic system: 25 gal (94.6 L)

DRILLING FLUID SYSTEM

Max flow: 9 gpm (34.1 L/min)
Max pressure: 750 psi (50.2 bar)
Brand: FMC
Onboard tank capacity: 25 gal

FEATURES

Breakout system: Standard hydraulic vise
Drilling lights: Optional
Stakedown system: Standard
Strike Alert: Standard
Remote Lockout Control: Standard
Rod greaser: Optional
Wash wand: Optional

DRILL PIPE OPTION ONE

Thread type: Firestick drill rod (#200)
Length: 6 ft (1.8 m)
Rod diameter: 1.31 in (3.3 cm)
Joint inside diameter: .8 in (2 cm)
Joint outside diameter: 1.88 in (4.8 cm)
Weight: 18 lb (8.2 kg)
Bend radius: 57 ft (17.4 m)
Total machine rod capacity: 180 ft (54.9 m)

DRILL PIPE OPTION TWO

Thread type: Firestick drill rod (#200)
Length: 6 ft (1.8 m)
Rod diameter: 1.66 in (4.2 cm)
Joint inside diameter: .8 in (2 cm)
Joint outside diameter: 1.88 in (4.8 cm)
Weight: 26 lb (11.8 kg)
Bend radius: 95.5 ft (29.1 m)
Total machine rod capacity: 180 ft (54.9 m)

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