

# 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.

# D8x12 HORIZONTAL DIRECTIONAL DRILL

## GENERAL WEIGHTS AND DIMENSIONS

Minimum transport length: 11.58 ft (3.5 m)

Minimum transport width: 2.9 ft (.9 m)

Minimum transport height: 5.4 ft (1.65 m)

Minimum weight: 6,000 lb (2721.6 kg)

Maximum weight: 6,600 lb (2993.7 kg)

Angle of approach: 18°

Angle of departure: 20°

## OPERATIONAL

Thrust rod: 7,850 lb (3563.9 kg)

Pullback rod: 7,850 lb (3563.9 kg)

Maximum carriage speed at maximum engine rpm: 159 fpm (48.5 m/min)

Maximum spindle torque (Maximum engine rpm): 1200 ft-lb (1627 Nm)

Maximum spindle torque - smaller rod option (maximum engine rpm): 900 ft-lb (1220 Nm)

Maximum spindle speed at maximum engine rpm: 182 rpm

Minimum bore diameter: 2.5 in (6.4 cm)

Maximum ground drive speed at maximum engine rpm: 2.8 mph (4.5 km/h)

Noise level at operator's ear: 85 dB(A)

Guaranteed sound power engine: 104 dB(A)

## DRILLING FLUID SYSTEM

Maximum flow: 9 gpm (34.1 L/min)

Maximum pressure: 750 psi (5.17 MPa)

Brand: FMC

## ENGINE

Make and model: Rehlko KDI1903

Fuel type: Ultra-low sulfur diesel

Maximum engine rpm: 2,200 rpm

Gross horsepower: 48 hp (35.8 kW)

Maximum fuel consumption: 2.5 gph (9.4 lph)

Emissions rating: Tier 4 Final/Stage V

Maximum operating angle (fore/aft): 25°

Maximum operating angle (left/right): 25°

## 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)

## TRANSPORT DIMENSIONS

