

D60S

HORIZONTAL DIRECTIONAL DRILL



FOOTPRINT TO POWER RATIO. The D60S has a compact footprint of 8.5 m (27.9 ft) length and 2.45 m (8 ft) width. Paired with a torque of 9,000 ft-lb (12,200 N.m) and 60 rod configuration, the drill is designed with reliability and performance in mind.



225-HP (168-KW) CAT® C7.1 STAGE V ENGINE. Provides high horsepower for more powerful drilling, tracking and maneuvering the drill around the jobsite.



LARGE ROD CAPACITY. Allows for drilling over longer distances and handling of complex bores and the quick change rod box option minimizes the need to manually load additional drill rod, improving overall efficiency.



LARGE MUD PUMP. Helps deliver high-pressure drilling fluid that cools the drill bit, stabilizes the borehole, and efficiently removes cuttings. This consistent fluid flow supports longer and deeper bores, enhances drilling speed, and reduces the risk of clogging.



IMPROVED ERGONOMIC CABIN INTERIOR. The D60S has an improved ergonomic cabin interior design for more operator comfort. The center controls and screens are positioned to give more leg space to the operator. Seat has also been positioned in an angle for better visibility on the drill and drill rods.



EASE OF OPERATION. The D60S is designed for straightforward operation, featuring familiar controls, displays and a proven design. This helps to minimize training time needed by operators.

D60S HORIZONTAL DIRECTIONAL DRILL

GENERAL

Length (minimum transport): 8.5 m (27.9 ft)

Width (minimum transport): 2.45 m (8 ft)

Height (minimum transport): 2.63 m (8.6 ft)

Weight (base machine maximum transport with stakedown):
17.02 ton (37,500 lbs)

Weight (maximum transport with 60 rods and stakedown):
21.52 ton (47,400 lbs)

Weight (maximum transport with 60 rods and without stakedown):
21.03 ton (46,400 lbs)

Weight (maximum transport with 50 rods and stakedown):
20.77 ton (45,800 lbs)

Weight (maximum transport with 50 rods and without stakedown):
20.28 ton (44,700 lbs)

OPERATIONAL

Maximum pullback: 27.2 ton (60,000 lbs)

Maximum thrust: 27.2 ton (60,000 lbs)

Maximum carriage speed at maximum engine RPM: 53 m/min (174 fpm)

Minimum carriage speed at maximum engine RPM: 17 m/min (56 fpm)

Maximum spindle torque (low at maximum engine RPM):
12,200 N.m (9,000 ft.lbs)

Maximum spindle torque (medium at maximum engine RPM): 8,790 N.m
(6,500 ft.lbs)

Maximum spindle torque (high at maximum engine RPM): 5,180 N.m
(3,800 ft.lbs)

Maximum spindle speed at maximum engine RPM: 209 rpm

Medium spindle speed at maximum engine RPM: 124 rpm

Low spindle speed at maximum engine RPM: 88 rpm

Maximum ground drive speed: 2 km/h (1.2 mph)

Guaranteed sound power: 109 dB(A)

Drill rack angle: 16 °

ENGINE

Make and model: Caterpillar

Gross horsepower (maximum): 225-hp (168-kW)

Maximum engine RPM: 2,200 rpm

DRILL PIPE

Type: Vermeer Rod

Rod diameter: 73 mm (2.875 in)

Rod length: 4.5 m (15 ft)

Weight: 79 kg (173 lbs)

MUD PUMP

Make and model: KERR®

Maximum pressure: 737 psi (50.8 bar)

Maximum flow: 757 L/min (200 gpm)

TANK CAPACITY

Hydraulic tank: 280 L (74 gal)

Fuel tank: 335 L (88.5 gal)

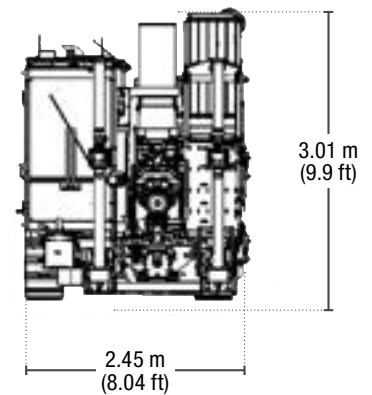
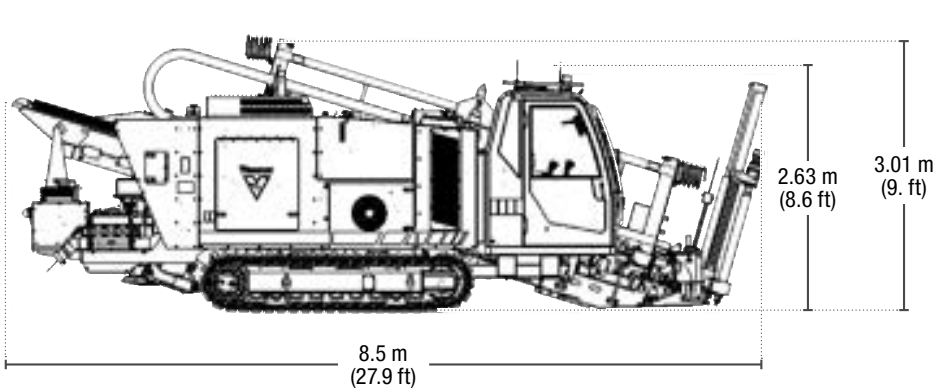
FEATURES

Cab with heat and A/C: Standard

DCI-In-dash AURORA® display: Optional

Side entry wireline sub: Standard

TRANSPORT DIMENSIONS



This image is for visual purposes only, and does not reflect the actual dimensions. The dimensions listed are minimum transport dimensions.