

ASTECC

DD6™

For sales and service, contact your local Astec Dealer:

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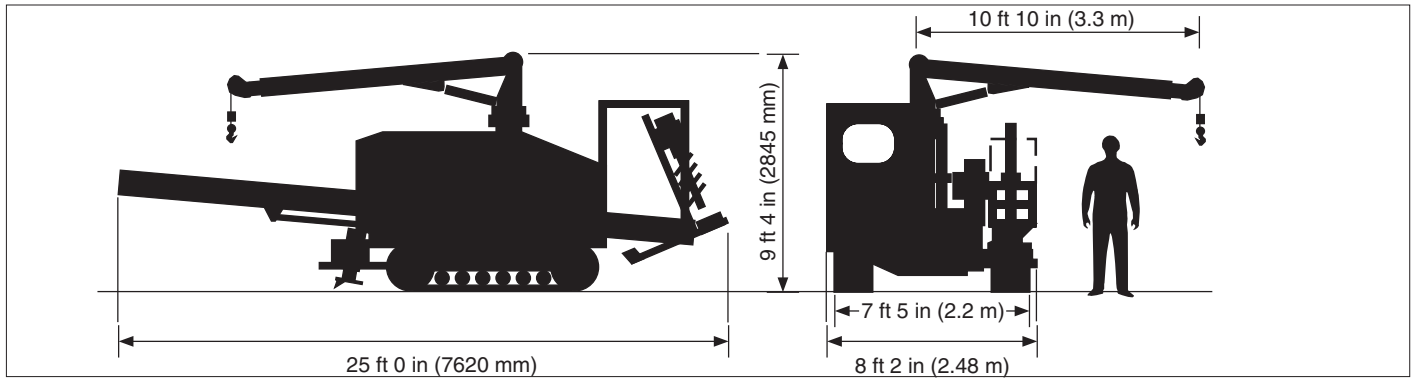
Self-Contained Directional Drill



- 188 hp Powertrain
- 60,000 lbs. Thrust/Pullback
- 10,000 ft-lbs. Rotary Torque
- Rack & Pinion four (4)-pinion drive
- Rugged Construction
- Quiet-Pak™ sound reduction
- 6,000 lb (2,722 kg) Crane
- River Rig Pedigree®

The Astec DD-6™ Directional Drill is manufactured by the world's most experienced builder of directional drills. With a 188 hp (140 kW) diesel engine, the DD-6 can handle the toughest jobsites. The full 2" (50 mm) fluid course permits high volume mud flows for mud motor and larger reamer operation, and its compact footprint allows easy access to many urban, suburban and other hard to reach jobsites. The DD-6 design features have been proven on some of the toughest trenchless jobs all over the world. The DD-6 from Astec Underground...Tomorrow's Underground Solutions Construction TODAY!

DD-6 Directional Drill



Engine

Engine	Deere 6068TF250B turbodiesel
Rating	188 hp (140 kW) gross
	166 hp (123.8 kW) continuous duty
Fuel capacity	40 U.S. gallons (150 L)

Rotary Drive

Rotary system	Pinion and gear drive Infinitely variable torque
Rotary (high torque)	10,000 ft-lb (13,558 Nm) @ 0-50 rpm
Rotary (low torque)	4,500 ft-lb (6,101 Nm) @ 0-110 rpm
Max. rotary speed	110 rpm
Mud flow rate	Up to 250 U.S. gallons/minute (945 L/min) @ 1,500 psi (103 bar)
Fluid course	2" (50 mm)
Other features	Rear mounted mud swivel, 2" (50 mm) internal diameter, drive brake, floating carriage, digital tachometer, wireline commutator, adjustable torque limiter

Carriage Drive

Max. thrust/pullback	60,000 lb (266.9 kN) low range
Carriage system	Rack and pinion, four pinion drive, with adjustable force limiter
Carriage speed (HI)	65 ft/min (19.2 m/min)
Carriage speed (LO)	32 ft/min (9.8 m/min)

Pipe Loader (optional)

Integral to drill, holds 9 pieces of 15' drill pipe. Additional pipe baskets each hold 9 pieces. Total pipe on drill at one time is 270' (82.3 m).

Drilling Unit

Travel system	Self propelled on rubber tracks
Drill angle	12°—26°
Wrench/clamp	Open top type
Weight, drill unit	Approx. 22,250 lb (10, 100 kg) without pipe Approx. 26,250 lb (11,918 kg) with 18 pieces of pipe
Hold down system	H-beam stakes available Hydraulic augers available

Drilling Fluid Pump (optional)

Triplex pump	0-130 GPM (0-510 L/min) variable speed
Max. pressure	1,500 psi (105.5 bar)

On Board Crane (optional)

6,000 lb (2,722 kg) rated capacity. Remote control pendant. Boom extends hydraulically. Winch and slewing drive: high torque hydraulic motors. Anti-two block device.

Drill pipe (optional)

AA part number	01DT1516
Length	15 ft (4,570 mm)
Outside dia. (tube)	3-1/2 inch (89 mm)
Water course	1-3/4 inch (44 mm)
Tool joint O.D.	4-1/8 inch (105 mm)
Thread type	2-7/8 IF pin x box

Protective Equipment

Each drill comes with safety mats and electrical grounding rods. A Zap-Alert system is standard equipment. Emergency shut down switch at driller's console. The es!lok® lockout system is standard equipment.