

ASTECC

DD-1215

Compact Directional Drill



- 12,000 lbs. (5.44 Tonnes) thrust/pullback
- 1,500 ft-lbs. (2,034 Nm) of rotary torque
- Dual Rack & Pinion Carriage Drive
- "Cruise Control" capability
- Carries 400 ft (122 m) of drill pipe
- Single Multi-function joystick controls
- Quick, easy set up
- LCD multifunction operational screen at operators' station
- Two-speed floating carriage

Astec DD-1215 Directional Drill

Weights & Dimensions

- Width: 50.5" (1.28 m)
- Length: 200" (5.08 m)
- Height: 68" (1.73 m)
- Approximate Operating Weight: 8,500 lbs (3,855.5 kg)
(Includes 400 ft / 122 m of Drill Pipe)

Engine

Engine	Cummins B3.3C Diesel
Rating	65 hp (48.5 kW)
Fuel capacity	30 U.S. gallons (113.6 L) (Eight hour operating capacity)
Other Features:	Tandem pump drive system

Rotary Drive

Rotary system	Pinion and gear drive Infinitely variable torque
Rotary	0 - 1,500 ft-lb.(2,033.7 Nm)
Max. rotary speed	200 rpm
Fluid course	5/8" (16 mm)
Other features	Digital LCD gauges for Rotation, Thrust, and Engine Functions, Rear mounted mud swivel, floating carriage, digital ta- chometer

Carriage Drive

Max. thrust/pullback	12,000 lb (5.44 Tonnes)
Carriage system	Two-speed floating carriage with two-pinion drive Dual Rack and Pinion
Carriage speed	Up to 120 ft/min (36.6 m/min)

Drilling Unit

Travel system	Self propelled on rubber tracks.
Flat Surface Speed	Up to 1.8 mph (2.9 km/h)
Drill angle	15.5°
Wrench/clamp	Open top floating vise grip type
Weight, drill unit	Approx. 8,500 lb (3,855.5 kg) with 40 pieces (400 ft. / 131 m) of pipe
Hold down system	Powered hydraulic augers in foot and Individual Rear Stabilizers. Rear thrust stabilizers resist rearward movement of drill when pushing.

Drilling Fluid Pump

Onboard Mud Pump	Triplex pump
Output	0 - 15 GPM (56.8 L/min)@1250 psi (86 Bar), Infinitely variable
Max Pressure	1250 psi

Pipe Loader

State-of-the-art rod loader uses 10' (3.05m) drill stem. Total pipe capacity on drill is 400 ft (122 m)

Drill pipe (optional)

Length	10 ft (3,048 mm)
Outside dia. (tube)	1-2/3 inch (42.2 mm)
Water course	5/8 inch (16 mm)
Tool joint O.D.	2 inch (50.8 mm)

Protective Equipment

Integrated Strike System for checking voltage. A Zap-Alert system is standard equipment. Emergency shut down switch at driller's console. The ES!LOK® exit-side lockout system is standard equipment.



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Due to our continuing product improvement, specifications are subject to change without notice.
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