

American Augers DD-185 Specifications

Engine

Engine Caterpillar® C9 ACERT, ATAAC
6-cylinder turbo diesel
Rating 300 HP (224 kW) continuous duty
Fuel capacity 150 U.S. gallons (568 L)



Rotary Drive

Rotary system Pinion and gear drive
Infinitely variable torque

Rotary (high torque) 25,000 ft-lb (33,750 Nm) @ 0-45 rpm

Rotary (low torque) 10,000 ft-lb (13,500 Nm) @ 0-95 rpm

Max. rotary speed 95 rpm

Other features: Rear mounted mud swivel, 3" (76mm) internal diameter, dual drive brakes, slip sub, digital tachometer, wireline commutator, 5-1/2" API full hole box connection, adjustable torque limiter.

Carriage Drive

Max. thrust/pullback 185,000 lb (84 Tonnes)

Carriage system Rack and pinion, six pinion drive,
with adjustable force limiter

Max. carriage speed 95 ft (29 m)/min

Tooling

American Augers supplies a full range of dirt and rock bits, tri-cones, sonde housings, swivels, cutters, hole openers and reamers.

Drill Rig

Wrench/clamp Open top type, 10" (254 mm) separation. Wrench can travel 60" (1.5 m) fore and aft

Max. breakout torque 60,000 ft-lb (81,000 Nm)

Max. makeup torque 25,000 ft-lb (33,750 Nm)

Clamp grip range 2-3/4 - 10-3/4" outside diameter

Operator's controls Rig mounted console with gauges

Drill angle 10°—18°

Travel system Self propelled on excavator tracks

Drill mounted crane 8,000 lb (3,629 kg) rating

Shipping weight 58,600 lb (26,636 kg)

Hold down stakes H-beam type

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 and at remote control console. Carriage over ride switch disables carriage during wireline hookup, maintenance, etc. Halogen work lights are standard. The es!lok® exit side lockout system is standard equipment.

Driller's Cabin

With heat and air conditioning, power distribution panel with circuit breakers, surveyor's table. Exterior steel siding. Insulation 3-1/2" in walls. Extra large windows with vandalism shields. Lifting eyes for job site mobility. Cabin size: 7 ft 9 in wide x 10 ft 10 in long x 8 ft 6 in high (2.5 x 3.3 x 2.6 m). Approx. shipping weight: 6,000 lb. (2,725 kg).

Contact Your Local American Augers Dealer



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