



# DD-8<sup>TM</sup>

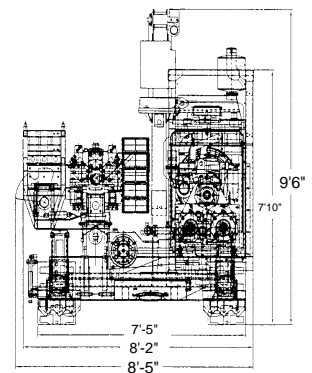
## Self Contained Directional Drill



DD-8 Pictured with MCM-4000 Mud Cleaning Mixing System

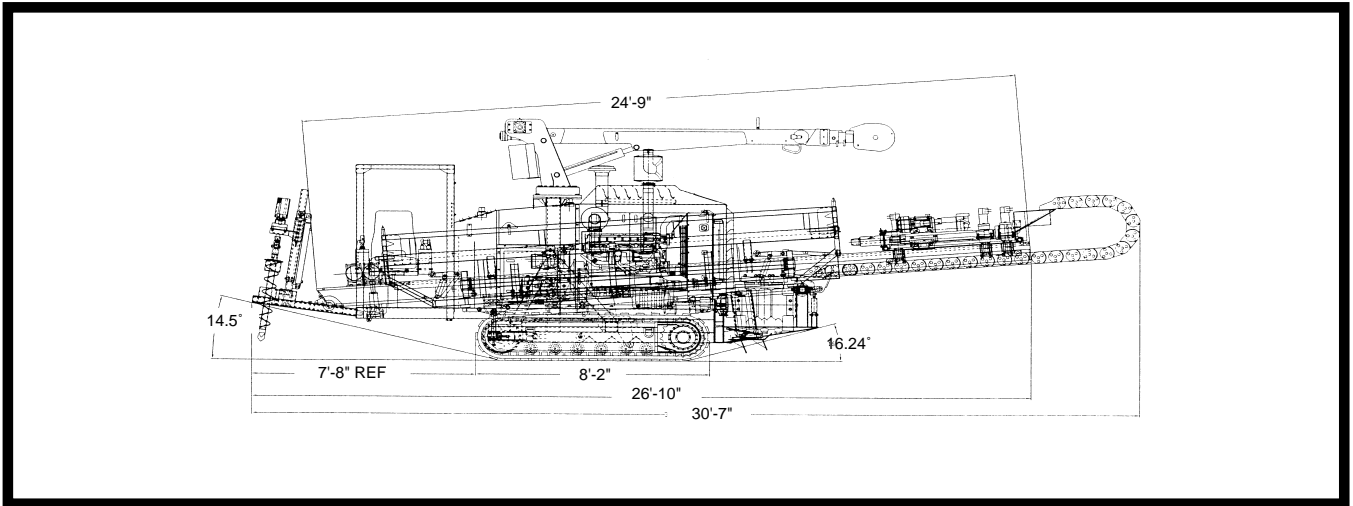
- 260 hp powertrain
- Quiet-pak<sup>TM</sup> Sound Reduction
- 200 Gallon Mud Pump
- Remote Control Crane
- Rugged construction
- River Rig Pedigree<sup>®</sup>

The DD-8<sup>TM</sup> American Directional Drill<sup>®</sup> is manufactured by the world's most experienced builder of large directional drills. With a 260 hp Caterpillar<sup>®</sup> diesel engine, the DD-8<sup>TM</sup> can handle the toughest conditions. The DD-8's<sup>TM</sup> full 2" fluid course permits high volume mud flows, a necessity for mud motor and large reamer operations and its high rotary torque will spin reamers through the longest bores. The DD-8<sup>TM</sup> design features are proven on the toughest trenchless jobs all around the world and will keep you working... Because every job counts!



The DD-8<sup>TM</sup> has a rack and pinion carriage, for the utmost precision and low maintenance as well as an on board remote controlled crane, which allows operators the best view for pipe basket handling.

## DD-8 Directional Drilling System



# •DD-8 Specifications

### ● POWER UNIT

Engine: Caterpillar® 3126 Diesel  
Rating: 260 hp (193 kW) gross  
Fuel Capacity: 67 U.S. Gallons (254 L)  
Hydraulic Capacity: 107 U.S. Gallons (405 L)  
Drive System: Funk 2800 (3 pump drive) 78:1 ratio

### ● ROTARY DRIVE

Rotary System: Pinion and Gear Drive, Infinitely Variable Torque  
Rotary (High Torque): 13,600 ft-lb @ 0-63 rpm  
Rotary (Low Torque): 6,750 ft-lb @ 0-125 rpm  
Max Rotary Speed: 125 rpm  
Mud Flow Rate: 200 GPM (757L/min) @1100 psi with/ shut-off valve  
Fluid Course: 2" (50 mm)

### ● CARRIAGE DRIVE

Max. thrust/pullback: 80,000 lb  
Carriage System: Rack & Pinion Six Pinion Drive with adjustable force limiter.  
High Carriage Speed: 54 ft/min  
Low Carriage Speed: 25 ft/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).

### ● GROUND TRAVEL SPEED

Flat Surface: 2.0 - 3.25 m.p.h. Baseline

### ● FLUID HANDLING

On Board Mud Pump FMC M1432  
Output: 200 gpm @1100psi With shut-off valve  
Max Mud Course Capacity: 250 gpm  
Liner Wash: Yes

### ● DRILLING UNIT

Travel System: Self propelled on rubber tracks  
Drill Angle: 11° - 20°  
Wrench/Clamp: Open Top Type  
Weight, Drill Unit: TBD  
Hold Down System: Power Augers  
Rear thrust stabilizers resist rearward movement of drill when pushing.

### ● DRILLING FLUID PUMP

Triplex Pump Flow: 0-200 GPM (757 L/min)  
Onboard, Variable Speed  
Maximum Pressure: 1100 psi

### ● ON BOARD CRANE

6,000 lb (2725 kg) rated capacity. Remote control pendant. Boom extends hydraulically. Winch and slewing drive: high torque hydraulic motors. Anti-two block device.

### ● DRILL PIPE (Optional)

Outside Diameter: 3.5" (7.62 cm)  
Thread: 2 7/8" IF  
Weight: 215 lb  
Length: 15ft (4.6m)

### ● PROTECTIVE EQUIPMENT

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



Copyright © 2001, American Augers  
Form No. TSS-102-00 (HP2.5M) 9-01

Due to our continuing product improvement, specifications are subject to change without notice  
American Augers, Inc., 135 U.S. Route 42, P.O. Box 814, West Salem, OH 44287  
Tel: (419) 869-7107 • Fax (419) 869-7425 • USA Toll Free (800) 324-4930  
E-mail: [allsales@americanaugers.com](mailto:allsales@americanaugers.com) • <http://www.americanaugers.com>