

PERFORMANCE SPECIFICATIONS

Power Train

Engine: Cummins QSL9P
 Rating: 365 HP (272 kW)
 Fuel Capacity: 140 U.S. Gallons (530 L)
 Hydraulic Capacity: 140 U.S. Gallons (530 L)
 Hydraulic Filter: High pressure filtration to 6 micron ABS
 Noise Rating: 95 dB(A) at 3 meter range

Carriage System

Maximum Thrust/Pullback: 220,000 lbs. (100 Tonnes)
 Carriage System: Rack and Pinion, (6) Pinion Drive with Adjustable Force Limiter

Maximum Carriage Speed: 90 ft. (29 m)/minute
 Carriage Motors: (6) Hydraulic 80cc Radial Piston/Dual Displacement

Carriage Brakes: (3) Spring Applied/Hydraulic Release
 Carriage Gearbox: (6) Planetary Drives

Rotary Drive

Rotary Drive: (2) Pinion and Gear Drive with Infinitely Variable Torque

Maximum Rotary Torque: 30,000 ft.-lbs. (40,674 Nm) @ 0-50 RPM

Maximum Rotary Speed: 95 RPM

Rotary Motors: (2) Hydraulic 110cc Axial Piston/Variable Displacement

Rotary Brakes: (2) Spring Applied/Hydraulic Release
 Fluid Course: 3 in. (76 mm)

Maximum Flow: 650 U.S. Gallons (2,460 L)/minute
 Maximum Pressure: 1,500 psi (103 bar)

Slip Spindle: 4 1/2 in. (114.3 mm) API-IF Pin

Mud Swivel: Rear Mounted, 4 N.P.T.L.H. x 3
 Other Features: Wiggle Steer®, Adjustable Torque Limiter, Digital Tachometer

Safety

Safety Features

- es!Lok® – Exit Side Lockout System with 5,280 ft. (1,609 m) Range
- ZAPALERT Electrical Detection Device
- Emergency Shutdown Switch at Operators Console
- Attachable Handrails for Full Length Thrust Frame Walkway

Drill Rig

Crane: OPTIONAL Drill rig mounted with 4,300 lbs. (1950 kg) lift rating
 Drill Angle: 10° - 18°
 Drill Pipe: Range II - 34 ft. (10.4 m)
 Travel System:

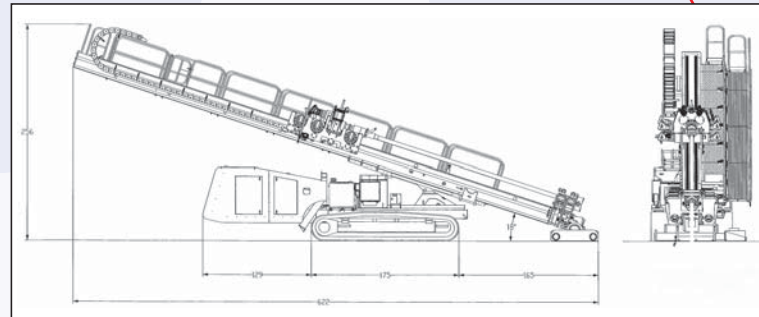
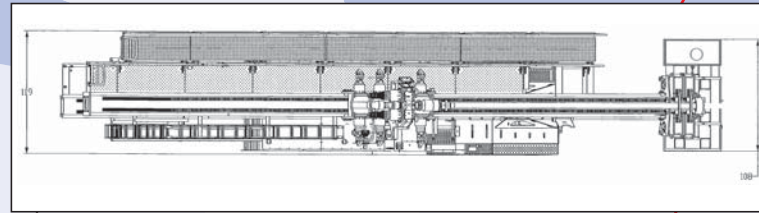
- Self-Propelled on Undercarriage Track Crawler Assembly
- Travel Speed: 2 mph (3.22 kph)
- Ground Brearing Pressure: 8.6 psi (0.59 bar)

Wrench

Wrench Style: Open Top with 10 in. (254 mm) Separation
 Clamp/Grip Range: 2 3/4 in. – 10 3/4 in. (70 - 273 mm) OD
 Maximum Breakout Torque: 60,000 ft.-lbs. (81,350 Nm)
 Maximum Makeup Torque: 25,000 ft.-lbs. (33,900 Nm)

Dimensions

Length: 52 ft. 6 in. (16 m)
 Width: 8 ft. 1 in. (2.46 m)
 Height: 13 ft. 6 in. (4.1 m)



Weight

Total Weight: 61,000 lbs. (27,669 kg) w/o crane

Environmental Commitment

American Augers is committed to manufacturing equipment that helps to preserve the sanctity of the global environment, and has done so by reducing noise and/or emissions outputs, and emphasizing the fact that our trenchless technology equipment requires little or no open cutting, which has very minimal impacts on natural surfaces, features, or habitats.

*Note: All product performance specifications, components, weights, dimensions and other related information is subject to change without notice from the manufacturer.

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A AMERICAN AUGERS®

an Astec company



DD-220T

Horizontal Directional Drill

DD-220T

Horizontal Directional Drill

The American Augers line of underground construction equipment is second-to-none.

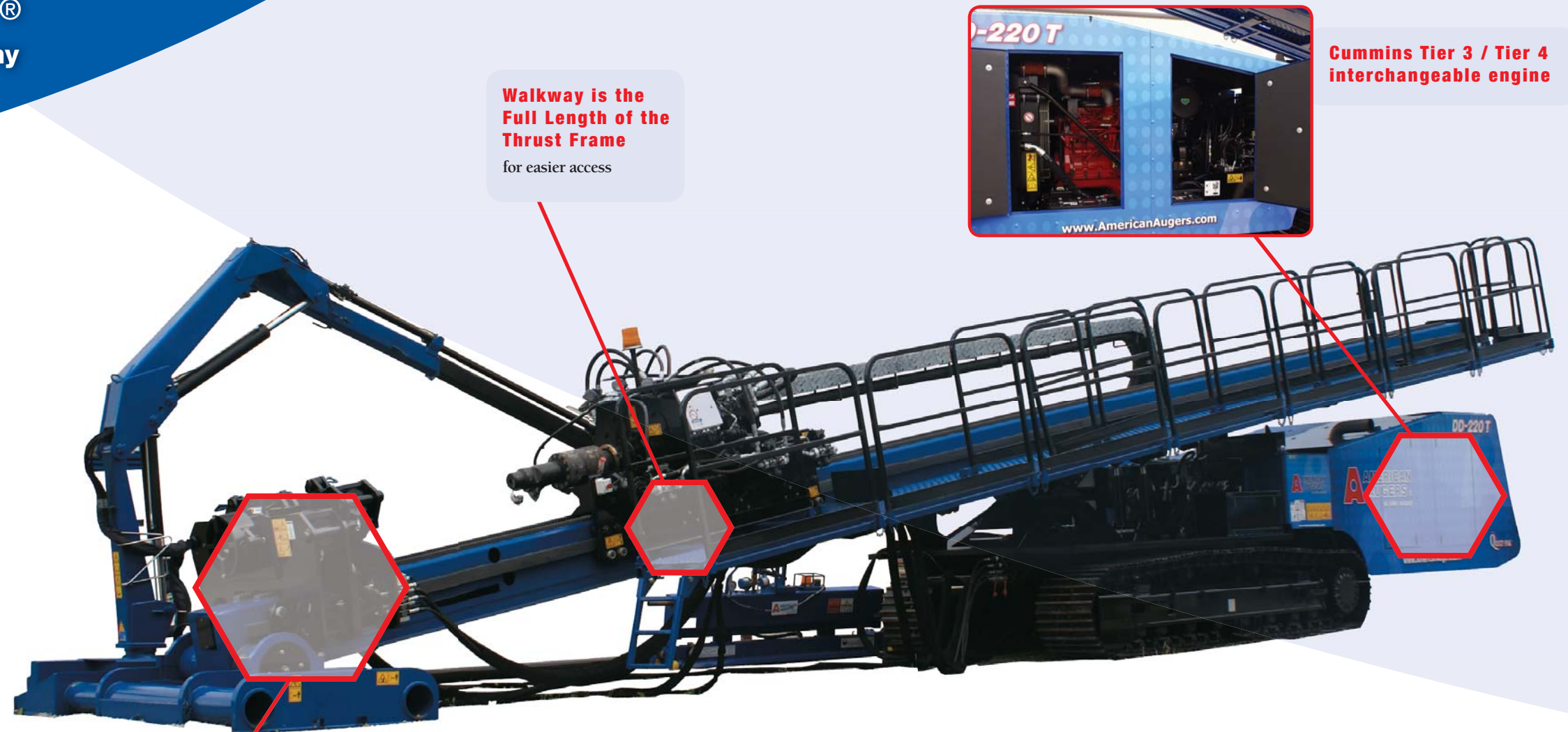
- Auger Boring Machines
- Maxi-Rig & Mid-Size Directional Drills
- Oil & Gas Drilling Rigs
- Mud Pump & Cleaning Systems
- Product Tooling & Accessories

American Augers products are manufactured at the company's 241,000 square-foot facility in West Salem, Ohio, in the heart of Amish country between Columbus and Cleveland.

Since the founding of American Augers in 1970, there has never been a change in the company's core value: having products developed by a can-do work force that focuses on mechanical, technological and customer-based design improvements. Our goal is to always exceed customer expectations by providing products that are not a cost of doing business, but an **Investment in Success.**

Did You Know? American Augers was the first HDD manufacturer to eliminate chain and utilize a rack and pinion carriage design which is now the industry standard. Our rack and pinion drive provides smoother carriage movement, more precise operating control, long system life and no complicated parts.

American Augers machines are supported through a dedicated parts and technical service department. We are here to help whenever you need us 24 hours a day, 7 days a week, emergency or not.



Walkway is the Full Length of the Thrust Frame
for easier access



Cummins Tier 3 / Tier 4 interchangeable engine



Optional Knuckle Boom Crane
makes pipeloading easy and safe.

Microprocessor Controlled



Optional ISO-Style Driller's Cabin
for export offloading and rugged reliability

*Equipment shown with custom graphic package.