

DD600

DIRECTIONAL DRILL



A AMERICAN
AUGERS®
DON'T GO IT ALONE.

DD600

With all-new, state-of-the-art features, the DD600 is ready to take on any jobsite. Eliminate DEF with a new engine design, and get things done with 600,000 lbs of thrust and pullback. Combine that with an innovative open-top wrench layout and a brand-new cabin, and you have a drill that's in a class of its own.



A Cable and hose connections are waist-high for yet another way to make setup quick and simple.

A With a weight of just 95,000 lbs—including wrenches and full fluids—it meets standard permitting, saving you time and money.



A Diesel exhaust fluid (DEF) isn't required, simplifying the engine, making maintenance easier, lowering costs, and eliminating downtime.

A The front foot design offers a simple pinned retention foot that's both strong and easy to connect and disconnect.

A A hydraulic catwalk allows for one-person setup, and fold-down handrails don't have to be removed for transport.

DD600

NEW CABIN DESIGN

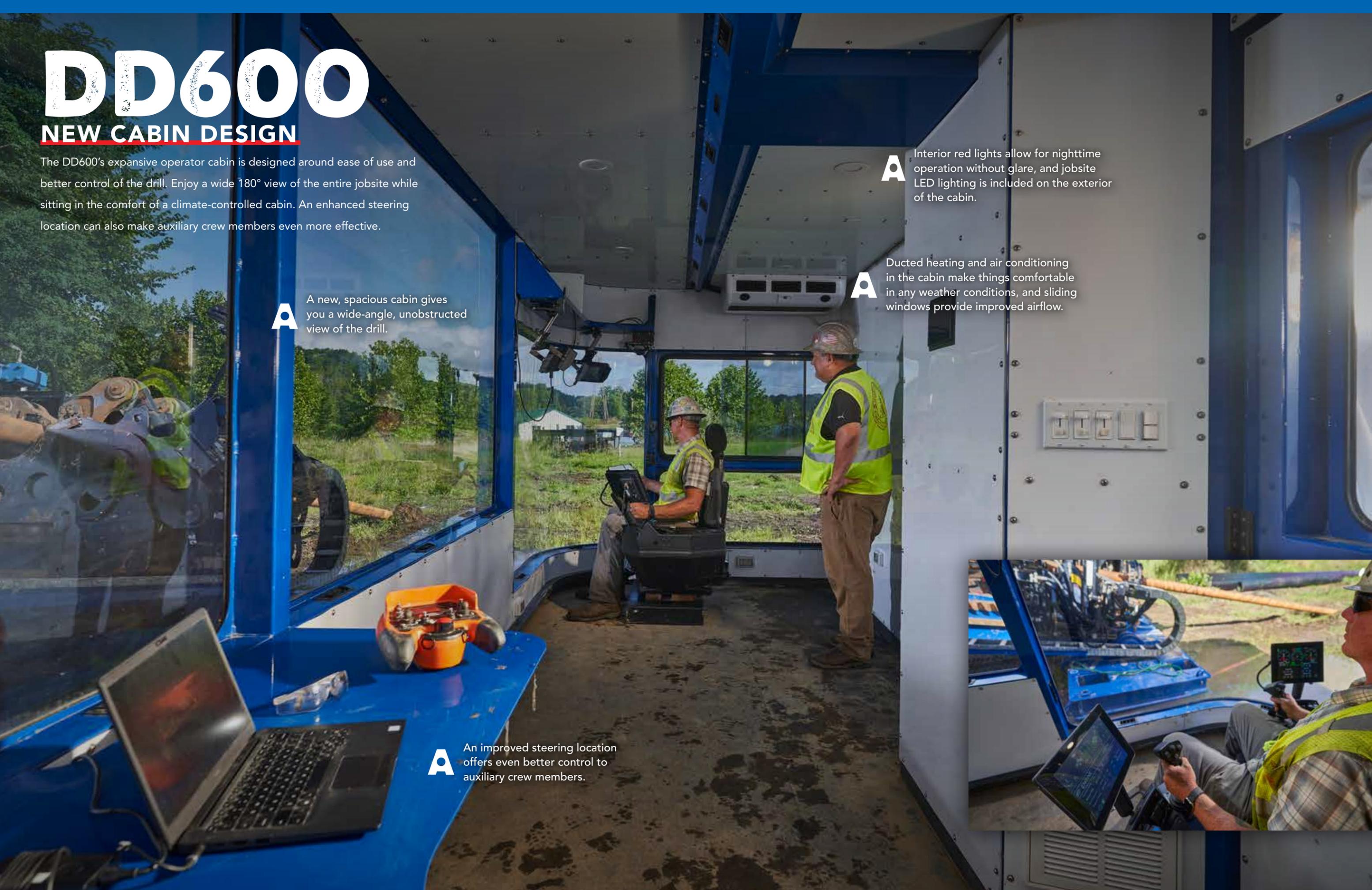
The DD600's expansive operator cabin is designed around ease of use and better control of the drill. Enjoy a wide 180° view of the entire jobsite while sitting in the comfort of a climate-controlled cabin. An enhanced steering location can also make auxiliary crew members even more effective.

A A new, spacious cabin gives you a wide-angle, unobstructed view of the drill.

A An improved steering location offers even better control to auxiliary crew members.

A Interior red lights allow for nighttime operation without glare, and jobsite LED lighting is included on the exterior of the cabin.

A Ducted heating and air conditioning in the cabin make things comfortable in any weather conditions, and sliding windows provide improved airflow.



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REVOLUTIONARY DESIGN

The DD600 is also designed to save you time. Features like easy transportability and a brand-new, open-top wrench design with dual rotation cylinders mean added reliability and convenience that you can count on.

A Designed to transport without removing the wrenches, you'll save hours in disassembly time every time you need to move the DD600.

A Route blow-down through the foot and into the pit, increasing comfort for both the operator and the crew.

A An open-top wrench design offers better visibility and makes things easier than ever to service. Plus, floating die heads that conform to the pipe offer better grip and reduce die wear.

A Dual rotation cylinders guarantee even and higher breakout force for extra reliability.

A Patented, free-spin capability allows the DD600 to operate as a catch rig for breakout, increasing jobsite versatility.



DD600

SPECIFICATIONS

| POWER TRAIN | U.S. | METRIC |
|-----------------------------------|------------------|--------------|
| Engine | Cat® C18 | |
| Emissions compliance | | |
| | EPA Tier 3 | EU Stage III |
| | EPA Tier 4 Final | EU Stage V |
| Manufacturer's gross power rating | 755 hp | 578 kW |
| Fuel capacity | 200 gal | 757 L |
| Hydraulic capacity | 100 gal | 378.5 L |
| Muffler | DOC | |

CARRIAGE SYSTEM

| | | |
|---------------------|--|------------|
| Carriage system | 4 Pinion drive w/ adjustable force limiter, 3 speed ranges | |
| Thrust/pullback | 600,000 lb | 272 Tonnes |
| Carriage speed, max | 120 ft/min | 37 m/min |
| Carriage motors | 4 Radial piston w/ variable displacement | |
| Carriage brakes | 4 Spring applied w/ hydraulic release | |
| Gearbox | 4 Planetary gearboxes | |

ROTARY SYSTEM

| | | |
|---------------------|--|-------------|
| Rotary motors | 4 Radial piston w/ variable displacement | |
| Rotary torque, max | 100,000 ft-lb | 135,581 Nm |
| Rotary speed, max | 130 rpm | |
| Rotary brakes | 2 | |
| Fluid course | 3.5 in | 88.9 mm |
| Flow, max | 825 gal/min | 3,122 L/min |
| Fluid pressure, max | 1,500 psi | 103 bar |

WRENCH

| | | |
|----------------------|---------------|------------|
| Clamp/grip range | 3.5-11.25 in | 89-286 mm |
| Breakout torque, max | 243,000 ft-lb | 329,465 Nm |
| Makeup torque, max | 182,000 ft-lb | 246,760 Nm |

DRILL RIG

| | | |
|-------------|-------------------------|--------------------------|
| Drill pipe | Range II | |
| Drill angle | 8.5-18° | |
| Cabin | 12 ft and 20 ft options | 3.65 m and 6.1 m options |

DIMENSIONS

| | | |
|--------|---------|--------|
| Length | 52.6 ft | 16 m |
| Width | 8.33 ft | 2.54 m |
| Height | 11.5 ft | 3.51 m |

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

