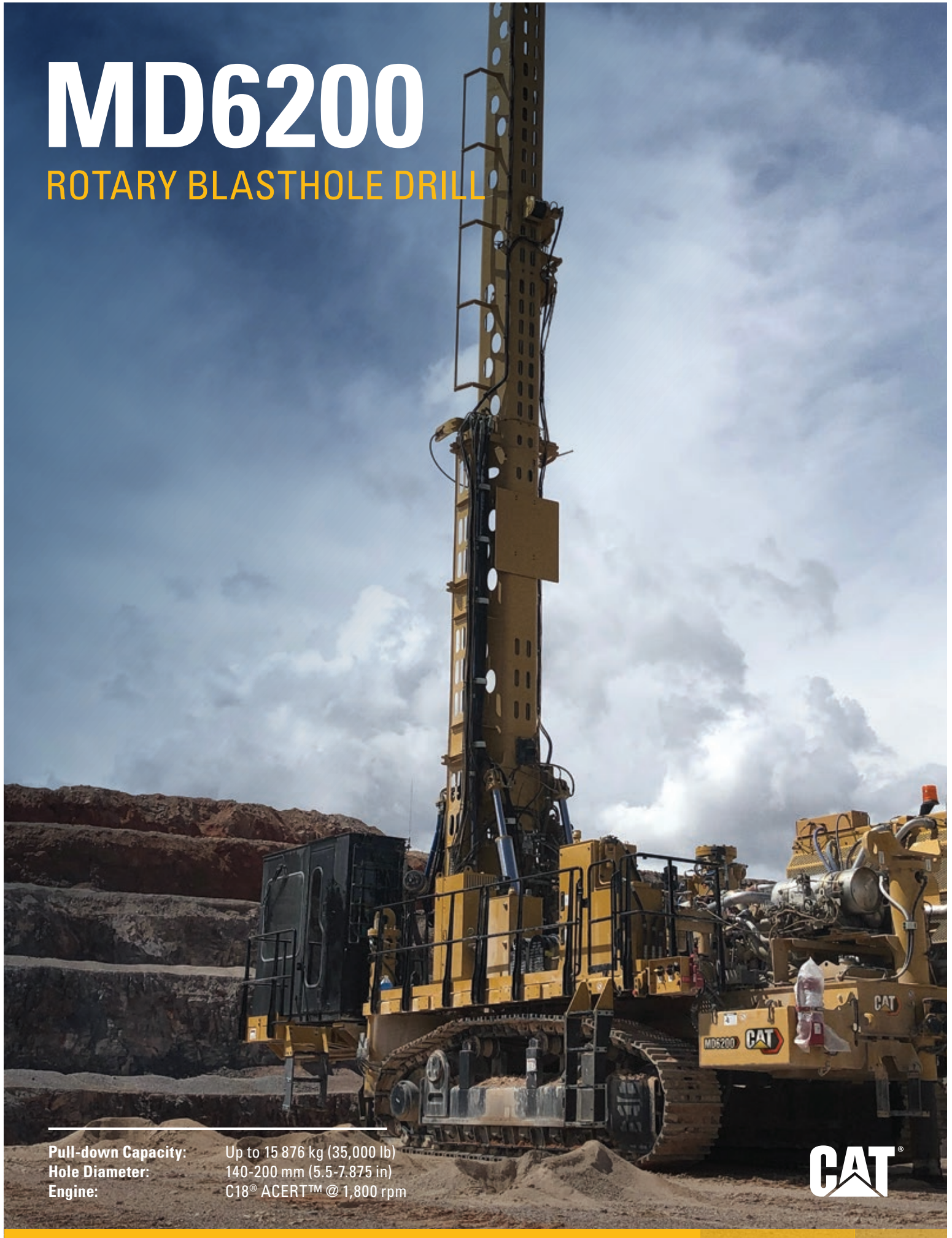


# MD6200

## ROTARY BLASTHOLE DRILL



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**Pull-down Capacity:** Up to 15 876 kg (35,000 lb)  
**Hole Diameter:** 140-200 mm (5.5-7.875 in)  
**Engine:** C18® ACERT™ @ 1,800 rpm





SMALL DRILL.  
BIG RESULTS.

# THE CAT® MD6200

The MD6200 is our smallest, most transportable rotary blasthole drill yet. But don't let its size fool you; the MD6200 is a powerful, rugged machine that can stand up to the conditions of any site and deliver reliable performance with high availability.





## POWERFUL AND VERSATILE

The MD6200 is designed to provide an optimal mix of onboard air, feed force, rotary torque and machine mobility. It's fast and flexible enough to move around your site quickly, but it offers the power and durability you expect from a production blasthole drill.



# EXCEPTIONAL TRANSPORTABILITY

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## A SMALL MACHINE ENVELOPE

The MD6200 is designed for transportability. From its shipping envelope to its maneuverability, it comes equipped with a number of features that allow it to travel from hole to hole and site to site quickly and easily — so you can get to work faster.

Its small size makes setup quick and easy, reducing time between holes and allowing you to blast and begin downstream operations sooner. And its rugged, Cat® 336 excavator-style undercarriage offers world-class traction and drawbar pull, so it can move quickly and comfortably across the tough conditions of your mine or quarry.

And when it's time to move to another site, the MD6200 can be transported with the mast on — simply roll it onto a truck and move on to the next job.





## MATCHED POWERTRAIN

The MD6200's C18 engine is integral to the machine, and rated to meet specific loads generated by the compressor and hydraulics, delivering better fuel economy. Both high-pressure and low-pressure compressor configurations offer variable volume air control, perfectly matching the compressor output to the drill tool and application needs. It also lowers stand-by pressures while the machine is idle, further improving fuel consumption.

# CAB AND OPERATOR STATION FOR SAFETY AND COMFORT


The MD6200 cab  
offers the comfort and  
control you expect  
from a Cat machine



Three  
standard  
cameras give  
the operator  
excellent  
visibility

Full-length  
driller window  
for exceptional  
visibility of  
drill deck





Multifunction  
joystick  
controls and  
touchscreens  
are easy and  
intuitive to use

An optional  
heated and  
ventilated  
seat keeps  
your operator  
comfortable  
and productive  
throughout  
the shift



## CAT TECHNOLOGY

A number of technology options make the MD6200 even more productive and efficient. Machine health and performance monitoring technologies help you make sure you're getting the most out of your drill at all times. The drill depth monitoring system helps reduce over- and under-drilling, reducing rework.

Drill Assist automated functions

- » Auto Level (and auto retract jacks)
- » Auto Mast (raise and lock mast, then unlock and lower to rest)
- » Auto Drill (single-pass)

The MD6200 is ready for Cat Terrain, a guidance technology that can increase drilling accuracy and reduce consumable use.





## CAT ELECTRONICS — THE BACKBONE OF THE MACHINE

The MD6200 is controlled through proven Cat electronics, with an electronic architecture your technicians are familiar with from other Cat machines. Integrated machine protection features and interlocks help keep your operators safe, and the machine up and running by helping to prevent potential failures or misuse.

With Cat Electronic Technician (Cat ET), troubleshooting is quick and easy. The MD6200's electronics also provide a common platform for the integration of a number of future autonomy solutions.



# TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

BASIC SPECS		
Hole diameter range	140-200 mm	5.5-7.875 in
Hole depth range		
Single-pass depth	11 m	36 ft
Multi-pass depth	Down to 47.58 m	Down to 156 ft
Pull-down capacity	Up to 15 876 kg	Up to 35,000 lb
Hoist capacity	Up to 11 907 kg	Up to 26,250 lb
Hoist speed	1.32 m/sec	4.3 ft/sec
Bit load (single-pass)	16 964 kg	37,400 lb
U.S. EPA Tier 4 Final		
Engine	C18 @ 1,800 rpm	
Emissions	U.S. EPA Tier 4 Final	
Power rating (ISO 14396)	439 kW	589 hp
U.S. EPA Tier 2 equivalent		
Engine	C18 ACERT @ 1,800 rpm	
Emissions	U.S. EPA Tier 2 equivalent	
Power rating (ISO 14396)	438 kW	587 hp
Compressor, Rotary drilling	32.6 m³/min (1,150 ft³/min)	@ 8.6 bar (125 psi)
Compressors, DTH drilling	29.7 m³/min (1,050 ft³/min)	@ 24.1 bar (350 psi)
Angle drilling available	0° to 30°	in 5° increments

ENGINE FEATURES	
+ Dual starter motors	
+ Ether starting aid	
+ Tier 4 Final package complete with DEF/Engine Shutdown Control Package	

COMPRESSOR OPTIONS	
DTH drilling	Includes tool lubrication system
1050 cfm/350 psi	29.7 m³/min (1,050 ft³/min)
	@ 24.1 bar (350 psi) with
	113.5 L (30 gal) tool oiler
Rotary drilling	Optional tool lubrication system
1150 cfm/125 psi	32.6 m³/min (1,150 ft³/min)
	@ 8.6 bar (125 psi)
+ With the compressor's variable volume control, the operator can limit air output resulting in reduced fuel consumption.	
+ Electronic compressor control and regulation	

RECEIVER TANK OPTIONS	
+ Low pressure 8.6 bar (125 psi)	
+ High pressure 24.1 bar (350 psi)	

COOLING	
+ Coolers with easy cleaning access	
+ All cooler core sections are replaceable	
+ Functional in ambient temperature of up to 52° C (125° F)	
+ Automatic variable speed fan control	

CLIMATE CHOICES	
Climate Level 1 Standard fluids and lubricants	
+ Rated down to -1° C (30° F)	
+ Withstands high heat up to 52° C (125° F)	
Climate Level 2 Arctic fluids and lubricants, engine block heater 120V or 240V	
+ Rated down to -18° C (-0.4 F)	

FRAME AND WORK DECK	
+ Jacks, mast pivot and walkways are welded integrally to mainframe for maximum durability and long life	
+ Three-jack leveling system for safer, faster cycle times	
+ Slip resistant surfaces	
+ Fuel tank capacity 833 L (220 gal)	
+ Heavy duty tow hooks (non-drill end)	
+ Four (4) lift lugs, for use with cables or chains	

FRAME ACCESS CHOICES	
+ Fixed access steps to the cab area	
+ Small platform to the cab includes fixed access steps (optional)	
+ Platform access to the cab with full length service access walkway includes fixed access steps and self-closing gates (optional)	

DRILL DECK MISC.	
+ Drill pipe thread greaser with reloadable tank or disposable grease bucket	

UNDERCARRIAGE		
Model	Cat® 336 Excavator type	
Lower rollers	Eight (8)	
Carrier rollers	Three (3)	
Track chain guards and guides		
Drawbar pull	262 000 Nm	193,241 lbf-ft
Travel speed		
High	3.3 km/h	2.0 mph
Low	2.1 km/h	1.3 mph
Triple grousers	600 mm	23.6 in

HYDRAULICS	
+ Two (2) main pumps – 85 cc (piston with proportional electronic controls)	
+ One (1) auxiliary circuit pump – 145 cc (piston, load sensing)	
+ One (1) fan pump – 45 cc (piston with proportional electronic controls)	
+ One (1) charge pump – 73.8 cc (gear, fixed displacement)	
+ Scheduled Oil Sampling (S-O-S <sup>SM</sup> ) ports	



### MAST AND PIPE CAROUSEL FEATURES

- + Pipe carousel: Accepts quantity of four (4) 9.14 m (30 ft) pipes
- + Standard angle drilling package (0 to 30 degrees, in 5 degree increments)
- + Hydraulically actuated, self-indexing pipe carousel accepts pipe diameters up to 152 mm (6.0 in)
- + Drills strings configured for bit changes above deck
- + Single cylinder pulldown/hoist system
- + Sliding deck wrench assembly
- + Configured with roller deck bushing (for low pressure/tricone drilling) or two-piece deck bushing (for high pressure/DTH drilling)
- + Overhead winch with cable and hook plus remote control; variable speed drive with a 1361 kg (3,000 lb) rating
- + Variable grip hydraulic break out wrench grip range 101-152 mm (4.0-6.0 in)
- + Closed circuit camera mounted in mast to view pipe carousel/top drive operation
- + Pipe positioner for angle drilling, multi-pass pipe handling
- + Manual pipe catcher – One (1) wire rope

### MAST PACKAGES

Single-pass depth	11 m	36 ft
Multi-pass depth	Down to 47.58 m	Down to 156 ft
Pulldown – rated single cylinder pull-down/ hoist system	Up to 15 876 kg	Up to 35,000 lb
Hoist	Up to 11 907 kg	Up to 26,250 lb

### TOOL PACKAGE ROTARY

- + One-piece roller deck bushing
- + Pipe positioner claws
- + Deck wrench
- + Top sub
- + Bit sub
- + Pipe wiper seal
- + Drill tool lubricator (optional)

### TOOL PACKAGE DTH

- + Two-piece bushing
- + Pipe positioner claws
- + Deck wrench
- + Shock sub with cross over adapter
- + Cross over sub
- + Pipe wiper seal
- + Drill tool lubricator is included with selection of DTH Compressor

### DRILL PIPE

9.14 m (30 ft) pipes – Accepts quantity of four (4)

101 mm	4.0 in
114 mm	4.5 in
127 mm	5.0 in
140 mm	5.5 in
152 mm	6.0 in

### ROTARY HEAD TOP DRIVE SYSTEM

Torque, single motor	8360 Nm	6,166 lbf-ft
Rotation speed	0-150 rpm	
<div>+ Output shaft with box-end API-IF (NC46) 101 mm (4 in) thread</div> <div>+ Rotary torque control</div> <div>+ Virtual rotary head travel interlocks</div>		

### AUTOMATION AND TECHNOLOGY

- + Drill depth indicator and interlocks
- + Product Link™ Elite\*
- + Drill Assist automated functionalities
  - Auto Level (and auto jacks retract)
  - Auto Mast (raise, lower and lock into place)
  - Auto Drill (single pass)
- + Cat MineStar™ Terrain for drilling\*

\* Software license required (sold separately). Contact your dealer for more information.

### DUST CONTROL CHOICES

Water injection – tank mounted below front deck	757 L	200 gal
+ Water flow meter, volume control, tank fill level indicator		
Water injection plus dust collector		
+ 76.5 m3/min (2,700 ft3/min) dust collector; includes standard water injection		
+ Self-cleaning filters, dust chute clean-out door		
High volume water injection (maximum) – tanks total capacity	1514 L	400 gal
Tank below deck – capacity	757 L	200 gal
Tank above deck – capacity	757 L	200 gal
<ul style="list-style-type: none"> <li>+ Static dust curtains, four sides boxed enclosed</li> <li>+ Dust curtain hydraulic lifter raise front dust curtain (option) (recommended with dry dust collector)</li> <li>+ Tram off spray system (option)</li> </ul>		



# MID6200 ROTARY DRILL

For more complete information on Cat products, dealer services and industry solutions, visit us at [www.cat.com](http://www.cat.com)

PEDJ0477-02

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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