



DRILL
more
WITH
LESS

CAT® TRACK DRILLS





A number of features make the MD5075 one of the most productive drills in the marketplace. It offers the largest pattern coverage in its class thanks to a telescopic boom and feed, which also means fewer setups are required. The new carousel rod changer is fast and easy to maintain, and the HPR series of rock drills has the fewest internal parts in the industry for less wear and repair.

more KNOWLEDGE LESS UNCERTAINTY

Drills have been used to break ground since primitive times. Early miners using hand drills employed the “hammer and tap” method until the industry was revolutionized by the development of machine drills in the 1800s. Today, much of the world’s mining, quarry and construction work involves drills.

The Cat® Track Drill family is the result of nearly a century of experience and innovation in the drill market. Our manufacturing facility in Denison, Texas, USA, has been producing drills since 1975. There we combine the knowledge and experience of several market-leading drill manufacturers with product lines dating as far back as 1933. We service and support all the drills that make up our current product line through our global dealer network.

We continually evaluate our track drills in every application and environment around the world, and listen to our customers to find out how we can build products that make drilling faster, easier and safer.

We’re proud of our history in the drill market, but we recognize that there are always improvements to be made and innovations to discover. And Caterpillar plans to be at the forefront of that evolution.



more COVERAGE LESS effort

We understand that the more quickly and cost-effectively you complete a job, the greater your profitability. That's why we design Cat track drills to be flexible enough for any application—with vast pattern coverage and a variety of options to let you set up quickly and easily for maximum efficiency.

A sturdy frame and undercarriage allow you to quickly tram across uneven terrain. A variety of boom options make it possible for our drills to reach over, under and around obstacles for easy setup and more drilling. These booms extend reach and add flexibility to the drill's already expansive pattern coverage. A 360-degree turntable option brings unmatched pattern flexibility and allows the drill to operate in tight environments and on steep inclines.

We also offer a no-cab, no-enclosure model that offers a light, maneuverable alternative for quick drilling and easy transport. With an operator station on the main body and another on the boom, the Cat MD5090 offers quick transportation, easy setup, large pattern coverage and excellent visibility at a lower cost than cab-included models.



The MD5125 has a unique swing and tilt cab design that makes it possible for the operator to stay away from noise and the hazardous environments encountered in a mine site or on a construction jobs. The design also offers enhanced pattern coverage, as well as tilt for leveling on rough terrain.





1. Ground-level access to components is safe and fast for easy maintenance.
2. The MD5150 has a slide-out battery tray for quick and easy access.
3. Well-organized electric systems feature point-to-point wiring for quick repairs.
4. Logically located components and a spacious canopy leave ample room for servicing.
5. Many models feature the superior carousel rod changer.
6. All hydraulic hoses are neatly arranged and identified for efficient maintenance.
7. Simple arrangements and easy access make Cat drills a favorite of technicians.
8. Building on a legacy of simplistic power, Cat rock drills have long life expectancy and are field serviceable.
9. Grouped filter locations are standard to help minimize movement around the machine.



more uptime **LESS** MAINTENANCE

When a machine is down for servicing, the loss in productivity has a direct result on the profitability of your operation. So we design our products to stand up to the harshest conditions, and make them easy to service when maintenance is required.

They're built with high-quality steel to stand up to the punishing circumstances common in mining and construction environments. The frame and boom are made of rectangular steel tubing, reinforced in high-stress areas to provide thousands of hours of trouble-free service. And our rock drills are also built to last, with durable high-alloy bushings and fewer moving parts than any competitor's model.

Service points are grouped at ground level to make day-to-day maintenance a quick, one-person job. The circuit panel is organized for straightforward electrical work, and well-organized hydraulic arrangements enable efficient maintenance. Cat rock drills are designed to be field-serviceable, so your technicians can service them on the spot with no need for clean rooms or specialized workshops.

Durable materials, quality construction, easy-access maintenance points and field serviceability combine to keep Cat drills where they belong: on the job.





The MD5150 represents the next generation of Cat track drills. We combine our legendary rock drills and simple design with top horsepower and the industry's largest compressor for big air. The new, lightweight carousel rod changer and blazing fast set-ups make the new 5150 the industry benchmark.

more INTELLIGENCE LESS stress

When you asked for a drill that works smarter and faster than ever before, our engineers delivered with a number of intelligent options and features to improve drilling operations. These technologies reduce stress on your machines, as well as on those who operate them.

Cat track drills feature an optional Smart Drill Monitoring system, which helps improve efficiency and prevent damage to the machine by adjusting performance to meet your site's specific conditions. It offers a variety of functions that help novice operators learn quickly and safely, and veteran operators work efficiently in tough conditions.

Another optional feature, the Cat Monitoring System, keeps watch over engine health, monitoring critical engine system functions and derating the engine if necessary to protect it from damage. And with the addition of Product Link™, you can maximize drill utilization through remote fleet monitoring, asset tracking and maintenance management, which are reported remotely.

These technologies and innovations can improve the way you operate today and will serve as the foundation for the future. We're exploring every innovation and leveraging those that are proven to benefit you by improving safety and sustainability, lowering costs, increasing profitability and boosting efficiency.






more PRODUCTIVITY LESS setup

Whether you're starting a new job or expanding an existing site, your production machines can't get started until the drill finishes its work. That's why we built our track drills to set up and drill faster than ever before. A number of design features and technologies make it possible for you to spend less time getting ready to drill and quickly finish the job.

Cat drills provide wide pattern coverage, and our telescopic booms further extend that reach. A sturdy undercarriage and frame allow quick and safe tramming, even in rough terrain, for faster setup. Our unique carousel rod changer weighs less, takes up less space and changes rods quickly. This lets our track drills tram faster, work in tighter conditions and drill more quickly.

Engines are sized to give our track drills the power they need to break through rock quickly and efficiently, while our rugged rock drills make short work of even the toughest rock. And powerful air compressors quickly clear away rock and dust to keep the drill moving—saving you time and money.



The MD5090 offers a no-cab design, with or without enclosure, for lighter weight, fast setups and high maneuverability for easy transport between job sites. This cost-effective alternative to drills with cabs offers maximum visibility and a wider boom swing so more holes can be drilled with fewer setups required. The MD5090 delivers high productivity, thanks to its world-class rock drill, large pattern coverage, and sturdy, telescopic boom and feed.



The quiet, climate-controlled cab features a comfortable operator seat with responsive controls and excellent visibility with a skylight to see the top of the feed.

more SAFETY FEATURES LESS RISK

You consider the safety of your workers a top priority. And we're committed to helping you meet your safety goals. Caterpillar considers the safety of everyone in, on or around Cat equipment when we build new products or develop enhanced safety features for existing products.


Cat Track Drills are designed with safety in mind. Our cabs feature Falling Object Protective Structures (FOPS) and Rollover Protective Structures (ROPS) to keep the operator safe in potentially dangerous environments. They also have front window push-out egress in case the primary exit from the cab is blocked or malfunctioning.

Multiple emergency shutdowns are located in the cab and on the feed, including a feed-mounted swipe string and a pedal in the cab. Ground-level access points keep service technicians on the ground during maintenance, removing the need for a ladder and reducing the risk of injury.

Spring-applied, hydraulically released brakes prevent the drill from moving unexpectedly during operation or service. A quiet, climate-controlled cab with a comfortable seat, excellent visibility and responsive controls keeps operators alert and responsive during tramming or drilling.



1. The MD5125 has a unique cab with a swing and tilt design that keeps the operator further from the highwall.
2. The new carousel weighs less but holds more rods, which aids in stability of the machine.
3. Multiple emergency shutdowns are located in the cab and on the feed, including a feed-mounted swipe string.
4. The MD5090 no-cab model provides maximum visibility.



more DRILLING LESS impact

Social and environmental responsibility is a way of life at Caterpillar. It's mandated in our Code of Conduct that we follow sustainable policies and practices in the way we design, engineer and manufacture our products.

We recognize that you, too, make running a safe and environmentally responsible business a top priority.

And we're committed to finding solutions that help you in that effort.

We've integrated new technologies and innovations in our track drills to minimize their environmental impact in a number of ways. A powerful dust collection system and quiet operation limit impact on nearby communities and other workers on site. Three-speed throttle control improves fuel economy, and our Smart Drill



The MD5050T, which provides a unique 360-degree turntable for unmatched pattern flexibility and increases in safety, also contributes to your sustainability goals. Its three-speed throttle control allows you to use less fuel, and the Auto-lube feature is clean and efficient. And like all Cat drills, the 5050T benefits from remanufactured parts, and is rebuildable for less environmental impact.



Monitoring system regulates power for efficient operation. In addition, our Auto Rock Drill Lube System is cleaner and more efficient than manual lubrication, and helps prevent waste and spillage of grease.

We also preserve raw materials, conserve energy and reduce emissions through Cat Reman. By returning end-of-life components

to like-new condition instead of making new parts, we preserve our natural resources and extend the life of our machines. We also offer major component rebuilds, allowing you to replace part of a machine rather than the entire thing. We're constantly researching ways for our machines to operate with alternative sources of energy such as biofuels, liquefied natural gas, electric power and hybrid technology.



more support **LESS** W O R R Y

Part of the value of Cat equipment comes not from the products themselves, but from our unique Cat dealer network. Whether you need service, support or a new machine, you make one call—to your local Cat dealer.

Our dealers operate as nearly 200 individual local businesses—each one fully embedded in and committed to the geographic area it serves. So you work with people you know, who know your business, respond to you on your timeframe and care about making the community a better, safer place to live and work.

From the industry's best parts distribution network to expert service diagnosis, from planned maintenance programs to component rebuilds, Cat dealers work with you to help maximize machine productivity and minimize costs. They share their knowledge, helping you understand your machine ownership and operating costs so you can make informed decisions about rebuilding and replacement options. They help you lower costs with technologies like wireless data communication, machine monitoring, diagnostics, and business management software. And they partner with you to help you improve safety, operations, maintenance, and supply and inventory efficiency.





GLOBAL DEALER NETWORK

We've built an extensive network of nearly 200 locally owned businesses in over 200 countries. So wherever you operate, there is a dealer nearby to provide world-class service and support for your Cat equipment. To locate a dealer, visit www.cat.com/dealer.

The Cat MD5050/MD5050 T Track Drill helps you improve the efficiency of your operation and reduce operating costs by delivering fast cycle times, enhanced maneuverability, broad pattern coverage, a highly reliable rock drill and fast setups. Durable Cat components and maintenance friendly designs lead to a long equipment life cycle.

PRODUCTIVITY

- 360-degree turntable for extreme maneuverability and the ability to work in tight spaces (MD5050T)
- Vast pattern coverage with both models thanks to the 3.04 m / 10 ft telescopic boom and extensions
- Powerful rock drills that are robust and field serviceable
- Carousel rod changer for reduced rod-change times
- SmartDrill Drilling System, which minimizes overfeeding and reduces plugs and jams

RELIABILITY

- Sturdy frames and robust booms and feeds
- High-quality, long-lasting, field-proven components

SERVICEABILITY

- Ground-level access to all major service points
- Well-organized electrical and hydraulic arrangements
- Color-coded valves and blocks for easy identification and troubleshooting

MD5050



HOLE DIAMETER	63.5 – 102 mm / 2.5 – 4 in
HOLE DEPTH MAXIMUM	31 m / 102.5 ft
ENGINE	Tier 3 4 cylinder turbocharged
POWER	150 kW / 203 hp @2,100 rpm
AIR COMPRESSOR	7 m ³ per min / 250 cfm
CAROUSEL ROD CHANGER	45 or 51 mm / 1.8 or 2 in
ROCK DRILL	HPR4519 19 kW / 25 hp

SOME FEATURES AND OPTIONS MAY NOT BE AVAILABLE ON ALL MODELS. CONSULT YOUR DEALER FOR A COMPLETE LIST OF STANDARD AND OPTIONAL FEATURES.

The Cat MD5075 achieves large pattern coverage with a sturdy extendable boom and reduces cycle times with an efficient carousel rod changer. Its powerful rock drill, durable Cat components, and ease of maintenance contribute to the value offered by this proven machine.

PRODUCTIVITY

- Largest pattern coverage in its class with a 3.81 m / 12.5 ft boom, plus a 1.5 m / 5 ft boom extension for fewer setups
- Optional knuckle boom for added maneuverability
- World-class power group, featuring Tier 3 Cat C9 engine and high pressure air compressor
- Powerful rock drills with a simple design that makes them field serviceable
- Superior carousel rod changer for reduced change times

RELIABILITY

- High-quality, long-lasting, field-proven components
- Sturdy frames, robust booms and feeds

SERVICEABILITY

- Ground-level access to all major service points
- Well-organized and simple electrical and hydraulic arrangements
- Color-coded valves and blocks for easy identification and troubleshooting

MD5075

HOLE DIAMETER	76.2 – 127 mm / 3 – 5 in
HOLE DEPTH MAXIMUM	31 m / 102.5 ft
ENGINE	C9 Tier 3
POWER	224 kW / 300 hp @1,800 rpm
AIR COMPRESSOR	9.9 m ³ per min / 350 cfm
CAROUSEL ROD CHANGER	45 or 51 mm / 1.8 or 2 in
ROCK DRILL	HPR4519 19 kW / 25 hp



SOME FEATURES AND OPTIONS MAY NOT BE AVAILABLE ON ALL MODELS. CONSULT YOUR DEALER FOR A COMPLETE LIST OF STANDARD AND OPTIONAL FEATURES.

The MD5090 delivers high productivity by drilling more holes with fewer setups. These fast cycle times are made possible by a top-performing rock drill, large pattern coverage, and a power group that's ideally sized for drilling holes from 89-127 mm / 3.5-5.0 in. A no-cab, no-enclosure version is lightweight and easily accessible for service.

PRODUCTIVITY

- No-cab design, with or without enclosure, for high maneuverability, lighter weight and fast setups
- Vast pattern coverage thanks to the 3.81 m / 12.5 ft telescopic boom plus the 1.5 m / 5 ft boom extension
- Rock drill with the fewest internal parts in the industry for less wear and repair
- World-class power group, featuring Tier 3 Cat C9 engine and high pressure air compressor

RELIABILITY

- High quality, long-lasting, field-proven components
- Sturdy frames, robust booms and feeds

SERVICEABILITY

- No enclosures, which allows for full and constant visibility of components
- Logically located components, with ample room for servicing
- Well-organized hydraulic arrangements

MD5090



HOLE DIAMETER	89 – 127 mm / 3.5 – 5 in
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HOLE DEPTH MAXIMUM	22.1 m / 72.5 ft
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ENGINE	C9 Tier 3
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POWER	224 kW / 300 hp @1,800 rpm
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AIR COMPRESSOR	8.5 m ³ per min / 300 cfm
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MANUAL ROD RACK OR OPTIONAL LINEAR ROD CHANGER	45 or 51 mm / 1.8 or 2 in
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ROCK DRILL	HPR4519 19 kW / 25 hp
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SOME FEATURES AND OPTIONS MAY NOT BE AVAILABLE ON ALL MODELS. CONSULT YOUR DEALER FOR A COMPLETE LIST OF STANDARD AND OPTIONAL FEATURES.

Built tough, MD5125 Track Drills have reliable components, sturdy frames, and robust booms and feeds that contribute to outstanding availability. They are designed to be easy to service with conveniences such as ground-level access to all major service points and well-organized electrical and hydraulic arrangements. Two models are available: MD5125 C and MD5125 CL.

PRODUCTIVITY

- Swing cab—which swings up to 48 degrees away from a highwall to expand pattern coverage, and tilts 30 degrees to allow leveling on rough terrain and to provide maximum visibility
- Field-serviceable rock drills with simplistic power and long life expectancy
- Vast pattern coverage on the MD5125 C, with a 2.6 m / 8.5 ft boom plus an extension that adds 0.9 m / 3 ft; fixed boom on the MD5125 CL is 2.8 m / 9 ft and does not extend
- Feed and rod changers that can accommodate multiple lengths and diameters of drill steel

RELIABILITY

- High-quality, long-lasting, field-proven components
- Sturdy frames, robust booms and feeds
- Long-lasting, field-serviceable rock drills

SERVICEABILITY

- Ground-level access to all major service points
- Logically located components, with ample room for servicing
- Well-organized electrical and hydraulic arrangements

MD5125

HOLE DIAMETER	89 – 152 mm / 3.5 – 6 in
HOLE DEPTH MAXIMUM	30 m / 98.5 ft
ENGINE	Cat C11 Tier 3
POWER	242 kW / 325 hp @1,800 rpm
AIR COMPRESSOR	11.3 m ³ per min / 400 cfm
LINEAR ROD CHANGER	51, 60 or 68 mm / 2, 2.4 or 2.7 in
ROCK DRILL	HPR5128 28 kW / 37 hp



SOME FEATURES AND OPTIONS MAY NOT BE AVAILABLE ON ALL MODELS. CONSULT YOUR DEALER FOR A COMPLETE LIST OF STANDARD AND OPTIONAL FEATURES.

Maximum productivity is a key advantage with the Cat MD5150 Track Drill. Fast cycle times and a low operating cost are achieved through our customer-inspired designs such as top-of-class power and air, fast setups and a reliable rock drill. The equipment life cycle is long thanks to durable Cat components and maintenance friendly designs.

PRODUCTIVITY

- Top-of-class horsepower and the industry's largest compressor
- Superior carousel rod changer that is lightweight for faster setups
- World-class rock drill that is powerful, durable and field-serviceable—an industry first
- A boom that is 2.4 m / 8 ft and extends 0.9 m / 3 ft for larger pattern coverage with fewer setups
- Sturdy feed to support the drill and carousel
- Dust collection system that controls dusts and prevents fragments from falling back into the hole

RELIABILITY

- High-quality, long-lasting, field-proven Cat components
- Heavy-duty frame, boom and feed that handle rough conditions while still providing maneuverability
- Complete Caterpillar design—100 percent Cat components and sub-assembly

SERVICEABILITY

- Well-organized electrical and hydraulic arrangements
- Cat ET Software for quick and easy troubleshooting

MD5150



HOLE DIAMETER	88.9 – 152.4 mm / 3.5 – 6.0 in
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HOLE DEPTH MAXIMUM	31 m / 102.5 ft
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ENGINE	Cat C11 Tier 3
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POWER	287 kW / 385 hp @1,800 rpm
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AIR COMPRESSOR	15.1 m ³ per min / 534 cfm
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CAROUSEL ROD CHANGER	51, 60 or 68 mm / 2, 2.4 or 2.7 in
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ROCK DRILL	HPR5128 28 kW / 38 hp
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SOME FEATURES AND OPTIONS MAY NOT BE AVAILABLE ON ALL MODELS. CONSULT YOUR DEALER FOR A COMPLETE LIST OF STANDARD AND OPTIONAL FEATURES.

ROCK DRILLS

Your Cat track drill's productivity hinges on a key component—the rock drill. Tasked with hammering through rock, dirt and stone for hours on end, rock drills must be reliable and powerful to keep your operation productive and profitable.

Our rock drills are built tough to withstand challenging conditions, with high-quality components and fewer moving parts than any competitor's model. Fewer parts mean less wear, less maintenance and less replacement. Cat rock drills are also designed to be field-serviceable, so you can take care of day-to-day maintenance and repairs without taking your drill off-site. Some maintenance can even be done with the rock drill still attached to the feed.

The Auto Rock Drill Lube System, which automatically keeps the drill lubricated and cool, can save your operation downtime for maintenance. Automated lubrication also ensures proper lube intervals, which helps your components reach maximum life expectancy.

Because every application is different, we offer a variety of rock drills that can be used with different track drill models depending on your site-specific needs.





DRILL
more

W I T H
LESS

effort

MAINTENANCE

setup

W O R R Y

impact

R I S K

stress

CAT TRACK DRILLS

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