

# Cat<sup>®</sup> MD6240

**Hole Diameter 152-244 mm (6-9.625 in)**

**Low-cost of Ownership, Highly Productive**



**With bit load force of 24 000 kg (52,911 lb) and the capability to drill depths up to 55.47 m (182 ft) the MD6240 is well equipped to drill in hard or soft rock applications for hole size ranging from 152-244 mm (6-9.625 in). Our 15 m (49 ft) mast is ideal for single pass, high-production drilling. Many features incorporated into design of this drill assure higher productivity at lower operational cost.**

## Reliable with Sturdy Structures

The mast, integral A-frame, and mainframe are durable providing a strong platform needed for drilling in harsh conditions. Now with Cat<sup>®</sup> Undercarriage.

### Mast

- Two (2) mast heights 12 m/15 m (39 ft/49 ft)
- 25 degree angle drilling package and mast locks comes standard
- Heavy-duty ASTM A500 Grade B steel tubing on all four chords and cross members, creates a strong mast and reduces the material fatigue
- Designed with double-cut lacing in high stress areas to prevent cracking and assure long life
- Raise or lower full pipe rack and full drill string on the rotary head, in less than 40 seconds

### Frame

- Integral extension of the mainframe, providing a strong, low maintenance design
- Design assures structural integrity

### Cat Undercarriage

- Tram speed is 2.0 km/h (1.25 mph)
- Gradeability is 48% with the mast down

## Productive Power Group and Dust Collection

To achieve low cost, high efficiency drilling, your power group configuration is selected to match the needs of your specific geology and site conditions. Numerous configurations are available for:

- Low pressure rotary drilling
- DTH hammer drilling

Variety of choices to match your application demands, MD6240 has two (2) engine choices, four (4) compressors for both low pressure rotary or DTH hammer drilling and two (2) mast heights.

### Engine

- Cat C27, Tier 2 597 kW (800 hp) at 2,100 rpm
- Cat C27, Tier 2 652 kW (875 hp) @ 2,100 rpm

### Compressor

- 48 m<sup>3</sup>/min (1,700 ft<sup>3</sup>/min) @ 6.9 bar (100 psi)
- 33 m<sup>3</sup>/min (1,150 ft<sup>3</sup>/min) @ 10.3/24.1 bar (150/350 psi)
- 38 m<sup>3</sup>/min (1,350 ft<sup>3</sup>/min) @ 10.3/24.1 bar (150/350 psi)
- 38 m<sup>3</sup>/min (1,350 ft<sup>3</sup>/min) @ 10.3/34.4 bar (150/500 psi)
- 43 m<sup>3</sup>/min (1,500 ft<sup>3</sup>/min) @ 10.3/34.4 bar (150/500 psi)

### Dust Collection

- Rated at 127 m<sup>3</sup>/min (4,500 ft<sup>3</sup>/min)
- Separate water injection system
- Both dry and water injection systems can be mounted on the same drill

**BUILT FOR IT.<sup>™</sup>**



# Cat® MD6240

## Cab

The standard cab is a spacious 3 m<sup>2</sup> (32 ft<sup>2</sup>) with 10 tinted safety glass windows and cameras around the drill.

- Swiveling operator's seat
- Full view of work deck
- Heated and air conditioned

## Serviceable and Safety

- Wide walkways assure a safe operating area and more efficient maintenance
- Quick access to all major components for daily pre-start checks, preventive maintenance and adjustments
- Large stationary drill table/rear deck (mast/cab area) provides access to the mast area and to the main deck during all drilling modes, including angle drilling
- Dual mast locks that are located above the deck for high visibility

## Life Cycle/Rebuildable

- Designed for multiple lives
- Mast and a-frame
- Mainframe and jack casing

## Basic Specs

Hole Diameter	152-244 mm	6-9.625 in
Bit Load	24 000 kg	52,911 lb
Pulldown Force	Up to 22 kN	Up to 50,000 lbf
Hoist Force	Up to 22 kN	Up to 50,000 lbf
Hole Depth		
Single-pass – 12 m (39 ft) Mast	Up to 12.80 m	Up to 42 ft
Multi-pass – 12 m (39 ft) Mast	Up to 55.47 m	Up to 182 ft
Hole Depth		
Single-pass – 15 m (49 ft) Mast	Up to 15.85 m	Up to 52 ft
Multi-pass – 15 m (49 ft) Mast	Up to 31.08 m	Up to 102 ft
Engine		
Cat C27 Tier 2 at 2,100 rpm	597 kW	800 hp
Compressor	48 m <sup>3</sup> /min	1,700 ft <sup>3</sup> /min
	6.9 bar	100 psi

## Cat MD6240 Unique Advantages

- Pulldown and hoist forces are equal so we are in and out of the hole quicker
- Capable of multipass hole drilling
- Dual purpose carousel with DTH/Tricone bit rack
- 25 degree angle drilling comes standard
- Rear deck is stationary during both angle and vertical drilling modes
- Raise fully loaded pipe rack 40 sec
- Cables for hoist function so wear is visible
- Automatic tensioning for pulldown cables
- Four jack leveling system vs. three on competitive models
- Both dry and wet dust collection can be on our drill
- Largest dust chamber in the industry
- Two (2) engine choices/four (4) compressor choices/two (2) mast heights 12 or 15 m (39 ft or 49 ft)

[www.cat.com](http://www.cat.com)

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