

CAT[®] MD6310 Rotary Drill

Hole Diameter Range (13.7 m mast): 203–279 mm (8–11 in.)

Hole Diameter Range (17.5 m mast): 203–311 mm (8–12.25 in.)

Low Total Cost of Ownership

- 100% Cat components for reliable, long life
- Compressors with variable volume control lower fuel consumption
- Extended service intervals
- Auto-greasing
- Air filters and elements common for engine and compressor
- Over 40 Interlocks for protection of operator and machine
- Large water and fuel tanks for fewer refills

Machine Performance

- C32 Engine is power-matched to hydraulic and compressor requirements for high- or low-pressure drilling
- Pulldown 289.13 kN (65,000 lb) and 382.5 kN (86,000 lb)
- DTH and Rotary Drilling capability
- Angle drilling to 30°
- Single or multipass capable
- Cat ET for machine diagnostics
- Variable grip hydraulic break out wrench for hands-free, rapid pipe and bit handling

Market ready

- CE compliant
- CSA, EAEU, GOST certifiable
- MDG15 and MDG41 aligned
- Tier 4 and Tier 2 configurations
- Extreme climate and altitude tolerant

Operator Performance

- Multiple cameras for max visibility
- Full-length drill window; large windows on all walls and doors
- Armchair joystick controls
- Touchscreen displays
- Hydraulic viewing hatch with spotlight

Technology

- Drill Depth Indicator
- Autonomous-ready
- Auto level, retract, mast
- Drill Assist for single pass auto drill
- Semi-autonomy for single row missions and remote control up to three drills
- Product Link Elite – Fleet management
- Terrain – 4x better pattern accuracy
- Wiring for third-party interface

Reliability

- Increased cooling capacity for 52° C (125° F)
- Cold-weather package -40° C (-40° F)
- Cat component commonality
- Centralized servicing
- Machine health with self-awareness
- Undercarriage with tracks for hard or soft rock
- Availability improvement of 5%
- Fully integrated for Cat serviceability and support

