

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

- C32B 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

- US EPA Tier 4 and Tier 2 Equivalent configurations to ensure compliance with regional regulations
- Extreme climate and altitude tolerant

Operator Performance

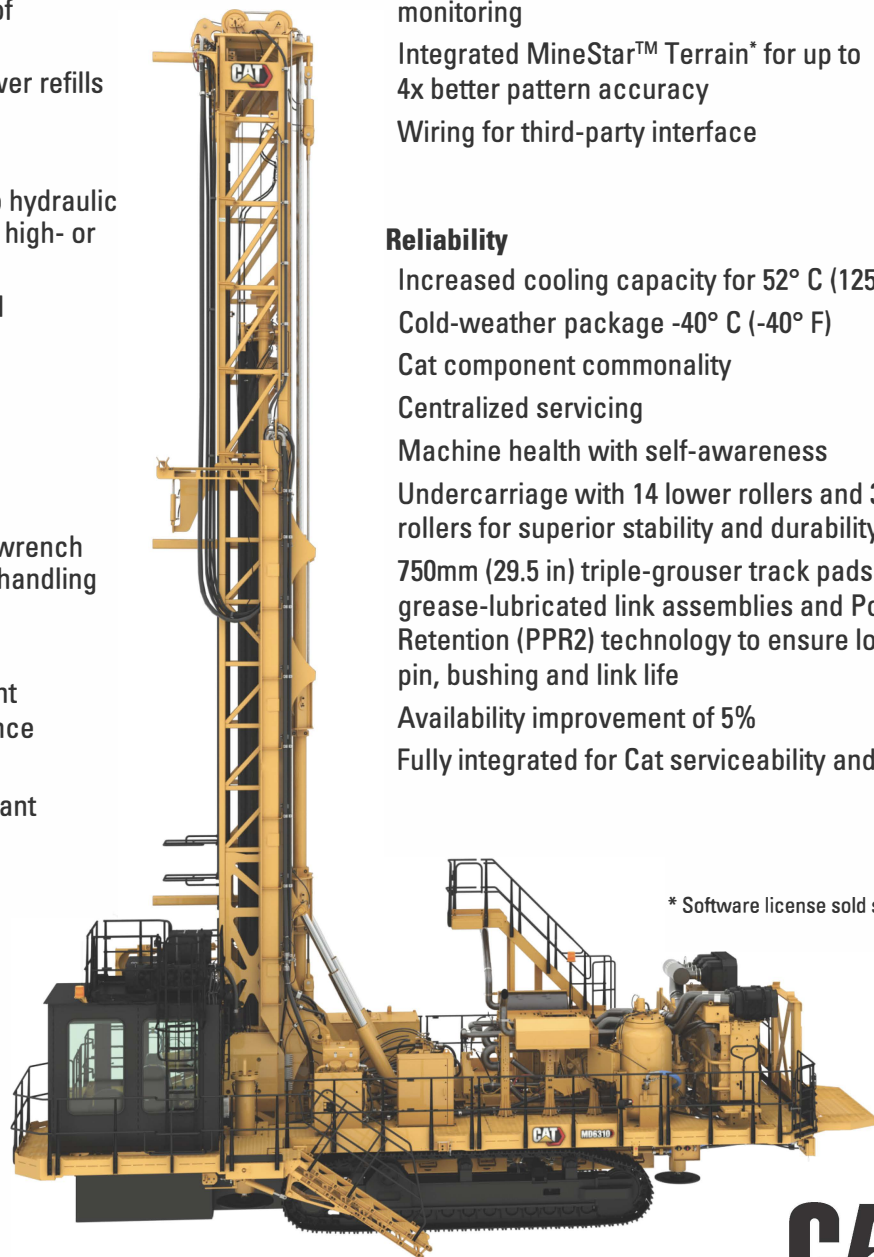
- Multiple cameras for maximum visibility
- Full-length drill window; large windows on all walls and doors
- Armchair joystick controls
- Touchscreen displays
- Sliding viewing hatch with spotlight

Technology

- Drill Depth Indicator
- Autonomous-ready
- Drill Assist automated functionality, including Auto Level, Auto Mast and single-pass Auto Drill
- Semi-autonomy for single row missions and remote control up to three drills
- Product Link[™] Elite* for reliable component monitoring
- Integrated MineStar[™] Terrain* for up to 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 14 lower rollers and 3 carrier rollers for superior stability and durability
- 750mm (29.5 in) triple-grouser track pads with grease-lubricated link assemblies and Positive Pin Retention (PPR2) technology to ensure long pin, bushing and link life
- Availability improvement of 5%
- Fully integrated for Cat serviceability and support



* Software license sold separately

