

JQ-2180

High-capacity full-hydraulic core drill for the deepest holes

The JQ-2180 is the largest crawler-mounted, full-hydraulic core drill in the JQ series, combining the highest pullback and depth with a 179 kW Cummins diesel. Its top-drive head and 10 m mast handle deep hard-rock coring from 0–90°.

Specifications

DRILLING CAPACITY	
Depth (BTW / BQ)	**2,200 m / 7,218 ft**
Depth (NTW / NQ)	**2,000 m / 6,562 ft**
Depth (HTW / HQ)	**1,550 m / 5,085 ft**
Depth (PQ)	**1,000 m / 3,281 ft**

POWER HEAD & FEED	
Pullback / pulldown force	**340 / 170 kN**
Max power head speed	**1,200 rpm**
Feed cylinder stroke	**3.8 m / 12.5 ft**
Drive type	**Top-drive, full hydraulic**

POWER & HYDRAULICS	
Diesel engine	**Cummins, 179 kW**
Hydraulic pressure	**32 + 16 MPa**
Cooling	**Two-stage air + one-stage water**

DIMENSIONS & WEIGHT	
Transport dimensions	**6,400 × 2,240 × 2,500 mm**
Mast height	**10 m / 32.8 ft**
Total weight	**13.5 t / 29,762 lbs**
Travel speed	**3.5 km/h**

Specifications are for guidance and may change with product improvement; confirmed values follow the formal quotation.

Key features

- **Full-hydraulic top drive.** Stepless high torque in deep hard rock.
- **Highest pullback.** 340 kN for the deepest, most demanding holes.
- **Manual + remote crawler.** Track movement by hand or wireless remote.
- **Multi-pump circuit.** Independent pumps with full-line filtration.

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