

JQ-1200

Full-hydraulic top-drive core drilling rig for deep hard-rock coring

The JQ-1200 is a crawler-mounted, full-hydraulic core drilling rig engineered for deep solid-mineral coring. Its top-drive power head, hydraulic cylinder feed and side-shifting mast drill holes from 0–90°, while a multi-pump hydraulic circuit with full-flow filtration keeps the system stable during long, continuous shifts.

Specifications

DRILLING CAPACITY	
Depth (BTW / BQ)	**1,400 m / 4,593 ft**
Depth (NTW / NQ)	**1,200 m / 3,937 ft**
Depth (HTW / HQ)	**900 m / 2,953 ft**
Depth (PQ)	**400 m / 1,312 ft**

POWER HEAD & FEED	
Pullback / pulldown force	**260 / 130 kN**
Max power head speed	**1,200 rpm**
Feed cylinder stroke	**3.5 m / 11.5 ft**
Drive type	**Top-drive, full hydraulic**

POWER & HYDRAULICS	
Diesel engine	**Weichai 6-cylinder, 129 kW**
Hydraulic pressure	**32 + 16 MPa**
Cooling	**Two-stage air + one-stage water**

DIMENSIONS & WEIGHT	
Transport dimensions	**6,400 × 2,150 × 2,500 mm**
Mast height	**9.8 m / 32.2 ft**
Total weight	**7.6 t / 16,755 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 control with high, steady torque in hard rock.
- **Side-shifting mast.** Mast raises and slides as a unit for holes from 0–90°.
- **Hydraulic holder & jacks.** Hydraulic weight holder and self-leveling outriggers.
- **Manual + remote crawler.** Track movement by hand control or wireless remote.
- **Multi-pump circuit.** Independent pumps and full-line filtration for reliability.

Contact the factory
Email: jianxinw383@gmail.com
Phone: +86 191 3397 8844
WhatsApp: wa.me/8619133978844

Hebei Jinqiang Machinery Co., Ltd.
Sujiazhuang Town, Ningjin County,
Xingtai, Hebei, China

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