

JQKD-750

Modular full-hydraulic underground core drill for narrow tunnels

The JQKD-750 is a split, full-hydraulic core drill built for underground drifts and narrow tunnels. The main unit, hydraulic power station and separate control console are laid out independently, allowing coring at any angle from 0–180° for underground mine exploration and tunnel pre-survey work.

Specifications

DRILLING CAPACITY	
Depth (BQ)	**750 m / 2,461 ft**
Depth (NQ)	**650 m / 2,133 ft**
Depth (HQ)	**450 m / 1,476 ft**

POWER HEAD & FEED	
Power head speed	**0–1,200 rpm**
Max torque	**1,700 N·m**
Feed stroke	**1,800 mm**
Feed / pullback force	**100 / 100 kN**

WIRELINE WINCH	
Winch pull	**12 kN**
Wire rope diameter	**6 mm**

ELECTRIC POWER	
Voltage	**380 V**
Motor power	**55 kW**
Motor speed	**1,480 rpm**
Hydraulic pressure	**32 MPa**

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

Key features

- **Split modular layout.** Main unit, power station and console separate for tight drifts.
- **0–180° coring.** Drill at any angle underground without repositioning the base.
- **High-torque head.** 1,700 N·m for hard, fractured underground formations.
- **Wireline winch.** Integrated winch for efficient in-hole coring.

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

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