

JY-1000 • FULL HYDRAULIC CORE RIGS

# 1000 Series Full Hydraulic Core Drilling Rig

## 45–90° angle drilling • 2,600 N•m

Full hydraulic drive with two mechanical gears plus stepless speed control, max torque 2,600 N·m. Driven by axial piston pump and bent-axis piston motor. Lateral head shift mechanism and full-mast slide allow drilling across 45–90°. Suited to solid mineral deposit exploration as well as engineering geology, shallow oil and gas, and groundwater drilling.

Factory direct • 80+ countries | ISO 9001 | Since 1989

| | | |
|---|---|---|
| **1200 m**<br>BTW depth | **1000 m**<br>NTW depth | **800 m**<br>HTW depth |
| **Main pump 115 ml/r • 32 MPa; auxiliary 96 ml/r • 25 MPa**<br>Hydraulic rated pressure | **Air + water cooled**<br>Cooling | **Weichai 6-cylinder**<br>Engine |

### Product Photos

More photos and videos at zuanjiai.com







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# Technical Specifications

JY-1000 · Full Hydraulic Core Rigs

| | |
|---|---|
| BTW depth | **1200 m** |
| NTW depth | **1000 m** |
| HTW depth | **800 m** |
| Hydraulic rated pressure | **Main pump 115 ml/r • 32 MPa; auxiliary 96 ml/r • 25 MPa** |
| Cooling | **Air + water cooled** |
| Engine | **Weichai 6-cylinder** |
| Rated power / speed | **129 kW / 2200 rpm** |
| Max head torque | **2,600 N•m** |
| Max head speed | **1400 rpm** |
| Feed stroke | **1.8 m** |
| Pull-up / feed force | **360 kN / 180 kN** |
| Wireline winch capacity | **1000 m** |
| Winch pull / speed | **24 kN / 110 m/min** |
| Wire rope diameter | **6 mm** |
| Mast height / angle | **6.5 m / 45–90°** |
| Mast slide stroke | **1200 mm** |
| Rod holder | **75 / 89 / 115** |
| Max gradeability | **25°** |
| Max travel speed | **2–3 km/h** |
| Transport dimensions | **4700 × 2100 × 2600 mm** |
| Operating weight | **7 t** |

※ Standard factory configuration. Actual configuration can be customized to site conditions. Specifications are subject to change without notice; the delivered machine prevails.

## Contact Us

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Product Brochure · JY-1000

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