

JY-1000B • FULL HYDRAULIC CORE RIGS

JY-1000B Full Hydraulic Core Drilling Rig

3 m rods • cylinder-chain double-speed feed • 2,600 N•m

Full hydraulic drive accepting 3 m drill rods. Two mechanical gears plus stepless control, max torque 2,600 N·m. Driven by axial piston pump and bent-axis piston motor, with lateral head shift and full-mast slide for 45–90° drilling. Cylinder-chain double-speed feed mechanism.

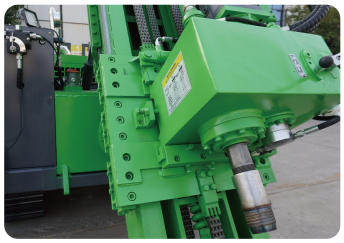
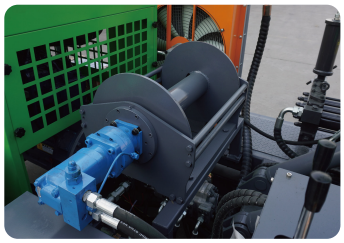
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1200 m BTW depth	**1000 m** NTW depth	**800 m** HTW depth
Main pump 115 ml/r • 32 MPa; auxiliary 96 ml/r • 25 MPa Hydraulic rated pressure	**Air + water cooled** Cooling	**Weichai 6-cylinder** Engine

Product Photos

More photos and videos at zuanjiai.com



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Technical Specifications

JY-1000B · 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 / speed	**2,600 N•m / 1400 rpm**
Feed stroke	**3.5 m**
Pull-up / feed force	**360 kN / 180 kN**
Wireline winch capacity	**1200 m**
Winch pull / speed	**24 kN / 110 m/min**
Wire rope diameter	**6 mm**
Mast height / angle	**8.5 m / 45–90°**
Mast slide stroke	**1200 mm**
Rod holder	**75 / 89 / 115**
Gradeability / travel speed	**25° / 2–3 km/h**
Transport dimensions	**5600 × 2100 × 2600 mm**
Operating weight	**8 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-1000B

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