

JY-1600 • FULL HYDRAULIC CORE RIGS

JY-1600 Full Hydraulic Core Drilling Rig

4,000 N•m • 1,600 m NTW • floating spindle

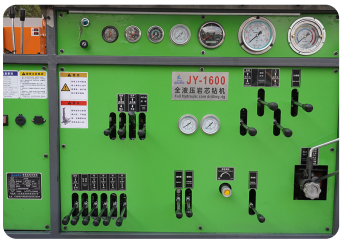
Full hydraulic drive with floating spindle and 3 m rods. Two mechanical gears plus stepless control, max torque 4,000 N·m. Axial piston pump and bent-axis piston motor, cylinder-chain double-speed feed, 45–90° drilling.

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

1800 m BTW depth	**1600 m** NTW depth	**1400 m** HTW depth
Main pump 145 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-1600 · Full Hydraulic Core Rigs

BTW depth	**1800 m**
NTW depth	**1600 m**
HTW depth	**1400 m**
Hydraulic rated pressure	**Main pump 145 ml/r • 32 MPa; auxiliary 96 ml/r • 25 MPa**
Cooling	**Air + water cooled**
Engine	**Weichai 6-cylinder**
Rated power / speed	**180 kW (optional) / 2000 rpm**
Max head torque / speed	**4,000 N•m / 1400 rpm**
Feed stroke	**3.5 m**
Pull-up / feed force	**460 kN / 230 kN**
Wireline winch capacity	**1600 m**
Winch pull / speed	**30 kN / 110 m/min**
Wire rope diameter	**6 mm**
Mast height / angle	**8.1 m / 45–90°**
Mast slide stroke	**1200 mm**
Rod holder	**75 / 89 / 115**
Gradeability / travel speed	**25° / 2–3 km/h**
Transport dimensions	**5900 × 2100 × 2400 mm**
Operating weight	**10 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-1600

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