

JY-2000 • FULL HYDRAULIC CORE RIGS

JY-2000 Full Hydraulic Core Drilling Rig

5,000 N•m • 2,000 m NTW • 600 kN pull-up

The highest-torque model in the series. Full hydraulic drive with floating spindle and 3 m rods. Two mechanical gears plus stepless control, max torque 5,000 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

2200 m BTW depth	**2000 m** NTW depth	**1800 m** HTW depth
Main pump 190 ml/r • 32 MPa; auxiliary 80 ml/r • 25 MPa Hydraulic rated pressure	**Air + water cooled** Cooling	**Weichai 6-cylinder** Engine

Product Photos

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Technical Specifications

JY-2000 · Full Hydraulic Core Rigs

BTW depth	**2200 m**
NTW depth	**2000 m**
HTW depth	**1800 m**
Hydraulic rated pressure	**Main pump 190 ml/r • 32 MPa; auxiliary 80 ml/r • 25 MPa**
Cooling	**Air + water cooled**
Engine	**Weichai 6-cylinder**
Rated power / speed	**176 kW (optional) / 2200 rpm**
Max head torque / speed	**5,000 N•m / 1400 rpm**
Feed stroke	**3.5 m**
Pull-up / feed force	**600 kN / 300 kN**
Winch pull / speed	**45 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	**6100 × 2200 × 2500 mm**
Operating weight	**12 t**

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

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Product Brochure · JY-2000

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