

JY-800 • FULL HYDRAULIC CORE RIGS

JY-800 Full Hydraulic Core Drilling Rig

6.5 t crawler • 1,800 N•m max torque

JY-series full hydraulic core rig developed from proven domestic and imported designs. Full hydraulic drive with two mechanical gears plus stepless control and 1,800 N·m of torque. Axial piston pumps with bent-axis piston motors; lateral head shift for rod handling; the mast is raised by cylinder and slides as a whole, covering 45–90° holes. Hydraulic rod holder, hydraulic levelling…

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

1000 m BTW depth	**800 m** NTW depth	**600 m** HTW depth
Main 95 ml/r at 32 MPa; aux 80 ml/r at 25 MPa Hydraulic rated pressure	**Water + air cooled** Cooling	**Yuchai 6-cylinder** Engine

Product Photos

More photos and videos at zuanjiai.com






© 2026 ZUANJI — China Drilling Rig Production Base

Technical Specifications

JY-800 · Full Hydraulic Core Rigs

BTW depth	**1000 m**
NTW depth	**800 m**
HTW depth	**600 m**
Hydraulic rated pressure	**Main 95 ml/r at 32 MPa; aux 80 ml/r at 25 MPa**
Cooling	**Water + air cooled**
Engine	**Yuchai 6-cylinder**
Rated power / speed	**92 kW / 2200 rpm**
Max head torque	**1800 N•m**
Max head speed	**1400 rpm**
Feed stroke	**1.8 m**
Pull-up / feed force	**300 kN / 150 kN**
Wireline winch capacity	**800 m**
Winch pull / speed	**20 kN / 110 m/min**
Wire rope diameter	**6 mm**
Mast height / drilling angle	**6.5 m / 45–90°**
Mast slide stroke	**1200 mm**
Rod holder through-hole	**130 mm**
Gradeability / travel speed	**25° / 2–3 km/h**
Transport dimensions	**4400 × 2200 × 2800 mm**
Operating weight	**6.5 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

PHONE / WHATSAPP
+86 158 6620 2306

EMAIL
info@zuanjiai.com

ADDRESS
Shandong, China — Drilling Rig Production Base

Get factory price & delivery → zuanjiai.com

WEBSITE
zuanjiai.com

Product Brochure · JY-800