

JDL-5 • MECHANICAL TOP DRIVE RIGS

JDL-5 Mechanical Top Drive Drilling Rig

500 m water well • 900 m wireline coring • 75–90° angle drilling

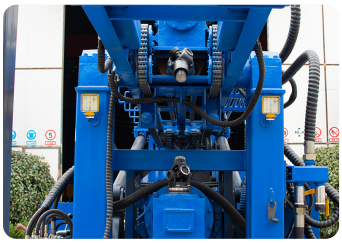
High-torque mechanical top drive capable of 75–90° angle drilling. Water and air drilling combined in one machine with an automotive 525 manual gearbox offering a wide speed range and quick forward/reverse switching. 3,500 mm single-pass feed stroke with hydraulic auto open/close mechanism.

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

500 m (152–203 mm) Water well depth	**900 m** Wireline coring (75 mm)	**Ø75–Ø350 mm** Opening hole diameter
75–90° Drilling angle	**240 kN** Head pull-up force	**180 kN** Head feed force

Product Photos

More photos and videos at zuanjiai.com






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Technical Specifications

JDL-5 · Mechanical Top Drive Rigs

Water well depth	**500 m (152–203 mm)**
Wireline coring (75 mm)	**900 m**
Opening hole diameter	**Ø75–Ø350 mm**
Drilling angle	**75–90°**
Head pull-up force	**240 kN**
Head feed force	**180 kN**
Rotation speed (forward)	**43–1080 r/min**
Rotation speed (reverse)	**47 / 144 r/min**
Max torque	**16,500 N•m**
Diesel engine	**Yunnei YN48GBZ**
Rated power / speed	**92 kW / 2400 r/min**
Winch single-line pull	**7.5 t**
Drill rod diameter	**Ø50 / Ø60 / Ø76 / Ø89 mm (NQ / HQ / PQ)**
Drill rod length	**3000 mm**
Mud pump	**BW160 / BW200 / BW250**
Air compressor consumption	**16–35 m³/min**
Working air pressure	**10.5–24.6 bar**
Travel speed	**0–2 km/h**
Gradeability	**Max. 25°–30°**
Transport dimensions	**6300 × 2000 × 2650 mm**
Working dimensions	**3800 × 2500 × 8500 mm**
Operating weight	**11,500 kg**

※ 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 · JDL-5

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