

JDL-350 • MECHANICAL TOP DRIVE RIGS

JDL-350 Mechanical Top Drive Drilling Rig

Long-stroke double-speed feed • Dual pump supply

Automotive 525 gearbox with quick, precise gear shifting; transmission efficiency doubles versus hydraulic drive and power consumption falls 35%. Features a long-stroke double-speed mechanism and mechanical power head with 3,500 mm stroke. Dual pumps run single during drilling and combine during tripping. Crawler chassis with 1.5 m leg cylinders for self-loading onto a...

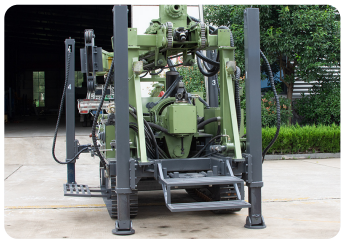
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350 m (152–203 mm) Water well depth	**600 m** Wireline coring (75 mm)	**Ø75–Ø350 mm** Opening hole diameter
90° Drilling angle	**120 kN** Head pull-up force	**85 kN** Head feed force

Product Photos

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Technical Specifications

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Water well depth	**350 m (152–203 mm)**
Wireline coring (75 mm)	**600 m**
Opening hole diameter	**Ø75–Ø350 mm**
Drilling angle	**90°**
Head pull-up force	**120 kN**
Head feed force	**85 kN**
Rotation speed (forward)	**27 / 51 / 93 / 129 / 156 / 193 / 247 / 437 / 737 / 901 r/min**
Rotation speed (reverse)	**48 / 219 r/min**
Max torque	**10,500 N•m**
Diesel engine	**Yunnei YN33**
Rated power / speed	**58 kW / 2400 r/min**
Winch single-line pull	**5.5 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 × 2600 mm**
Working dimensions	**3800 × 2400 × 7600 mm**
Operating weight	**6,500 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

PHONE / WHATSAPP
+86 158 6620 2306

EMAIL
info@zuanjiai.com

ADDRESS
Shandong, China — Drilling Rig Production Base

WEBSITE
zuanjiai.com

Product Brochure · JDL-350

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