

JLRC500-AC • RC EXPLORATION RIGS

JLRC500-AC Air-lift RC Rig (Automatic Rod Handling)

Automatic rod change • air-conditioned cab

Built on the JLRC500 with a fully hydraulic auxiliary automatic rod-handling system and a dedicated rod magazine, automating the entire rod-change cycle to cut manual intervention and raise continuous-operation efficiency. Adds a climate-controlled cab that seals the operator off from noise and dust. Compact, low failure rate and high output torque; rotation speed adjusts to rock...

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

500 m Drilling depth	**105–400 mm** Hole diameter	**76 / 89 / 102 / 114 mm** Rod diameter
1.5 / 2 / 3 m Rod length	**8,000–12,000 N•m** Rotation torque	**40–160 rpm** Rotation speed

Product Photos

More photos and videos at zuanjiai.com






© 2026 ZUANJI — China Drilling Rig Production Base

Technical Specifications

JLRC500-AC · RC Exploration Rigs

Drilling depth	**500 m**
Hole diameter	**105–400 mm**
Rod diameter	**76 / 89 / 102 / 114 mm**
Rod length	**1.5 / 2 / 3 m**
Rotation torque	**8,000–12,000 N•m**
Rotation speed	**40–160 rpm**
Feed stroke	**3.3 m**
Pull-up / feed force	**300 kN / 150 kN**
Fast lift / fast feed	**20 m/min / 40 m/min**
Engine	**Cummins**
Rated power / speed	**132 kW / 2200 rpm**
Tool winch pull	**20 kN**
Air pressure	**1.7–3.5 MPa**
Air consumption	**17–42 m³/min**
Automatic rod handling	**Full-hydraulic assisted rod change + dedicated rod magazine**
Operator cab	**Enclosed cab with air conditioning**
Travel speed / gradeability	**2–3 km/h / 25°**
Transport dimensions	**6300 × 2100 × 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.

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 · JLRC500-AC

© 2026 ZUANJI — China Drilling Rig Production Base