

JLRC500 • RC EXPLORATION RIGS

JLRC500 Air-lift RC Exploration Drilling Rig

Dual-wall rods • cyclone sampling • 500 m

A new-generation, efficient, environmentally friendly multi-purpose crawler rig. Dual-wall drill rods return cuttings through the inner tube to a cyclone collector for geological sampling and analysis. Air-lift reverse circulation DTH drilling works across many formations. An independent hydraulic oil cooler keeps the rig running in high outdoor temperatures, while the sliding mast with...

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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






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Technical Specifications

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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**
Travel speed / gradeability	**2–3 km/h / 25°**
Transport dimensions	**6300 × 2100 × 2500 mm**
Working dimensions	**4500 × 3000 × 6800 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 · JLRC500

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