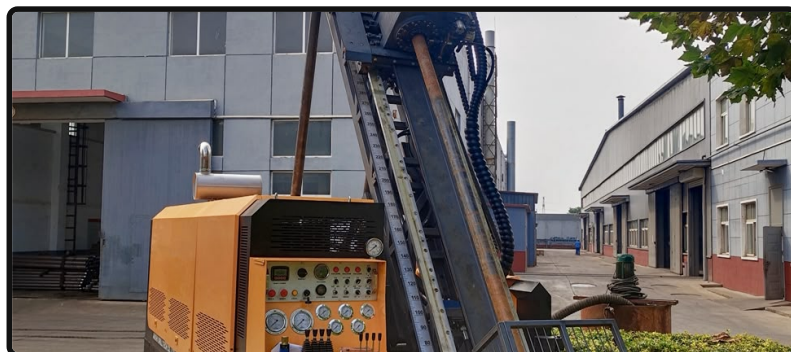


JW1000C CORE DRILLING RIG

SPECIFICATION SHEET · CRAWLER-MOUNTED HYDRAULIC WIRELINE CORING RIG



1 000 m

NQ WIRELINE CORING DEPTH

132 kW

CUMMINS DIESEL POWER

0–25°

SELF-PROPELLED CRAWLER CLIMB

DRILLING CAPACITY (STRAIGHT HOLE)

NQ Drill Rod (φ71 mm)	1 000 m
HQ Drill Rod (φ89 mm)	700 m
PQ Drill Rod (φ114 mm)	500 m
Hole Dip Angle	45° – 90°

DRIVE HEAD

Output Speed (Gear 1 / 2)	10 – 550 / 20 – 1 060 rpm
Output Torque (Gear 1 / 2)	3 530 / 1 845 N·m max
Feed Mode	Hydraulic cylinder, 3 500 mm stroke
Feed Force / Lift Force	55 kN / 150 kN

MAIN WINCH

Wire Rope Diameter	20 mm
Reel Capacity	26 m
Lifting Power (single / double rope)	95 kN / 190 kN
Lifting Speed (single / double rope)	40 / 20 m·min

WIRELINE CORING WINCH

Wire Rope Diameter	6 mm
Reel Capacity	1 500 m
Lifting Power	18 kN
Lifting Speed	110 – 200 m·min

DRILL TOWER

Height	9 960 mm
Load Rating	30 000 kg
Max Drawpipe Length	6 m
Erection	Hydraulic cylinder up / down

POWER & HYDRAULICS

Engine	Cummins diesel, 132 kW @ 2 200 rpm
Pump Pressure (main / aux)	28 / 21 MPa
Key Components	Rexroth · Cummins/DCEC · SAI · Shanghai Electric

MOBILITY & WEIGHT

Carrier / Travel	Self-propelled steel crawler · 2.5 km/h · climbs 0 – 25°
Weight	10 000 kg

**HEAVY-DUTY DRILLING EQUIPMENT, BUILT FOR AFRICAN
CONDITIONS.**

Leading Manufacturer of Water Well & Borehole Drilling Rigs in Africa
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