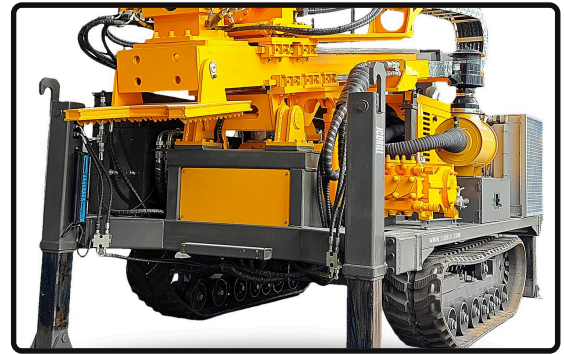


JCD600 CORE DRILLING RIG

SPECIFICATION SHEET · CRAWLER-MOUNTED WIRELINE DIAMOND CORING



800 m

WIRELINE CORING DEPTH · BTW

92 kW

YUCHAI TURBO DIESEL

16 t

MAX PULL-UP CAPACITY

DRILLING CAPABILITY

Coring Sizes	HTW · NTW · BTW (wireline)
Drill Depth	350 m (HTW) / 700 m (NTW) / 800 m (BTW)
Torque	450-1 300 N·m
Rotation Speed	Up to 1 300 rpm
Feed Stroke	1 900 mm
Drilling Angle	45-90°
Max Pull-Up / Push-Down	16 t / 8 t
Mast	One-piece, ground-touching

POWER & HYDRAULICS

Engine	YUCHAI turbocharged diesel
Engine Option	Cummins diesel available on request
Rated Power	92 kW @ 2 400 rpm
Hydraulic Pressure	20 MPa rated
Hydraulic Flow	220 L/min
Cooling	Air-cooled
Controls	Manual & remote control

MUD PUMP & HOIST

Mud Pump	BW-120 · 0-120 L/min · 0-7 MPa
Rope Hoist	600 kg lift · 700 m × ø6 mm rope
Hoist Speed	100-300 rpm

MOBILITY & TRANSPORT

Undercarriage	Steel crawler tracks
Travel Speed	3.5 km/h
Climbing Ability	40°
Transport Size	4 200 × 2 050 × 2 300 mm
Weight	5-6 t

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

Leading Manufacturer of Water Well & Borehole Drilling Rigs in
Africa
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