Boyles C8C · Deep-Hole Core Drill Rig

Crawler mounted deep-hole wireline core rig — B 2,553 m depth capacity, 156 kN pull and 2,500 m wireline hoist on a low-ground-pressure carrier.



Model	Boyles C8C (crawler mounted)
Application	Deep-hole surface wireline core drilling
Depth capacity	B 2,553 m · N 2,013 m · H 1,336 m · P 816 m (thin-wall rods: up to 3,032 m B)
Engine	Cummins QSB 6.7, 6.7 L 6-cyl turbo diesel, 179 kW (240 hp) @ 2,000 rpm (Tier III)
Mast & feed	3.5 m feed travel, thrust 59.6 kN, pull 156 kN, rod pull 6.09 m, angle 45°–90°, mast dump 1.7 m
Rotation unit	Two-speed gear driven, spindle ID 124 mm, max torque 7,603 N·m, max speed 1,300 rpm
Main hoist	133 kN single line (bare drum), 40 m/min, 29 m × 22 mm cable
Wireline hoist	2,000 m of 6 mm or 2,500 m of 5 mm cable; line pull 12.6 kN bare / 3.3 kN full; 115–434 m/min

Rod holder	Hydraulic open / gas spring closed, PW size, max Ø235 mm, clamping capacity 130 kN
Chuck	Hydraulic open, spring close, max Ø124 mm, holding capacity 178 kN
Flush pump	Trido 140H, 140 l/min @ 70 bar
Hydraulics	Primary 31.2 MPa / 250 l/min · Secondary 20 MPa / 125 l/min · Auxiliary 21.5 MPa / 54 l/min
Tanks	Hydraulic oil 300 l · diesel 700 l
Crawler base	Track band 400 mm, ground pressure 11 psi, tramming 2.8 km/h, 4 jack legs, pad Ø210 mm
Weight	13,500 kg (29,760 lb)

Specifications shown are typical values for this machine class. Request the full datasheet for certified figures before ordering.

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