ECR18

Exploration Drill Rig

Crawler-mounted diamond core drilling for mineral exploration. Side-shift rotary head, hydraulic feed and dedicated main and wireline hoists support deep-hole drilling and core recovery.



POWER	B WIRELINE DEPTH*
280 hp / 208 kW	2,250 m

WIRELINE DRILLING CAPACITY*

B wireline	2,250 m / 7,382 ft
N wireline	1,780 m / 5,840 ft
H wireline	1,180 m / 3,871 ft
P wireline	800 m / 2,625 ft

POWER & ROTARY HEAD

Engine	Cummins turbocharged diesel
Rated power / speed	208 kW / 280 hp at 2,200 rpm
Cooling	Water cooled
Transmission	2-speed; 4-speed optional
Head / spindle inside diameter	Side-shift / 117 mm (4 5/8 in)
Chuck holding capacity	18,144 kg / 40,000 lb

MAST & FEED

Feed travel / rod pull length	3.5 m / 6 m
Thrust / pull capacity	69.0 kN / 171.2 kN
Drilling angle	45 to 90 degrees

HOISTS & FOOT CLAMP

Main hoist pull / line speed	117.7 kN / 40 m/min (bare drum)
Wireline pull / line speed	10.5 kN / 115 m/min (bare drum)
Wireline cable length	2,300 m
Foot clamp inside diameter	170 mm / 6.7 in

TRANSPORT & CONFIGURATION

Folded transport dimensions (L x W x H)	5,240 x 2,695 x 2,690 mm
Published weight: Tier II / Stage V	9,000 kg / 9,200 kg

*Calculated drilling capacities. Actual depth depends on in-hole tools, ground conditions and drilling techniques. Dimensions and weights are approximate; verify before transport or lifting. Engine emissions, options and supplied equipment must be confirmed in the quotation and OEM build specification.

CONFIGURE YOUR EXPLORATION PROGRAM WITH BDNA

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