

RADIAL DRILL RIG



RAMBOR Longwall Face Drill
- easily detached for other applications

'Stinger Leg' will fit roof height from
2100 - 4200mm

Rotating clamp
- allows drilling at any
angle and rotation

Remote hand-held
controls

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Operational Information

The Radial Drill Rig (RDR2) is designed to be used in conjunction with the renowned Rambor Longwall Face Drill which is available in different motor and stroke sizes. The use of lightweight composites and clever design make this pneumatically powered drill rig, a versatile solution for drilling of ribs or roof for bolt installation, dewatering, gas drainage, "P.U.R"ing or similar operations.

When the RDR2 is positioned in the centre of the roadway, the Longwall Face Drill can be rotated from drilling one wall to drill the opposite wall at any angle. The Longwall Face Drill can be raised or lowered in 250 mm increments. The RDR2 'Stinger Leg' can also be set for different heights, from as low as 2100 mm to a maximum of approx 4200 mm with extensions.

For transportation, the Longwall Face Drill can be placed in a vertical position or it can be easily be removed from the RDR2 allowing it to be moved as two main components and quickly set up where required.

Specifications

Radial Drill Rig (RDR)2	
Collapsed Height	2100 mm
Extended Height	3500 mm (standard) 4200 mm (with extensions)
Stinger Leg - Leg Thrust	1134 kgf
Stinger Leg - Weight	48.4 kg
Carriage - Weight	16.0 kg
Total - Weight	64.5 kg

The Radial Drill Rig is used in conjunction with the Longwall Face Drill which has 2 stage leg and comes in different options of motor and stroke size.

Description	Rambor Part No.
RADIAL DRILL RIG 2 (Stinger Leg and Carriage Only)	0008-0001
RDR2 with LFD 1.3 Stroke & 70mm Motor	0008-7013
RDR2 with LFD 1.3 Stroke & 95mm Motor	0008-9513
RDR2 with LFD 1.7 Stroke & 70mm Motor	0008-7017
RDR2 with LFD 1.7 Stroke & 95mm Motor	0008-9517

All Figures at 7 Bar (100psi) air supply pressure	70mm Motor	95mm Motor
Stall Torque	203 Nm	251 Nm
Drill Speed	900 rpm	850-900 rpm
Air Consumption	2832-3256 l/m	2832-3398 l/m
Thrust - 1st Stage	1134 kgf	
Thrust - 2nd Stage	907 kgf	
Noise Level	84-95dB(A)	
Water Flow Rate at & - 12Bar (100psi-175psi) supply pressure	12-13 l/m	

Longwall Face Drill	1.3 Stroke	1.7 Stroke
Length - Leg closed	1580 mm	1880 mm
Length - Leg extended	2880 mm	3580 mm
Pivot point to extended machine distance	2000 mm	2400 mm
LFD weight (excludes leg pivot clamp)	52.0 kg	57.0 kg
Remote Control Unit & Hoses	8.0 kg	8.5 kg

