

- Pneumatic drilling system
- Versatile. Can be easily be re-configured for different applications:

Powerful and robust motor

Remote handheld controls



Turret to secure Face Drill to Longwall Spill Plate



Manbox Mounting Plate



Radial drill when combined with Rambor Radial Drill Rig



LONGWALL FACE DRILL

Operational Information

Designed for mounting onto the Longwall Spill Plate and drilling into the Longwall Face, this versatile strata support drill is the basis for the RAMBOR Modular Drilling System. When combined with a stinger leg as the RAMBOR RDR2, the Longwall Face Drill can be used for radial drilling into rib and roof for installation of bolts. Other applications include being mounted from a Manbox for 360 degree drilling.

The use of lightweight composites in the leg construction and clever design allow this equipment to be easily assembled/dismantled and transported for rapid deployment. The Longwall Face Drill features remote hand controls, this allows the equipment's operator to work safely away from unsupported strata.

A robust, high-torque pneumatic motor is at the heart of the Longwall Face Drill. The gearbox is fitted with cone and cap bearings to withstand end loads when drilling. The RAMBOR Longwall Face Drill can be provided in a number of different leg and motor configurations to suit the application.

Specifications

Description	Rambor Part No.
LFD 1.3 & 70mm Motor	0010-7001
LFD 1.3 & 95mm Motor	0010-9505
LFD 1.7 & 70mm Motor	0010-7003
LFD 1.7 & 95mm Motor	0010-9507

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
Turret Base	33 kg	
Turret Bracket	12 kg	
Manbox Bracket	13 kg	

