



LONGWALL FACE DRILL MODULAR DRILLING SYSTEM



The **Rambor® LONGWALL FACE DRILL** advanced **Leg** design gives maximum performance with less maintenance than other similar style machines.

The **Gear Box** is fitted with a cone and cup bearing in the top end to withstand end loads when drilling

The **Water Distribution Block** is fitted with relief vents to the water jacket to ensure that in the event of a water seal failure, water is vented to atmosphere and not into the gear box motor causing both grease and oil lube to be flushed out

Rambor's unique **Muffler** system is far quieter and registers as low as 84dB(A) at the coal face. Higher rates up to 95dB(A) would be obtained in workshop areas constructed of masonry or iron walls. Design of the muffler ensures that oil misting on discharge is kept to an absolute minimum



Special Features:

Leg system is easy to dismantle.

Leg Pivot Clamp can be removed and used on new legs
This reduces the cost of replacing the outer leg

Remote Control is user friendly

Turret is an optional extra used to secure Face Drill to the Longwall Spill Plate



Turret front view

Turret side view



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Manufactured by:
RAMBOR PTY LTD
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108 ALBATROSS ROAD
SOUTH NOWRA
NSW AUSTRALIA 2541



LFD Specifications @ 689 kPa [100 psi]

70 mm Motor with 14-39 ratio gearbox

Normal Running 900 rpm	2832 - 3256 l/m
Stall Torque	203 Nm
RPM	900
Water Supply	861-1206 kPa
Water flow rate	12-13 l/m
Thrust 1st Stage	1134 kgf
2nd Stage	907 kgf
Noise Level	84 - 95 dB(A)

LFD Specifications @ 689 kPa [100 psi]

95 mm Motor with 14-39 ratio gearbox

Normal Running 850-900 rpm	2832 - 3398 l/m
Stall Torque	251 Nm
RPM	850-900
Water Supply	861-1206 kPa
Water flow rate	12-13 l/m
Thrust 1st Stage	1134 kgf
2nd Stage	907 kgf
Noise Level	84 - 95 dB(A)

Longwall Face Drill specifications			
Lengths (approx.) [mm]:	closed	extended	turret to extended machine distance
1500 machine	1580	2880	2000
1900 machine	1880	3580	2400
Longwall Face Drill 1.3 stroke		52.0 kg*	*excludes 'leg pivot clamp'
1.7 stroke		57.5 kg*	
Remote Control Unit & Hoses 1.3 stroke		8.0 kg	
1.7 stroke		8.5 kg	
Turret Base		33.0 kg	
Turret Bracket		12.0 kg	