



TOP MOUNT ROOFBOLTER

Operational Information

The RAMBOR Top Mount Roofbolter is renowned for its performance and reliability, making it the benchmark product when comparing handheld pneumatic drills for installation of strata support roof bolts.

Designed specifically for use in underground coal mine and tunneling applications, the Top Mount Roofbolter is manufactured wholly in Australia using high quality steel, plastic and composite materials. The Top Mount is lightweight and quick to set up, allowing it to be easily moved and operated where needed.

Engineered for reliability and reduced maintenance, the Top Mount Roofbolter's features include cone and cup bearing in the top end of the gearbox to withstand end loads. The water distribution block is fitted with relief vents to the water jacket to ensure that in the event of a seal failure, water is vented to atmosphere and not into the gearbox causing both grease and oil lube to be flushed out.

RAMBOR is committed to a program of continuous improvement of its products to meet changing operational and OHS requirements. The Top Mount's motor is fitted with RAMBOR'S unique silencer system with noise levels recorded as low as 84 dB(A) at the coal face area, the design of the silencer also ensures that oil misting on discharge is kept to an absolute minimum.

The RAMBOR Top Mount Roofbolter can be provided in a range of different motor/gearbox configurations to suit the application. Leg sizes range from 600mm to 1500mm to fit to seam heights between 1 to 4.5m.

Specifications

All Figures at 6.9 Bar (100psi) Air Supply Pressure	95 mm Motor with 14-39 Gearbox	70mm Motor with 14-39 Gearbox	70mm Motor with 11-42 Gearbox
Stall Torque	251 Nm	203 Nm	271 Nm
Drill Speed	850-900 rpm	900 rpm	700 rpm
Air Consumption	2832-3398 l/min	2832-3256 l/min	2832-3256l/min
Max Torque Through Cam Clutch	339 Nm		
Water Supply Pressure	7-12 Bar		
Water Flow Rate	12-13l/min		
Noise Level	84-95 dB(A)		
Maxi Leg Thrust-Stage 1	1134 kgf		
Maxi Leg Thrust-Stage 2	907 kgf		
Maxi Leg Thrust-Stage 3	680 kgf		

Example Part Numbers (with 95mm Motor with 3-stage Maxi leg)	Leg Size	Machine Collapsed Height - mm	Machine Extended Height - mm	Approximate Weight - kg
0002-9513	800	964	1949	40
0002-9514	900	1064	2349	41
0002-9515	1000	1164	2749	42
0002-9516	1100	1264	3144	43
0002-9517	1200	1364	3574	44
0002-9518	1300	1464	4004	46
0002-9519	1500	1614	4554	48

Other options for the Top Mount Roofbolter:

- 4 stage legs for a wider range of height
- Inverted leg model, suitable for use out of Man Basket and other specialist applications
- Dust extraction option for dry drilling (US only)



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