



TOP MOUNT INVERTED LOW RIDER ROOFBOLTER



Quality
ISO 9001
SAI GLOBAL

The RAMBOR® TOP MOUNT RANGE OF ROOFBOLTERS lead the way with their advanced design and balance. This Top Mount Inverted Roofbolter can increase your mining efficiency where it counts, at the coal face.

LOW RIDER STYLE

The TOP MOUNT INVERTED ROOFBOLTER'S main feature is that the operators handle **remains at operator or floor level during the drilling and tensing process.** (see over)

To enable this to occur the outer leg of the unit remains at floor level compared to conventional units where the outer leg is attached to the headpiece. The machine has advanced leg thrust coupled with the fact it has a cone and cup bearing in the top end of the gear box (Timken type race) to withstand end loads when bolting. This protects the gearbox and cam clutch from excessive end load minimising maintenance on gear box components.

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.

The Top Mount configuration fitted with RAMBOR'S unique silencer system is far quieter than any other machine previously used. In fact noise levels registered as low as 84 dB(A) at coal face area. Higher rates up to 95 dB(A) would be obtained in workshop areas constructed of masonry or iron walls.

The design of the silencer ensures that oil misting on discharge is kept to an absolute minimum.

ADVANCED DUMPING

RAMBOR'S advanced twin dump system can save valuable time in stressed "strata" conditions. The twin dump valve system not only assists speeding up the bolting cycle but allows the leg sections to retract without effort from the operator. The exhaust air being allowed to exhaust at twice the normal rate. Single dump can also be supplied for those not wanting fast retraction of the Roofbolter.



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Technical Specifications for : TOP MOUNT INVERTED LOW RIDER ROOFBOLTER
 95mm MOTOR WITH 14:39 GEAR RATIO
 MOTOR SPECS AT 1000 lbf (453 kgf) THRUST

	@689kPa	@413kPa
R.P.M. (no load)	850 - 900	600
Air Consumption	2832 - 3398 l/m	2832 - 3398 l/m
Water supply pressure @ 7 - 12 Bar / 100 psi - 175 psi	700 - 1206 kPa	700 - 1206 kPa
Water flow rate std Water flow rate hi flow @ 7 Bar / 100 psi	10 - 11 l/m 12 - 13 l/m	10 - 11 l/m 12 - 13 l/m
Stall Torque	251 Nm	163 Nm
Torque through clutch	339 Nm	339 Nm
<u>Std Leg thrust</u> Stage 1 Stage 2 Stage 3	907 kgf 680 kgf 453 kgf	545 kgf 409 kgf 272 kgf
<u>Maxi Leg thrust</u> Stage 1 Stage 2 Stage 3	1134 kgf 907 kgf 680 kgf	682 kgf 545 kgf 409 kgf
Noise level Weight	84 - 95 dB(A) 55 - 65 kg	84 - 95 dB(A) 55 - 65 kg



*REFER TO RAMBOR® ROOFBOLTER OPERATORS GUIDE AND SAFETY POINTS
 FOR SAFE WORKING PRACTICES*

MODELS	COLLAPSED	EXTENDED LENGTHS (APPROX mm)	
R/B TMLR 3/1746	1700	4600	NOTE: OTHER SIZES ALSO AVAILABLE
R/B TMLR 3/1436	1364	3574	
R/B TMLR 3/1332	1264	3144	
R/B TMLR 3/1228	1164	2749	