

CE

TOP MOUNT INVERTED ROOFBOLTER

HIGH SPEED or HIGH TORQUE GEAR BOX

STD THRUST & LOW PRESSURE MODELS



The RAMBOR® Top Mount Inverted Roofbolter can increase your mining efficiency where it counts, at the coal face.

INVERTED LEG

RAMBOR'S Inverted Leg design telescopic air legs. No moving parts at floor level guarantees longer leg and seal life. As well as the outer leg not moving with the headpiece enables this machine to be rig mounted and presented to the roof or the wall in a cradle for purposes of steel arch support bolting and cable bolting. Also it has a cone and cup bearing in the top end of the gear box to withstand end loads when bolting

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

2,3 & 4 Stage leg assemblies to suit your requirements are available to suit seam heights from 1 to 4 metres

ADVANCED DUMPING

RAMBOR'S fast dumping system can save valuable time in stressed "strata" conditions.

LOW MAINTENANCE

Maintenance is the key word in this day and age. The RAMBOR® can be easily dismantled at low labour cost.



PH: 61 2 4422 6323 FAX: 61 2 4422 5423 www.rambor.com.au

Manufactured by:
RAMBOR PTY LTD
ABN 61 105 301 184
108 ALBATROSS ROAD
SOUTH NOWRA
NSW AUSTRALIA 2541



Technical Specifications for :
TOP MOUNT INVERTED ROOFBOLTER
 With 70mm MOTOR WITH 14:39 and 11:42 GEAR RATIO
 With 95mm MOTOR WITH 14:39 GEAR RATIO

- HIGH SPEED [14:39] OR HIGH TORQUE [11:42] GEARBOX
- STD THRUST & LOW PRESSURE [MAXI] MODELS
- MOTOR SPECS AT 1000 lbf (453 kgf) THRUST
- MOTOR SPECS AT 1000 lbf (453 kgf) THRUST

		HIGH SPEED		HIGH TORQUE	
Motor Size		@ 689 kPa 14-39 ratio	@ 413 kPa 14-39 ratio	@ 689 kPa 11-42 ratio	@ 413 kPa 11-42 ratio
R.P.M (no load)	70 95	900 850 - 900	740 600	700 N/A	520 N/A
Air Consumption	70 95	2832 - 3256 l/m 2832 - 3398 l/m	2548 - 2832 l/m 2832 - 3398 l/m	2832 - 3256 l/m	2548 - 2832 l/m
Water supply pressure @ 7-12 Bar / 100 psi - 175 psi		700 - 1206 kPa	700 - 1206 kPa	700 - 1206 kPa	700 - 1206 kPa
Water flow rate std		10-11 l/min	10-11 l/min	10-11 l/min	10-11 l/min
Water flow rate hi flow @ 7 Bar / 100 psi		12-13 l/min	12-13 l/min	12-13 l/min	13-13 l/min
Stall torque	70 95	203 Nm 251 Nm	122 Nm 163 Nm	271 Nm	149 Nm
Torque through clutch		339 Nm	339 Nm	339 Nm	339 Nm
<u>Std Leg thrust</u>					
Stage 1		907 kgf	545 kgf	907 kgf	545 kgf
Stage 2		680 kgf	409 kgf	680 kgf	409 kgf
Stage 3		453 kgf	272 kgf	453 kgf	272 kgf
<u>Maxi Leg thrust</u> (Low Pressure)					
Stage 1		1134 kgf	682 kgf	1134 kgf	682 kgf
Stage 2		907 kgf	545 kgf	907 kgf	545 kgf
Stage 3		680 kgf	409 kgf	680 kgf	409 kgf
Noise level		84-95 dB(A)	84 - 95 dB(A)	84-95 dB(A)	84 - 95 dB(A)

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

TYPE	include motor & g/box ratio	Collapsed Height	Extended Height
TMI3/1124	*	1075	2360
TMI3/1228	*	1175	2760
TMI3/1332	*	1275	3155
TMI3/1436	*	1375	3585
TMI3/1746	*	1625	4565
4 stage legs also available			