CE

HYDRAULIC ROOFBOLTER 2 STAGE

Certified System
Quality
ISO 9001
SAI GLOBAL

Features

Operational at low pressures and flow rates

Infinitely variable speed control on leg and motor

Controls do not “bind up” if back pressure increases

All hydraulic fluid contained and transferred via internal porting and rotary joint, thus eliminating the need for hosing on the Roofbolter

Designed to run reliably on all types of hydraulic fluids (including water based)

No thrust load is transferred to the motor’s internal bearings. Thrust isolation is achieved via an opposing preloaded taper roller bearing configuration at the water distribution assembly. This gives a substantial increase in durability for the motor, especially when using water based hydraulic fluids

Rear mounting of supply and return line hoses gives better balance to the Roofbolter. Safety for the operator is enhanced as well with this feature

For additional safety and reliability, the Roofbolter utilises a conditioning block between the hydraulic source and Roofbolter. Two Roofbolters can be attached to one conditioning block

Leg lengths and stroke configurations can be manufactured to suit customers requirements. Please refer to model chart for collapsed height configuration

Additional multi staging of leg can be supplied on request.

Non Corrosive
316 Stainless Steel Legs

RAMBOR

King Cobra

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

Model	0900/1700	1200/2600	1400/3200
Collapsed Height	900 mm	1200 mm	1390 mm
Extended Height	1666 mm	2566 mm	3190 mm
Stroke	766 mm	1366 mm	1890 mm
Weight (approx)	35 kg	40 kg	48 kg
Outside leg diameter	73 mm	73 mm	73 mm

Performance

Max Operating Pressure *		175 Bar (2500 psi
Min Operating Pressure		17.5 Bar (250 . psi)
Max Flow Rate		72 L/min
Max Leg thrust	(@175 Bar)	26 KN
Max RPM	(@175 Bar)	820
Max Torque	(@175 Bar)	200 Nm
Leg Extension Speed **	(@175 Bar)	6m/min
Leg Retraction Speed **	(@175 Bar)	10m/min
Water Supply		7-12 Bar (100 - 175 psi)
Water Flow Rate Std	(@ 7 Bar)	10-11 l/min
Water Flow Rate Hi-flow	(@ 7 Bar)	12-13 l/min
Noise Level		65 dB(A)

* Based on 100% hydraulic oil.
If soluble oil is used, it is recommended to reduce pressure - typically to 100 Bar

**Leg speeds measured with motor running

Note: 1 BAR = 100 kPa