

MG AR 60M HYDRAULIC SECTION RING ROLLING MACHINE



The MG AR Line section rolls are available in a huge range of capacities from 60mm shaft diameter up to an enormous 540mm shaft diameter; this model AR530 weighs in at an incredible 297 tonnes and has the capacity to roll beams of up to 1000mm. These superb quality Italian built machines are of a double pre-bending design and feature three rolls individually driven by powerful hydraulic motors via planetary gearboxes. The universal rolls supplied can roll a whole spectrum of standard sections and profiles, while special tooling is available for tubes or specific profiles. A wide range of optional equipment is offered including special attachments for the rolling of spirals and a very user friendly touch screen NC control.

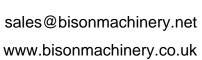
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FEATURES

- o Double pre-bending design
- o All three rolls driven for excellent traction
- o Rolls driven by powerful hydraulic motors with planetary gearboxes
- o Universal hardened rolls suitable to roll a wide range of profiles
- o Smooth rolls ensure minimal material marking
- o Permanent lubrication to main machine components during manufacture
- o Double spherical roller bearings for rolls shafts in place of traditional bushes
- Works in either horizontal or vertical orientation
- o Manual lateral guide rolls with movement in 3 axis
- Moveable control panel
- o Digital read outs indicating both lower roll positions

OPTIONS

- o Special rolls for tubes and other profiles
- o Special rolls in nylon for sensitive materials
- NC Control Unit

TECHNICAL INFO	DRMATION

MODEL			305 HV
Flat Bar on Edge at 800mm	Ø	mm	80 x 18
Flat Bar as Flat at 600mm Ø	i	mm	120 x 25
Square Bar at 500mm Ø		mm	45
Round Bar at 600mm Ø		mm	55
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Round Tube at 2000mm Ø *		mm	2.3
Round Tube at 750mm Ø *		mm	76.1 x 4.5
Rectangular Hollow Section	at 1000mm Ø	mm	70 x 20 x 3
Square Hollow Section at 15	600mm Ø	mm	50 x 50 x 3
Angle Iron Toe Out at 1800r	nm Ø	mm	60 x 60 x 6
Angle Iron Toe In at 1000mr	n Ø	mm	60 x 60 x 6
Tee Section Toe Out at 100	Omm Ø	mm	60 x 60 x 6
Tee Section Toe In at 1000r	nm Ø	mm	60 x 60 x 6
Tee Section Toe Up/Down a	it 1000mm Ø	mm	60 x 60 x 6
Channel Legs Out at 1000m	m Ø	mm	UPN 80
Channel Legs In at 1000mm	ø	mm	UPN 80
Maximum Section Modulus		cm³	25
Shaft Diameter		mm	60
Roll Diameter		mm	215
Rolling Speed		m/min	5
Motor Power		kW	3
Length		mm	1276
Width		mm	956
Height		mm	940
Weight		kg	920

^{*} Requires special rolls



www.bisonmachinery.co.uk



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