

**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.

## FEATURES

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

## OPTIONS

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

## TECHNICAL INFORMATION

MODEL		305 HV
Flat Bar on Edge at 800mm Ø	mm	80 x 18
Flat Bar as Flat at 600mm Ø	mm	120 x 25
Square Bar at 500mm Ø	mm	45
Round Bar at 600mm Ø	mm	55
Round Tube at 2000mm Ø *	mm	101.6 x 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 1500mm Ø	mm	50 x 50 x 3
Angle Iron Toe Out at 1800mm Ø	mm	60 x 60 x 6
Angle Iron Toe In at 1000mm Ø	mm	60 x 60 x 6
Tee Section Toe Out at 1000mm Ø	mm	60 x 60 x 6
Tee Section Toe In at 1000mm Ø	mm	60 x 60 x 6
Tee Section Toe Up/Down at 1000mm Ø	mm	60 x 60 x 6
Channel Legs Out at 1000mm Ø	mm	UPN 80
Channel Legs In at 1000mm Ø	mm	UPN 80
Maximum Section Modulus	cm <sup>3</sup>	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

OTHER IMAGES

