01785 247575
sales@morganrushworth.com
www.morganrushworth.com

MORGAN RUSHWORTH HSR-3 40.140 HYDRAULIC SECTION RING ROLLING MACHINE



The Morgan Rushworth HSR-3 range of hydraulic section bending machines are designed to roll various material sections and are available with shaft diameters from 50mm up to 120mm. All models have twin rams powering both of the lower rolls, providing pre bending capability and the convenience of performing the bending operation with the material in the horizontal position. All of the HSR-3 machines can be operated in either vertical or horizontal plane. The standard rolls supplied with the machine are hardened and have been designed to bend most sections, avoiding the cost of additional tooling. Lateral guide rolls ensure straight and true bending, or if required can be adjusted in order to spiral the material.

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FEATURES

- All three rolls driven for excellent traction
- Smooth rolls ensure minimum material marking
- Hardened rolls
- Moveable control panel
- Digital read out indicating both back rolls position
- Overload protection device
- Hydraulically powered rotation
- Mechanically adjusted lateral guide rolls in 2 axis
- Variable speed of rotation

OPTIONS

- Tube/profile rolls
- Hydraulically adjusted lateral guide rolls in 2 axis
- Variable speed of rotation
- Spiral bending device
- NC control system
- CNC control system
- Digital display for guide rolls
- I-U-H profile pulling system

TECHNICAL INFORMATION

Model		HSR-3 40.140
Flat Bar on Edge at 300mm Ø	mm	35 x 8
Flat Bar as Flat at 400mm Ø	mm	50 x 12
Square Bar at 250mm Ø	mm	18
Round Bar at 200mm Ø	mm	22
Round Tube at 500mm Ø *	mm	40 x 1.5
Round Pipe at 200mm Ø *	mm	33.7 x 2.3
Rectangular Hollow Section at 500mm Ø	mm	30 x 15 x 2.5
Square Hollow Section at 450mm Ø	mm	25 x 25 x 2
Angle Iron Toe Out at 400mm Ø	mm	35 x 35 x 5
Angle Iron Toe In at 550mm Ø	mm	30 x 30 x 4
Tee Section Toe Out at 300mm Ø	mm	30 x 30 x 5
Tee Section Toe In at 350mm Ø	mm	35 x 35 x 5
Tee Section Toe Up/Down at 300mm Ø	mm	35 x 35 x 5
Channel Legs Out at 350mm Ø	mm	40 x 20 x 5
Channel Legs In at 500mm Ø	mm	35 x 18 x 5
Power	kW	1.1
Rolls Diameter	mm	137
Shafts Diameter	mm	35
Bending Speed	m/min	7
Length	mm	1050
Width	mm	500
Height	mm	1250
Weight	kg	350

* With optional special rolls

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OTHER IMAGES

