
MORGAN RUSHWORTH HSR-3 120.390 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 plain. 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.

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
- Hydraulically adjusted lateral guide rolls in 2 axis
- Variable speed of rotation

OPTIONS

- Tube/profile rolls
- 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-3 120.390
Flat Bar on Edge at 1200mm Ø	mm	125 x 25
Flat Bar as Flat at 1000mm Ø	mm	200 x 50
Square Bar at 750mm Ø	mm	65 x 65
Round Bar at 850mm Ø	mm	80
Round Tube at 2800mm Ø	mm	160 x 4
Round Pipe at 1500mm Ø	mm	141.3 x 6.5
Rectangular Hollow Section at 1800mm Ø	mm	120 x 40 x 4
Square Hollow Section at 1800mm Ø	mm	90 x 90 x 5
Angle Iron Toe Out at 1200mm Ø	mm	120 x 120 x 12
Angle Iron Toe In at 1200mm Ø	mm	100 x 100 x 10
Tee Section Toe Out at 800mmØ	mm	100 x 100 x 11
Tee Section Toe In at 1000mm Ø	mm	100 x 100 x 11
Tee Section Toe Up/Down at 800mm Ø	mm	100 x 100 x 11
Channel Legs Out at 1000mm Ø	mm	220 x 80 x 9
Channel Legs In at 1200mm Ø	mm	220 x 80 x 9
H Beam at 1000mm Ø	mm	220 x 98 x 12
I Beam at 5000mm Ø	mm	160 x 74 x 9.5
Power	kW	15
Rolls Diameter	mm	390
Shafts Diameter	mm	120
Bending Speed	m/min	2 - 7.5
Length	mm	2000
Width	mm	1650
Height	mm	1900
Weight	Kg	4770

OTHER IMAGES

