

## Morgan Rushworth HSR4-80 Hydraulic Section Bending Machine



The Morgan Rushworth HSR-4 is a revolution in section bending. This unique new 4 roll machine brings all the benefits of 4 roll plate bending to section bending. The finished product has significantly reduced flat end, compared to 3 roll machines, due to the double pinching process. The optional touch screen NC Control allows for greater repeatability and accuracy with the ability to save down configurations.



Features

- Unique 4 Roll Design
- Ability to double pinch material ensuring minimal flat on end of bend
- 2 rolls driven
- Hydraulic adjustment of lower pinch roll
- Hydraulic adjustment of two bending rolls
- Hardened and ground high tensile roll shafts
- Standard modular rolls suitable to bend a wide range of profiles
- Induction hardened and ground rolls
- Smooth rolls ensure minimum material marking
- Manual lateral guide rolls with adjustment in one axis
- Steel welded frame
- Horizontal and vertical working positions
- Mobile control panel

Options

- 3 rolls driven
- Manual lateral guide rolls with adjustment in one axis
- 4-axis NC control unit; controls position of lower pinch roll, both bending rolls and the feeding of the material. Includes 100 program memories

Technical Specification

|                       |         |
|-----------------------|---------|
| MODEL                 | HSR4-80 |
| Shaft Ø mm            | 80      |
| Rolls Ø mm            | 260     |
| Shaft length mm       | 160     |
| Bending speed rpm     | 6.37    |
| No of motorised rolls | 2       |
| No of side rolls axes | 1       |
| Motor kW              | 5.5     |
| Length mm             | 1700    |
| Width mm              | 1450    |
| Height mm             | 1200    |
| Weight kg             | 2000    |