

MORGAN RUSHWORTH EXR 4200.15 CNC FOLDING MACHINE 415V

The Morgan Rushworth EXR range of CNC folders are manufactured with a rotating upper beam with one straight rail and one set of high divided tools that can both be utilised in the same folding program without any manual tool change. This versatile design enables high accuracy, high consistency and high productivity as there is only one initial tool set up to carry out. This is ideal for many folding operations including rectangular panel work with return edges to the four sides. The operator sets the program, folds the two long lengths with the straight rail, the upper beam then automatically rotates and the two ends are then folded with the high divided tools, resulting on the completed panel. The backgauge is integral to the rear support table, which is ideal for the folding of large sheets as the weight of the material is supported, resulting in a traditionally two operator job, being able to be performed with just one. The advanced 2D touch screen CNC, controls all upper beam clamping and rotating, folding beam and back gauge movements, with optional 3D touch screen to further assist the operator. Both controllers provide a view of the folded part, calculates whether the job is possible or not, the developed length and the bending sequence including whether to turn material over or around.

FEATURES

- Dual tool upper beam with 15mm and 25mm straight rail and 90mm high divided tools
- 20 degree 1mm sharp nose folding rail with 25mm clearance
- Fast 1M powered backgauge integral to rear table with roller balls
- Flat lower beam with feather style backgauge fingers
- 15.6" 2D touch screen control on swinging arm for front and rear operation
- High speed and high pressure clamping
- Virtually no marking on material
- Safe edge can be achieved without tool change
- Very quiet with low energy consumption as motors only run when machine is working
- Manual folding beam adjustment
- Manual crowning system
- Front light guards barriers.

OPTIONS

- 3D CNC touch screen controller
- 2D and 3D offline software for PC
- Longer length back gauges with U and L shape configurations
- Squaring arm for rear backgauge table
- Stainless steel backgauge table
- Brush table to protect material
- Motorised folding beam adjustment

TECHNICAL INFORMATION

Model	EXR 4200.15	
Bending Width	mm	4200
Bending Thickness - Mild Steel	mm	1.5
Bending Thickness - Stainless Steel	mm	1.0
Bending Thickness - Aluminium	mm	2.0
Clamping Beam Axis Speed	mm/sec	60
Folding Beam Axis Speed	mm/sec	85
Back Gauge Axis Speed	mm/sec	200
Clamping Beam Motor	kW	1.5
Folding Beam Motor	kW	3
Back Gauge Motor	kW	0.4
Length	mm	5450
Width	mm	2300
Height	mm	1900
Weight	kg	5500

OTHER IMAGES



Pictured with optional brush table back gauge