

MB SERIES MAGNETIC BENDING MACHINES



The fundamental principle of the magnetic bending machine is that it uses an electromagnetic clamp rather than a mechanical clamping system.

The machine consists of a long electromagnet with a steel clamp bar located above it, sheet metal is then clamped between the two by an electromagnet capable of clamping with a force range of between 3-6 tons. Rotating the bending beam then forms the bend as the sheet is bent around the front edge of the clamping bar.

There are 4 different types of clamping bar used to form different folds.



Bending bars

Model	MB625	MB1000	MB1250
Max.Capacity	625 x 1.6mm	1000 x 1.6mm	1250 x 1.6mm
Length x Thickness	2'x16ga	3'x16ga	4'x16ga
Clamping Force	3Ton	4.5Ton	6Ton
Duty Cycle	30%	30%	30%
Back Gauge	390mm	640mm	640mm
Foot Switch	Standard	Standard	Standard
Nominal Current	4Amp	6Amp	6Amp
Protection	Thermal Cut-out 70°	Thermal Cut-out 70°	Thermal Cut-out 70°
Bending-edge Length	670mm	1050mm	1300mm
Distance between Lifters	630mm	1010mm	1260mm
Machine Size	780 x 850 x 935mm	1070 x 850 x 935mm	1320 x 680 x 935mm
Net Weight	102kg	142kg	175kg

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.