

MAGNABEND®

MODEL MBB4181



ROPER  WHITNEY®

USA  MADE

Magnabend Electromagnetic Sheet Metal Bending Brake

Roper Whitneys Magnabend offers performance characteristics no conventional bending brake can match. Its unique electromagnetic keeper clamping system eliminates typical interference points common of other machines and allows you to form several complex shapes not previously possible. In addition, the Magnabend can handle all regular shapes in light ferrous and non-ferrous sheet metal (up to 4' wide, 18 ga.) in a simpler, less time consuming and efficient manner.



The rugged simple construction incorporates only one moving part assuring low maintenance and versatility for all of your light duty forming requirements. The included fingers allow for a wide variety of complex shapes to be created right out of the box including rolled edges up 330°, partial length bends, closed shapes, unlimited box depths and heavier material bends (up to 10 ga.) in shorter widths. Roper Whitneys Magnabend is the only one of its kind manufactured in the USA.

Design Features Assure Quality



Simplicity is evident in Magnabend's electromagnetic design which eliminates a conventional upper beam and more complex finger arrangements. Keepers (clamping members) are simply positioned over the work piece and are clamped in place electromagnetically when the bending beam is raised. Keepers self-adjust for material thickness as the apron moves.

Electromagnetic Design

The Magnabend is designed to eliminate the hindrance of an upper beam with the introduction of an elongated electromagnet and keeper system.

Self-Locating

A simple and effective method of locating the full length keeper is achieved by spring-loaded steel locator balls.

Back Gauge

Production efficiency in repeat bends is provided by adjustable back gauge.

Triple Hinge System

Three hinges allow Magnabend to have a lighter bending beam without limiting durability and reliability.

Bend-Angle Gauge

Convenient bend angle gauge features adjustable stop for precise, efficient repeat bends.

Safety Features

The safety button engages a light magnetic force on the keeper. As well as a safety device, this force is a convenient way to stabilize the work piece for precise measurement before you activate full clamping power.



Magnabend	
Weight	275 lbs
Dimensions (L x W x H)	27" x 52.25" x 33.25"
Electrical	115V, 1PH, 60 HZ
Maximum Bending Capacity	Mild Steel – 18 ga/ 1.25 mm Stainless – 22 ga/ 0.73 mm
Maximum Bending Width	49"
Maximum Box Depth	Unlimited
Maximum Beam Lift	Unlimited
Minimum Reverse Bend	3/4"
Finger Nose Angle	67.5°
Includes	Floor Stand, (1x) 52.5" Bending Bar, (1x) 26" Bending Bar, (1x) 12" Bending Bar, (1x) 6" Bending Bar, (1x) 4" Bending Bar, (1x) 3" Bending Bar, (1x) 2" Bending Bar, (1x) 1.5" Bending Bar, (1x) 1" Bending Bar, (1x) 0.75" Bending Bar.