



SL16132

Pan Style **MINI-BRAKE™**



*Goes wherever
you need to work*



For fabricating *shop-quality pans and boxes*, on the job, the Malco 48 in. (1.2 m) “Pan Style” Mini-Brake *quickly breaks down and goes to work with you!*

Initial assembly requires only a few metric wrenches, and / or adjustables, plus one supplied hex wrench. The fully assembled MB48B “Pan-Style” Mini-Brake is designed to be portable. At just under 100 pounds (45 kg), it may be carried comfortably by two people, or quickly separated into anvil and table components for one-person transport.



Malco®

The Malco MB48B *“Pan Style” Mini-Brake* operates virtually anywhere on the job site.



Safe operation requires that brake be placed on a sturdy surface that will not tip, such as a workbench, pickup tailgate, or

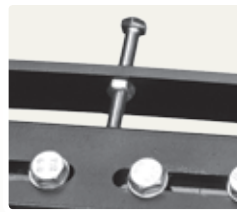
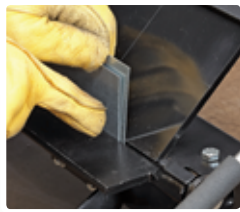
← *Optional Leg Kit (MBL)* →



Produce 135° bends in 22-gauge (0.86 mm) galvanized steel up to 48 inches (1.2 m) wide.

There is no fixed throat depth, so metal can be accommodated in any length for same direction, straight bends.

This “Pan Style” Mini Brake is also ideal for fabricating plenums and large transitions on the job.



The anvil setback can be adjusted to produce optimum quality bends in galvanized steel to a maximum of 22-ga.(0.86 mm) as well as bends in other metal thicknesses and tempers including: soft copper, aluminum, zinc and aluminum-zinc mild steel. A 5/16-inch (7.9 mm) plate-steel table apron and anvil frame, with adjustable anvil strengthening ribs, ensures uniform bends across the entire width of material. Dual-direction, cam-over-center style clamps keep the anvil secure in any position.

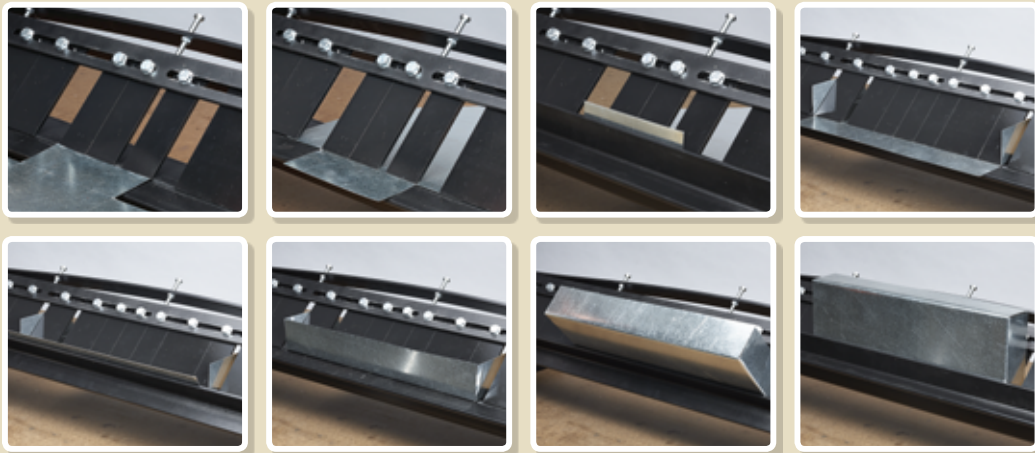
16 precision ground, movable finger plates for straight bends, pans and boxes.

Five 2-inch (50.8 mm) fingers, Six 3-inch (76.2 mm) fingers and Five 4-inch (101.6 mm) fingers create a maximum 48-inch (1.2 m) bending width. Minimum pan bending width is limited to 2-inches (50.8 mm), which is the smallest finger width. Movable finger plates also have applications for bending multiple angle combinations in roof flashing, soffit and fascia.



MB48B

Create bending widths
from 2 inches (50.8 mm)
to 48 inches (1.2 m)



*When forming
pans and boxes,
remove & position
finger plates
as needed to
span widths.*

Choose a combination of fingers that will span the bending width as close as possible. Adding space between fingers, when arranging combinations to accommodate fractional or uneven numbered pan or box side-width dimensions, will still produce an accurate bend. The anvil's clearance allows for a range of pan or box side-height dimensions from 1/2-inch (12.7 mm) to a maximum of 3-inches (76.2 mm).

MB48B Specifications

Catalog Number	Description	Bend Angle	Max Bend Width	Min. Bend Width	Min. Flange Max Pan Height	Max Pan Height	Net Wt.
MB48B	Mini-Brake	0 - 135°	48 in. (1.2 m)	2 in. (50.8 mm)	3 in. (76.2 mm)	.5 in. (12.7 mm)	99 lbs. (44.9 kg)
Options / Replacement Parts							
MBL	Leg Kit	—	—	—	—	—	—
MB48B2	Replacement Finger Plate for MB48B 2-in. (50.8 mm)	—	—	—	—	—	—
MB48B3	Replacement Finger Plate for MB48B 3-in. (76.2 mm)	—	—	—	—	—	—
MB48B4	Replacement Finger Plate for MB48B 4-in. (101.6 mm)	—	—	—	—	—	—
Capacities							
Material	Aluminum 18 Ga.	Soft Copper 18 Ga.	Zinc 18 Ga.	Galvanized Steel 22 Ga.	55% Al-Zn Mild Steel 22 Ga.		
MB48B	inches (mm)	0.040 (1.02)	0.040 (1.02)	0.040 (1.02)	0.034 (0.86)	0.030 (0.76)	

The Original Mini-Brake™



Makes bends to 135 degrees in galvanized sheet steel up to 22 gauge (0.86 mm). A beefed-up 5/16 in. (7.9 mm) plate steel apron and 48 in. (1.2 m) metal width capacity makes the Mini Brake ideal for fabricating plenums or large transitions at the job site.

Compact size makes the Mini Brake suitable for use virtually anywhere on the job site. Extra wide feet offer stability even when operating on a truck tailgate.



MB48A

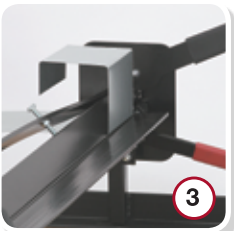
- ① A 5/16 in. (7.9 mm) plate steel apron & adjustable strengthening ribs on anvil assure uniform bends across width of material.
- ② Accommodates sheet metal up to 48 in. (1.2 m) wide in any length. There is no fixed throat depth to contend with.
- ③ Versatile bending range accommodates compact fabrications as small as a 4-in. (101.6 mm) square.
- ④ The Mini Brake also bends metal roofing components and roof flashing including copper and aluminum.
- ⑤ Dual-direction, cam-over style clamps keep anvil secure in any position. This safety conscious feature prevents anvil from free falling or creating a pinching hazard.



1



2



3



4



5



MBL

*Optional Leg Kit
also available.*

MB48A Specifications

Catalog Number	Description	Minimum Flange in. (mm)	Width ft. (M)	Net Wt. lbs. (kg)
MB48A	Mini-Brake	1/2 (12.7)	4 (1.22)	72 (32.66)
MBL	Leg Kit	—	—	18 (8.17)
Capacities	Material	Stainless Steel 24 Gauge	Galvanized Steel 22 Gauge	Mild Steel 22 Gauge
MB48A	inches (mm)	0.024 (0.61)	0.034 (0.86)	0.030 (0.76)