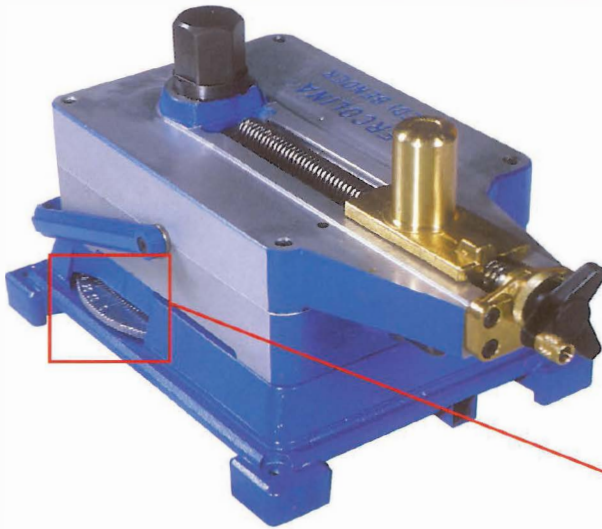
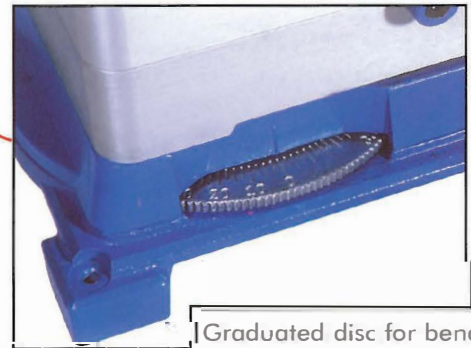


CAPACITY FROM Ø 5 MM TO 35 MM x 2.5 MM (1/4" OD to 1 3/8" OD x 1/8") WITH STANDARD ACCESSORIES INCLUDING ARTICLES 084E1 - 084B - 084G - 084F - 810 - FP010 and CRANK ART. 084L



TECHNICAL CHARACTERISTICS:

- Length: 320 mm (12,60");
- Width: 243 mm (9,57");
- Height 200 mm (7,88");
- weight: 17 Kg (38 Lbs) (inc. standard accessories)
- Upper and lower body in aluminium alloy
- Metal base frame on welded steel
- The machine is designed to be fixed to tripod Art. 084D1



Graduated disc for bend angle measurement

If fitted with accessories Art. 083A and 083B (see picture below), then Art. 083 can also be motor driven.



Features

- Portable machine ideal for fabricators and contractors with jobsite bending applications
- Bends ferrous and non-ferrous materials 1/4" to 1-1/4"
- Replaces outdated ram style hydraulic benders
- Bend angles 0 to 180°
- Bends to 90° in six (6) seconds
- Programmable bend angles with LED display
- Achieves bends as small as 2D with non-mandrel tooling
- Programmable material spring back compensation
- Patented tooling system with multiple radii available
- Remote foot pedal for hands free operation
- Patented swing away counter bending die vice
- Hex mount tooling system for rapid changeover
- No hydraulic components
- Ships with carrying case and tool kit
- One (1) year limited warranty



MediBender 070® machine only
Part# MAC-070

Patents
4986104, 5469728,
5345802, 4532787,
4981030

Adjustable Rotary Dial Settings



Material Springback & Bend angle

MediBender 070® with Pipe Kit Part# MAC-OK70

Pipe Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
1/2"	1.8	.109	TOO-153R046P0500	TOO-155P0500
3/4"	2.2	.113	TOO-153R056P0750	TOO-155P0750
1"	3.2	.113	TOO-153R082P1000	TOO-155P1000

Pipe kit only Part# TOO-PIPEKIT3

MediBender 070® with Tube Kit Part# MAC-OK70T

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
1/2"	1.8	.039	TOO-153R036T0500	TOO-154T0500
3/4"	2.6	.059	TOO-153R067T0750	TOO-154T0750
1"	2.6	.059	TOO-153R067T1000	TOO-154T1000

Tube Kit only Part# TUBEKIT3

Dimensions & Specifications

Minimum Diameter	1/4"
Maximum Diameter	1-1/4"
Minimum CLR	2D <small>Depending material and wall thickness</small>
Maximum CLR	6-7/8"
Angle Range	0-180°
Bending Speed	2.2 RPM
Programming	(1) rotary dial settings
Mandrel Capable	No
Two Axis Positioner	No
Voltage Requirement	120V ph · 220V machines available
Motor	2 hp 50-60Hz
Height	18"
Width	13"
Length	10"
Shipping Weight	100 lbs.

Refer to Page 11 for Bending for Capacities

Features

- Ideal for bending pipe, hydraulic tube, conduit, copper and other materials
- Bends ferrous and non-ferrous materials 1/4" to 1-1/2"
- Replaces outdated ram style hydraulic benders
- Achieves bends as small as 2D with non-mandrel tooling
- Programmable to bend angles 0 to 180°
- Bends to 90° in seven (7) seconds
- Programmable material spring back compensation
- Ten (10) individual bend programs with (9) nine bends within each
- Patented tooling system with multiple radii available
- Remote foot pedal for hands free operation
- Patented swing away counter bending die vice
- Built in base wheels and lift handle
- Hex mount tooling system for rapid changeover
- No hydraulic components
- Accepts Ercolina's two axis A40/P positioning table with adapter plate
- One (1) year limited warranty



MB42® machine only
Part# MAC-MB42

Patents
4986104, 5469728,
5345802, 4532787,
4981030

MB42P® with Pipe Kit Part# MAC-MB42P

Pipe Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
1/2"	1.8	.109	TOO-153R046P0500	TOO-155P0500
3/4"	2.2	.113	TOO-153R056P0750	TOO-155P0750
1"	2.6	.113	TOO-153R067P1000	TOO-155P1000
1-1/4"	4.4	.140	TOO-153R112P1250-40	TOO-155P1250

Pipe kit only Part# TOO-PIPEKIT4

MB42P® with Tube Kit Part# MAC-SB48T

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
3/4"	2.6	.039	TOO-153R067T0750	TOO-154T0750
7/8"	2.6	.039	TOO-153R067T0875	TOO-154T0875
1"	3.2	.039	TOO-153R082T1000	TOO-154T1000
1-1/4"	4.4	.039	TOO-153R112T1250-40	TOO-154T1250

Tube Kit only Part# TUBEKIT4

MB42P® with Conduit Kit Part# MAC-OK42PE1

Conduit Size	Type	CLR	Center Former Part #	Counter Bend Die Part #
1/2"	EMT	4.4	TOO-191AR112C0500	TOO-152CE0500
3/4"	EMT	5.1	TOO-191AR130C0750	TOO-152CE7500
1"	EMT	6.6	TOO-191AR170C1000	TOO-152CE1000
1-1/4"	EMT	7.4	TOO-191AR190C1250	TOO-152CE1250
1-1/2"	EMT	9.0	TOO-191AR230C1500	TOO-152CE1500
2"	EMT	10.2	TOO-191AR260C2000	TOO-154CE2000
1/2"	IMC / Rigid	4.4	TOO-191BR112C0500	TOO-155CI5000
3/4"	IMC / Rigid	5.1	TOO-191BR130C0750	TOO-155CI7500
1"	IMC / Rigid	6.6	TOO-191BR170C1000	TOO-155CI1000
1-1/4"	IMC / Rigid	7.4	TOO-191BR190C1250	TOO-155CI1250
1-1/2"	IMC / Rigid	9.0	TOO-191BR230C1500	TOO-155CI1500

Conduit Kit only Part# TOO-OK42PE1

Dimensions & Specifications

Minimum Diameter	1/4"
Maximum Diameter	1-1/2"
Minimum CLR	2D <small>Depending material and wall thickness</small>
Maximum CLR	7-1/2"
Angle Range	0-180°
Bending Speed	2 RPM
Programming	Yes / Touch Pad (10) individual programs with (9) bends within each
Mandrel Capable	No
Two Axis Positioner	Yes ~ Requires adapter plate
Voltage Requirement	120V ph · 220V machines available
Motor	2 hp 50-60Hz
Height	39-1/2"
Width	15"
Length	25"
Shipping Weight	245 lbs.

Refer to Page 11 for Bending for Capacities



MB42B® Bench Top machine only
Part# MAC-MB42B

Patents
4988104, 5469728,
5345802, 4532767,
4981030

Dimensions & Specifications

Minimum Diameter	1/4"
Maximum Diameter	1-1/2"
Minimum CLR	2D <small>Depending material and wall thickness</small>
Maximum CLR	7-1/2"
Angle Range	0-180°
Bending Speed	2 RPM
Programming	Yes / Touch Pad (10) individual programs with (9) bends within each
Mandrel Capable	No
Voltage Requirement	120V ph • 220V machines available
Motor	2 hp 50-60Hz
Height	21"
Width	15"
Length	25"
Shipping Weight	197 lbs.

Refer to Page 11 for Bending for Capacities

Features

- Portable bench top machine ideal for electrician's and plumbers bending pipe, hydraulic tube, conduit, copper and other materials
- Bends ferrous and non-ferrous materials 1/4" to 1-1/2"
- Replaces outdated ram style hydraulic benders
- Programmable to bend angles 0 to 180°
- Bends to 90° in seven (7) seconds
- Achieves bends as small as 2D with non-mandrel tooling
- Programmable material spring back compensation
- Ten (10) individual bend programs with (9) nine bends within each
- Patented tooling system with multiple radii available
- Remote foot pedal for hands free operation
- Patented swing away counter bending die vice
- Hex mount tooling system for rapid changeover
- No hydraulic components
- One (1) year limited warranty

MB42B® with Pipe Kit Part# MAC-MB42BP

Pipe Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
1/2"	1.8	.109	TOO-153R046P0500	TOO-155P0500
3/4"	2.2	.113	TOO-153R056P0750	TOO-155P0750
1"	2.6	.113	TOO-153R067P1000	TOO-155P1000
1-1/4"	4.4	.140	TOO-153R112P1250-40	TOO-155P1250

Pipe kit only Part# TOO-PIPEKIT4

MB42B® with Tube Kit Part# MAC-SB48T

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
3/4"	2.6	.039	TOO-153R067T0750	TOO-154T0750
7/8"	2.6	.039	TOO-153R067T0875	TOO-154T0875
1"	3.2	.039	TOO-153R082T1000	TOO-154T1000
1-1/4"	4.4	.039	TOO-153R112T1250	TOO-154T1250

Tube kit only Part# TUBEKIT4

MB42B® with Conduit Kit Part# MAC-OK42PE1

Conduit Size	Type	CLR	Center Former Part #	Counter Bend Die Part #
1/2"	EMT	4.4	TOO-191AR112C0500	TOO-152CE0500
3/4"	EMT	5.1	TOO-191AR130C0750	TOO-152CE7500
1"	EMT	6.6	TOO-191AR170C1000	TOO-152CE1000
1-1/4"	EMT	7.4	TOO-191AR190C1250	TOO-152CE1250
1-1/2"	EMT	9.0	TOO-191AR230C1500	TOO-152CE1500
2"	EMT	10.2	TOO-191AR260C2000	TOO-154CE2000
1/2"	IMC / Rigid	4.4	TOO-191BR112C0500	TOO-155C15000
3/4"	IMC / Rigid	5.1	TOO-191BR130C0750	TOO-155C17500
1"	IMC / Rigid	6.6	TOO-191BR170C1000	TOO-155C11000
1-1/4"	IMC / Rigid	7.4	TOO-191BR190C1250	TOO-155C11250
1-1/2"	IMC / Rigid	9.0	TOO-191BR230C1500	TOO-155C11500

Conduit Kit only Part# TOO-OK42PE1

SB48®

Features

- Bends ferrous and non-ferrous materials ¼" to 2"
- Ideal for bending pipe, tube, squares, rectangles, solids and other profiles
- Replaces outdated ram style hydraulic benders
- Achieves bends as small as 2D with non-mandrel tooling
- Programmable to bend angles 0 to 180°
- Bends to 90° in seven (7) seconds
- Programmable material spring back compensation
- Ten (10) individual bend programs with (9) nine bends within each
- Patented tooling system with multiple radii available
- Remote foot pedal for hands free operation
- Patented swing away counter bending die vice
- Built in base wheels and lift handle
- Accepts Ercolina's two axis A40/P positioning table
- Hex mount tooling system for rapid changeover
- No hydraulic components
- One (1) year limited warranty



SB48® machine only
Part# MAC-SB48

Patents
4986104, 5469728,
5345802, 4532787,
4981030

SB48® with Pipe Kit - Part# MAC-SB48P

Pipe Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part#
½"	1.8	.109	TOO-153R046P0500	TOO-155P0500
¾"	2.2	.113	TOO-153R056P0750	TOO-155P0750
1"	2.6	.113	TOO-153R067P1000	TOO-155P1000
1-¼"	3.5	.140	TOO-153R090P1250	TOO-155P1250
1-½"	3.9	.145	TOO-153R100P1500	TOO-155P1500

Pipe kit only Part# TOO-PIPEKIT2

SB48® with "Small Radius" Tube Kit Part# MAC-SB48TSR

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
¾"	2.6	.039	TOO-153R067T0750	TOO-154T0750
⅞"	2.2	.059	TOO-153R056T0875	TOO-154T0875
1"	2.6	.059	TOO-153R067T1000	TOO-154T1000
1-¼"	3.2	.079	TOO-153R082T1250	TOO-154T1250
1-½"	3.9	.079	TOO-153R100T1500	TOO-154T1500

"Small Radius" Tube Kit only Part# TUBEKIT2SR

SB48® with Tube Kit Part# MAC-SB48T

Tube Size	CLR	Min. Wall	Center Former Part#	Counter Bend Die Part#
¾"	2.6	.039	TOO-153R067T0750	TOO-154T0750
⅞"	2.6	.039	TOO-153R067T0875	TOO-154T0875
1"	3.2	.039	TOO-153R082T1000	TOO-154T1000
1-¼"	4.4	.039	TOO-153R112T1250	TOO-154T1250
1-½"	5.9	.047	TOO-153R150T1500	TOO-154T1500
1-¾"	6.7	.059	TOO-153R170T1750	TOO-154T1750

"Large Radius" Tube Kit only Part# TUBEKIT2

Dimensions & Specifications

Minimum Diameter	¼"
Maximum Diameter	2"
Minimum CLR	2D <small>Depending material and wall thickness</small>
Maximum CLR	11-7/8"
Angle Range	0-180°
Bending Speed	2 RPM
Programming	Yes / Touch Pad (10) individual programs with (9) bends within each
Mandrel Capable	No
Two Axis Positioner	Yes ~ optional accessory
Voltage Requirement	120V 220V machines available
Motor "Brushless"	2 hp 50-60Hz
Height	39-½"
Width	16-¼"
Length	22-½"
Shipping Weight	250 lbs.

Refer to Page 11 for Bending for Capacities





TB60® machine only
Part# MAC-TB60

Patents
4986104, 5469728,
5345802, 4532787,
4981030

Dimensions & Specifications

Minimum Diameter	1/4"
Maximum Diameter	2-1/2"
Minimum CLR	2D <small>Depending material and wall thickness</small>
Maximum CLR	15"
Angle Range	0-180°
Bending Speed	1.7 or 3.4 RPM
Programming	Yes / Touch Pad (10) individual programs with (9) bends within each
Mandrel Capable	No
Two Axis Positioner	Yes ~optional accessory
Voltage Requirement	220V or 440V 3 ph
Motor	2 hp 50-60Hz
Height	36"
Width	15"
Length	27"
Shipping Weight	430 lbs.

Refer to Page 11 for Bending for Capacities

Features

- Bends ferrous and non-ferrous materials 1/4" to 2-1/2"
- Ideal for bending pipe, tube, squares, rectangles, solids and other profiles
- Replaces outdated ram style hydraulic benders
- Achieves bends as small as 2D with non-mandrel tooling
- Programmable to bend angles 0 to 180°
- Bends to 90° in seven (7) seconds
- Programmable material spring back compensation
- Ten (10) individual bend programs with (9) nine bends within each
- Patented tooling system with multiple radii available
- Two bending speeds for increased accuracy
- Remote foot pedal for hands free operation
- Patented swing away counter bending die vice
- Built in base wheels and lift handle
- Accepts Ercolina's two axis A40/P positioning table
- Hex mount tooling system for rapid changeover
- No hydraulic components
- One (1) year limited warranty

TB60® with Pipe Kit • Part# MAC-TB60P

Pipe Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
1/2"	1.8	.109	TOO-153R046P0500	TOO-155P0500
3/4"	2.2	.113	TOO-153R056P0750	TOO-155P0750
1"	2.6	.113	TOO-153R067P1000	TOO-155P1000
1-1/4"	3.5	.140	TOO-153R090P1250	TOO-155P1250
1-1/2"	3.9	.145	TOO-153R100P1500	TOO-155P1500
2"	5.9	.154	TOO-153R150P2000	TOO-155P2000

Pipe kit only Part# TOO-PIPEKIT1

TB60® with "Small Radius" Tube Kit Part# MAC-TB60TSR

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
3/4"	2.6	.039	TOO-153R067T0750	TOO-154T0750
7/8"	2.2	.059	TOO-153R056T0875	TOO-154T0875
1"	2.6	.059	TOO-153R067T1000	TOO-154T1000
1-1/4"	3.2	.079	TOO-153R082T1250	TOO-154T1250
1-1/2"	3.9	.079	TOO-153R100T1500	TOO-154T1500
2"	5.9	.098	TOO-153R150T2000	TOO-154T2000

"Small Radius" Tube Kit only Part# TUBEKIT1SR

TB60® with "Large Radius" Tube Kit Part# MAC-TB60T

Tube Size	CLR	Min. Wall	Center Former Part#	Counter Bend Die Part#
3/4"	2.6	.039	TOO-153R067T0750	TOO-154T0750
7/8"	2.6	.039	TOO-153R067T0875	TOO-154T0875
1"	3.2	.039	TOO-153R082T1000	TOO-154T1000
1-1/4"	4.4	.039	TOO-153R112T1250	TOO-154T1250
1-1/2"	5.9	.047	TOO-153R150T1500	TOO-154T1500
1-3/4"	6.7	.059	TOO-153R170T1750	TOO-154T1750
2"	7.5	.059	TOO-153R190T2000	TOO-154T2000

"Large Radius" Tube Kit only Part# TUBEKIT1

TB76®



TB76® machine only
Part# MAC-TB76

Patents
4986104, 5469728,
5345802, 4532787,
4981030

NEW MODEL!
2 Speed Heavy Duty
Gear Box
2-1/4" Pipe Capacity

Features

- Bends ferrous and non-ferrous materials 1/4" to 3"
- Accommodates radius of 1/4" to 15"
- Ideal for bending pipe, tube, squares, rectangles, solids and other profiles
- Replaces outdated ram style hydraulic benders
- CLR as small as 2D with non-mandrel tooling
- Programmable to bend angles 0 to 180°
- Bends to 90° in (7) seconds
- Programmable material spring back compensation
- NC touch pad panel (30) programs (9) bends within each
- Multi-language programming
- Digital read out of counter bend axis increases repeatability
- Patented tooling system with multiple radii available
- Two bending speeds for increased productivity
- Motor brake for greater accuracy
- Remote foot pedal for hands free operation
- Patented swing away counter bending die vice
- Built in base wheels and lift handle
- Accepts Ercolina's two axis A40/P positioning table for multiple and sequential bends
- Hex mount tooling system for rapid changeover
- Proven reliable electronics
- No hydraulic components
- One (1) year limited warranty

Dimensions & Specifications

Minimum Diameter	1/4"
Maximum Diameter	3" Tube / 2 1/2" sch 40 pipe
Minimum CLR	2D <small>Depending material and wall thickness</small>
Maximum CLR	15"
Angle Range	0-180°
Bending Speed	.75 or 1.5 RPM
Programming	NC with Touch Pad (30) individual programs with (9) bends within each
Mandrel Capable	No
Two Axis Positioner	Yes ~optional accessory
Voltage Requirement	220 or 440V 3 ph
Motor	4.5 hp 50-60Hz
Height	39"
Width	20"
Length	30"
Shipping Weight	450 lbs.

TB76® with Pipe Kit - Part# MAC-TB76P

Pipe Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
1/2"	1.8	.109	TOO-153R046P0500	TOO-155P0500
3/4"	2.2	.113	TOO-153R056P0750	TOO-155P0750
1"	2.6	.113	TOO-153R067P1000	TOO-155P1000
1 1/4"	3.5	.140	TOO-153R090P1250	TOO-155P1250
1 1/2"	3.9	.145	TOO-153R100P1500	TOO-155P1500
2"	5.9	.154	TOO-153R150P2000	TOO-155P2000

Pipe kit only Part# TOO-PIPEKIT1

TB76® with "Small Radius" Tube Kit Part# MAC-TB76TSR

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
3/4"	2.6	.039	TOO-153R067T0750	TOO-154T0750
7/8"	2.2	.059	TOO-153R056T0875	TOO-154T0875
1"	2.6	.059	TOO-153R067T1000	TOO-154T1000
1 1/4"	3.2	.079	TOO-153R082T1250	TOO-154T1250
1 1/2"	3.9	.079	TOO-153R100T1500	TOO-154T1500
2"	5.9	.098	TOO-153R150T2000	TOO-154T2000

"Small Radius" Tube Kit only Part# TUBEKIT1SR

TB76® with "Large Radius" Tube Kit Part# MAC-TB76T

Tube Size	CLR	Min. Wall	Center Former Part #	Counter Bend Die Part #
3/4"	2.6	.039	TOO-153R067T0750	TOO-154T0750
7/8"	2.6	.039	TOO-153R067T0875	TOO-154T0875
1"	3.2	.039	TOO-153R082T1000	TOO-154T1000
1 1/4"	4.4	.039	TOO-153R112T1250	TOO-154T1250
1 1/2"	5.9	.047	TOO-153R150T1500	TOO-154T1500
1 3/4"	6.7	.059	TOO-153R170T1750	TOO-154T1750
2"	7.5	.059	TOO-153R190T2000	TOO-154T2000

"Large Radius" Tube Kit only Part# TUBEKIT1