

GB250/GB200/ GB130 FULLY AUTOMATED CNC GIGA BENDER

- Bending capacity to 8" Schedule 40 Pipe A53 depending on model
- Ideal for industrial bending of tube, pipe, square and rectangular profiles to center line radius as small as 1.5D
- Programmable control with bend angles 0° to 180°
- Adjustable material springback setting for each bend
- USB for unlimited program memory storage and communication
- Interactive touch screen display with ABS or INC modes
- Operator friendly control offers easy to use access to auto and manual operating modes, system diagnostics and multiple language capability
- Programmable mandrel positioning, clamping, pressure die and boost die movements
- Quick change tooling for improved productivity
- Heavy steel structure improves rigidity and minimizes vibration
- Standard with Ercolina's patented (KST) clam shell hydraulic clamping
- Electrical components UL, CSA and CE approved
- Hand-held remote bending control, certified class 3 safety
- Machines available up to (10) axis control

Dimensions & Specifications

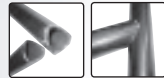
Model	Giga Bender 250	Giga Bender 200	Giga Bender 130
Tube Capacity (Max.) - Mild Steel	10" (.288 wall)	7½" (.204 wall)	5" (.196 wall)
Stainless	10" (.180 wall)	7½" (.160 wall)	5" (.150 wall)
Square Tube	8" (.200 wall)	6" (.200 wall)	4" (.160 wall)
Tube Capacity (Min.)	2½"	2"	1½"
Pipe Capacity (Max.)	8" Sch. 40	6" Sch. 40	4" Sch. 40
Bend Radius (Max.)	25"	20"	18"
Bend Radius (Min.)	4"	4"	3½"
Interactive Control	10" touch screen-color	10" touch screen-color	10" touch screen-color
Number of Programs	Unlimited - USB	Unlimited - USB	Unlimited - USB
Tube Inside Carriage (Max.)	9"	7"	5"
Mat'l Length Through Carriage (Max.)	236"	236"	236"
Mat'l Length in Carriage (Max.)	177"	177"	177"
Bend Direction	CCW	CCW	CCW
"Y" Axis Speed (ft/min)	118	118	164
"B" Rotation Speed (RPM)	20	20	30
"C" Bend Speed (RPM)	.6	.6	2
Repeatability "Y" Axis	± .2mm	± .2mm	± .2mm
"C" Axis	± .5mm	± .5mm	± .5mm
Motor (horse power @ 480V)	87	47	47
Dimensions (L x W x H - inches)	355 x 100 x 83	339 x 91 x 77	319 x 75 x 71
Weight (Dry - Lbs.)	48,500	46,500	18,000

PIPE & TUBE NOTCHERS



EN100

3" Capacity • Notch angles to 60°
Produces gap-free joints ready for welding
Simultaneous table infeed and crossfeed action
Top mounted deburring surface
Patented quick change roller system
220V or 440V 3ph.



Notch angles to 60°
in pipe or tube
up to 4½" in seconds,
to a gap free fit
ready for welding.

EN180

4½" Capacity • Notch angles to 60°
Produces gap-free joints ready for welding
Simultaneous table infeed and crossfeed action
Top mounted deburring surface
Patented quick change roller system
Powered dust extraction
220V or 440V 3ph.



Top Deburring
Surface

METAL FORMING MACHINES



EP25H2-V2 ERAPRESS®

3½" Capacity • Ideal for tube or pipe swaging
and end forming applications
Programmable touchpad controls
Memory (8) programs • Quick change tooling
Adjustable hydraulic force and working speed
220V or 440V 3ph.



ET32/2000 ERAFORM®

Metalworking machine for press
forming applications, bar twisting and
decorative scroll work
Programmable touchpad controls
Memory (8) programs
Ideal for prototype and production
applications
220V or 440V 3ph.

About This Brochure

We have tried to make this brochure comprehensive and factual. We reserve the right to make changes at any time without notice, to prices, colors, materials, equipment, specifications, models and availability. Brochure may have been updated since the time of printing.

Distributed by:



Tube, Pipe and Profile

Bending and Metalworking Machinery



TM76 MANDREL BENDER

- 3" capacity round tube and multiple profiles
- Ideal for prototype or daily production
- CLR as small as 1.5D
- Control offers easy access to manual and auto operating modes, system diagnostics and multiple languages
- USB for unlimited storage of bend programs, material library and job information
- Interactive touch screen displays absolute (ABS) or incremental (INC) positioning with inch or metric readout
- 440V 3ph.



CML USA Inc. Ercolina®

3100 Research Parkway • Davenport, IA 52806

"40 Years Excellence in Quality, Support and Service"

Ph. 563-391-7700 • Fax 563-391-7710
info@ercolina-usa.com • www.ercolina-usa.com



ROTARY DRAW MACHINES

MANDREL MODELS

NON MANDREL MODELS

ANGLE ROLL MACHINES

SECTION ROLLS

030 3 AXIS SEMI-AUTOMATIC MANDREL BENDER

- 3/4" - 3" capacity
- CLR as small as 1.5D
- Variable bending speed
- Ideal for prototype or small production
- Programmable C axis with manual X & Y positioning
- Programmable bend sequencing and mandrel retraction
 - Independent clamp and pressure die adjustment



- Tables available in 5', 10' or 20' lengths; standard with pneumatic material vise and DRO for linear and rotational positioning
- 220V or 440V 3ph.

GB90/GB100 SEMI-AUTOMATIC GIGA BENDER

- 1/2" - 4 1/4" capacity depending on model
- Ideal for bending tube, pipe, square and rectangular profiles
- CLR as small as 1.5D
- Programmable auto mandrel positioning allows operator to optimize extraction for improved bend quality
- USB for unlimited program memory storage and communication
- Interactive touch screen displays absolute (ABS) or incremental (INC) positioning with inch or metric readout
- Accepts YBC and XYZ input values
- Accepts Ercolina's patented (KST) clam shell or (FST) finger clamp systems
- 440V 3ph.



ERCO BENDER 45/76 3-AXIS CNC MANDREL MACHINE

- Machines to 3" capacity
- CLR as small as 1.5D
- Extended bending head for complex shapes and profiles
- Programmable carriage movement for tight radii
- Standard right hand bending direction
- Programmable mandrel positioning and retraction
 - Programmable touch screen control with real-time bend angle display
 - Standard 13' table, extensions available in 6' increments
- 440V 3ph.



070 Medi Bender®
1/4" - 1 1/4" Capacity
Max. CLR 6 1/4"
Rotary dial programming
120V or 220V



MB42B Bench Top®
1/4" - 1 1/2" Capacity
Max. CLR 7 1/2"
Touchpad programming
120V or 220V 3 ph.



060 Super Bender®
1/4" - 2" Capacity
Max. CLR 8 3/4"
Rotary dial programming
120V



SB48 Super Bender®
1/4" - 2" Capacity
Max. CLR 8 3/4"
Touchpad programming
120V standard
220V 3 ph. available



050KD Economy Top Bender®
1/4" - 2 1/2" Capacity
Max. CLR 11 3/4"
Rotary dial programming
220V or 440V 3 ph.



TB60 Top Bender®
1/4" - 2 1/2" Capacity
Max. CLR 15"
Touchpad programming
220V or 440V 3 ph.



TB76 Top Bender®
1/4" - 3" Capacity
Max. CLR 15"
Touchpad programming
220V or 440V 3 ph.



030 Mega Bender®
1/4" - 3" Capacity
Max. CLR 15"
Touchpad programming
Mandrel ready
220V 1ph or 220 - 440V 3 ph.



TB100 Top Bender®
1/4" - 4" Capacity
Max. CLR 18"
Touch screen programming
440V 3 ph. standard
220V 3 ph. available
1032 lbs.



TB130 Top Bender®
1/4" - 5" Capacity
Max. CLR 27.5"
Touch screen programming
440V 3 ph. standard
220V 3 ph. available
1350 lbs.



TB140 Top Bender®
1/4" - 6" Capacity
Max. CLR 43"
Touchpad programming
440V 3 ph. • 6500 lbs.



CE35 (Manual)
1 1/2" Capacity - sch. 40 pipe and angle iron • 220V 1ph.



CE40 (Manual & Hydraulic)
2" Capacity - sch. 40 pipe and angle iron • 220V or 440V 3ph.



ER60H3 (Hydraulic)
2" Capacity - sch. 40 pipe and angle iron • 220V or 440V 3 ph.



ER76H3 (Hydraulic)
2 1/2" Capacity - sch. 40 pipe and angle iron • 220V or 440V 3 ph.



CE50 (Manual & Hydraulic)
2 1/2" Capacity - sch. 40 pipe and angle iron • 220V or 440V 3 ph.



CE70 (Hydraulic)
3" Capacity - sch. 40 pipe and angle iron • 220V or 440V 3ph.



CE70DP (Hydraulic)
3" Capacity - sch. 40 pipe and angle iron • 440V 3 ph.



CE100 (Hydraulic)
4" Capacity - sch. 40 pipe and angle iron • 220V or 440V 3 ph.