

## 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

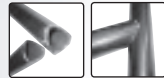
Model	Giga Bender 250	Giga Bender 200	Giga Bender 130
Tube Capacity (Max.) - Mild Steel	10" (.288 wall)	7½" (.204 wall)	5" (.196 wall)
Stainless	10" (.180 wall)	7½" (.160 wall)	5" (.150 wall)
Square Tube	8" (.200 wall)	6" (.200 wall)	4" (.160 wall)
Tube Capacity (Min.)	2½"	2"	1½"
Pipe Capacity (Max.)	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

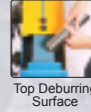


### EN100

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.



Top Deburring Surface

### 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.



## METAL FORMING MACHINES



### 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.



### 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.

### 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.

ASK  
ABOUT OUR  
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LOYALTY  
PROGRAM

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# 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.



**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.



**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.



**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.

