

NC & CNC MACHINES

MANDREL MODELS

030 3 AXIS SEMI-AUTOMATIC MANDREL BENDER

- ▶ Capacity **2½" tube** or **1½" Sch. 40**
- ▶ CLR as small as **1.5D**
- ▶ NC programmable C axis with manual X & Y positioning
- ▶ Variable bending speed
- ▶ Ideal for bending thin wall mild steel, stainless steel, aluminum and other materials
- ▶ Programmable bend sequencing and mandrel retraction
- ▶ Independent clamp and pressure die adjustment
- ▶ **220V** or **440V** 3ph.

(10' table displayed – 5' table not available with base enclosure)

TM76 MANDREL BENDER

- ▶ Bending capacity to **3" round tube** and multiple profiles or **2" Sch. 40**
- ▶ CLR as small as **1.5D**
- ▶ Ideal for prototype or daily production
- ▶ 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
- ▶ **220V** or **440V** 3ph. available



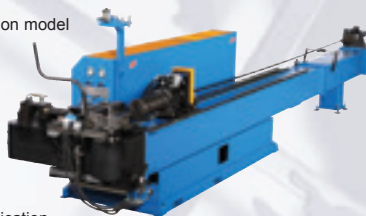
ERCO BENDER 76 3 AXIS CNC MANDREL MACHINE

- ▶ Machines to **3" tube** or **1½" Sch. 40** 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
- ▶ **440V** 3ph.

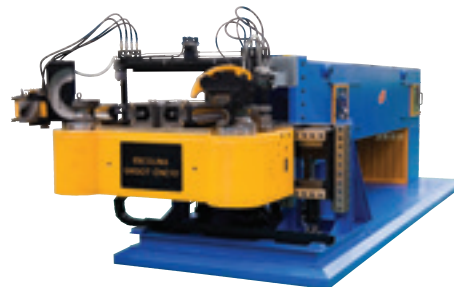
GIGA BENDER GB90/GB100 SEMI-AUTOMATIC OR CNC MANDREL MACHINES

- ▶ **½" - 4¾"** capacity depending on model
- ▶ Ideal for Industrial bending of tube, pipe, square and rectangular profiles
- ▶ CLR as small as **1.5D**
- ▶ Interactive PLC touch screen offers easy access to auto and manual operating modes, system diagnostics and multiple language capability
- ▶ USB for unlimited program memory storage and communication
- ▶ Programs in YBC or XYZ input value
- ▶ **440V** 3ph



www.ercolinacnc.com

GB130/GB180/GB250 FULLY AUTOMATED CNC GIGA BENDER



Machines available up to (10) axis control

- ▶ Bending capacity 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 1.3D
- ▶ Programmable control with bend angles 0° to 180°
- ▶ Programs in YBC or XYZ input value
- ▶ Adjustable material springback setting for each bend
- ▶ USB for unlimited program memory storage and communication
- ▶ Quick change tooling for improved productivity
- ▶ 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
- ▶ 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

Dimensions & Specifications

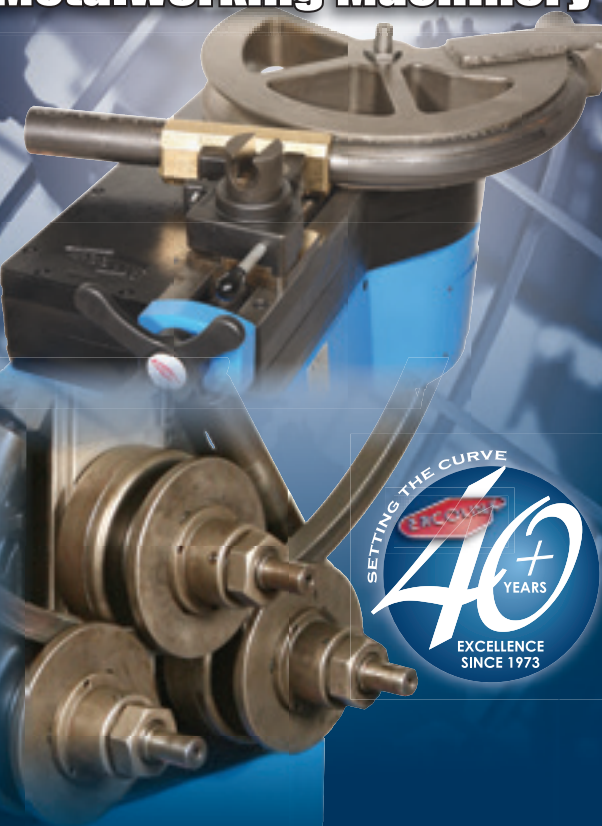
Model	Giga Bender 130	Giga Bender 180	Giga Bender 250
Tube Capacity (Max.) - Mild Steel	5" (.196 wall)	6½" (.187 wall)	Information upon Request
Stainless	5" (.150 wall)	6" (.187 wall)	
Square Tube	4" (.160 wall)	4" (.187 wall)	
Tube Capacity (Min.)	1½"	2"	
Pipe Capacity (Max.)	4" Sch. 40	5" Sch. 40	
Bend Radius (Max. / Min.)	18" / 3½"	20" / 4.7"	

Distributed by:



Beware of Imitations!

Tube, Pipe and Profile Bending and Metalworking Machinery



CML USA Inc. Ercolina®

3100 Research Parkway • Davenport, IA 52806

Excellence in Quality, Support and Service

Ph. 563-391-7700 • Fax 563-391-7710

info@ercolina-usa.com • www.ercolina-usa.com



ROTARY DRAW NON-MANDREL MACHINES

GENERAL PRODUCTION MODELS

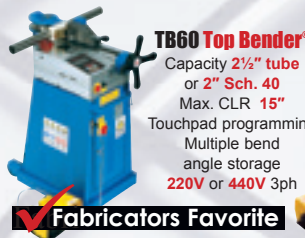


SB48 Super Bender®
Capacity 2" tube or
1½" Sch. 40
Max. CLR 8½"
Touchpad programming
120V 1ph standard
(3ph available)

✓ **Fabricators Favorite**



**050KD Economy
Top Bender®**
Capacity 2½" tube or
2" Sch. 40
Max. CLR 11¼"
Rotary dial programming
220V or 440V 3ph



TB60 Top Bender®
Capacity 2½" tube
or 2" Sch. 40
Max. CLR 15"
Touchpad programming
Multiple bend
angle storage
220V or 440V 3ph

✓ **Fabricators Favorite**



030 Mega Bender®
Capacity 3" tube or
2½" Sch. 10
Max. CLR 15"
Touchpad programming
Mandrel ready
220V 1ph or
220 - 440V 3ph

LARGE CAPACITY MODELS



TB100 Top Bender®
Capacity 4" tube or 3" Sch. 40
Max. CLR 17"
Touch screen programming
440V 3ph standard
220V 3ph available



TB130 Top Bender®
Capacity 5" tube or 4" Sch. 40
Max. CLR 27.5"
Touch screen programming
440V 3ph standard
220V 3ph available

– LARGER CAPACITY MODELS AVAILABLE –

PORTABLE MODELS



0130G Jolly® Junior
Capacity 1" tube
Closed circuit
hydraulic pump



070 Medi Bender®
Capacity 1½" tube or
1" Sch. 10
Max. CLR 6½"
Rotary dial programming
120V or 220V

ANGLE ROLL MACHINES

SECTION ROLLS



**CE35
(Manual)**
1½" Sch. 40 pipe capacity
1½" angle iron capacity
220V 1ph



**CE40MR3 (Manual)
CE40H3 (Hydraulic)**
2" Sch. 40 pipe capacity
2" angle iron capacity
220V or 440V 3ph

✓ **Fabricators Favorite**



CE50H3 (Hydraulic)
2½" Sch. 40 pipe capacity
2½" angle iron capacity
220V or 440V 3ph

✓ **Fabricators Favorite**



**CE70H3
(Hydraulic)**
3" Sch. 40 pipe capacity
3" angle iron capacity
220V or 440V 3ph



**CE100H3-RLI
(Hydraulic)**
4" Sch. 40 pipe capacity
4" angle iron capacity
220V or 440V 3ph

*All capacities
based on A53
grade A 48K psi
tensile materials;
heavy wall and
high tensile
materials reduce
machine capacity.*

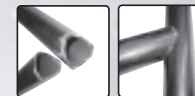
*Consult supplier
for material
specifications.*

PIPE & TUBE NOTCHERS



EN100

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 3" in seconds, to a gap free fit
ready for welding.



Top Deburring
Surface

METAL FORMING MACHINES



EP60 ERAPRESS®

4½" Capacity
Ideal for tube or pipe swaging and
end forming applications
Programmable LCD touch screen control
Unlimited program storage with USB
Adjustable hydraulic force and working speed
Optional side shift feature reduces
tooling changeover • 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



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.



www.ercolina-usa.com