

# ANGLE ROLLS-SECTION BENDERS

## CE100 & CE70



U.S. Patent  
5,970,770; 6,173,598  
MX Patent  
209183

Part# **CE100H3-RLI**  
Capacity: 4" Sch. 40 Pipe  
4" Angle Iron

### Features

- Bending speeds 20% faster than competitive machines
- Forged roll shafts precision ground and fitted for maximum performance and minimal deflection
- Heavy duty structure and rigid components for high section modulus ratings
- Reinforced engineered mainframe design proven to outperform competitive models
- Patented by Ercolina® simultaneous downfeed and roll movement minimizes deformation
- Programmable touchpad controls with digital center roll positioning display
- Universal tooling set included with each machine
- Memory storage with eight (8) individual programs and unlimited passes
- Remote control pendant with low voltage controls and foot pedal switch
- Threaded roll shafts with micrometric flange adjustment helps eliminate spacer usage
- Inline direct drive roll shaft system
- Three axis hydraulic anti-twist system for angle iron "Leg In" applications (manual on CE70 - hydraulic optional)
- One (1) year limited warranty

### Dimensions & Specifications



Three axis adjustable hydraulic twist correctors.

Model	CE100H3-RLI
Roll Shaft Diameter	100mm
Center Roll Positioning	Hydraulic - 30 Tons
Max. Pipe Capacity	4" Sch. 40
Max. Angle Capacity	4" x 4" x 1/2"
Universal Tooling	Included - 12 5/8" O.D.
Programming	NC - Touchpad
Number of Programs	8
Roll Shaft Speed	6 RPM
Operating Position	Horizontal or Vertical
Twist Correction	Yes / 3 Axis Hydraulic
Control Tower	Yes w/ joystick
Operating Voltage	220-440V 3ph
Drive Motor "Upper" (1)	2 1/2 hp into planetary
Drive Motor "Lower" (2)	2 hp into planetary
Hydraulic Pump	2.6 hp
Distance between Shafts	19 1/4"
Section Modulus	90 cm <sup>3</sup>
Dimensions (Length, Width, Height)	66" x 58" x 83"
Shipping Weight	5500 lbs.

\* Machines with hydraulic twist correction available

\*\* 3 phase machines can be used with minimum 15 hp rotary phase converter

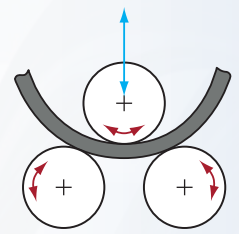


**CE70**  
Bends 3" Pipe  
3" Angle Iron



Part# **CE70H3**  
Capacity: **3" Sch. 40 Pipe**  
**3" Angle Iron**

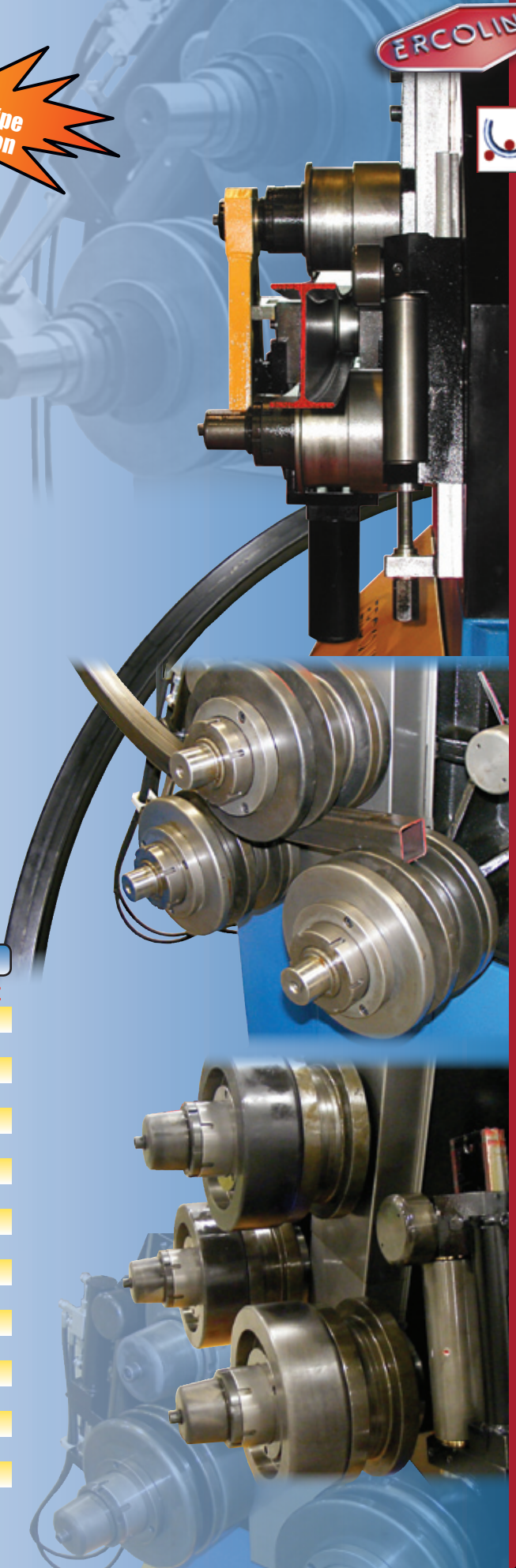
International Patent Application  
PCT/IT 01/00381



Symmetrical Bending



Programmable control of center roll.



**Bending • Notching • Swaging • Ornamental • Metalworking Machinery**

<b>CE70H3-RLI w/Hydraulic 3 Axis Twist</b>	<b>CE70H3 w/Manual 3 Axis Twist</b>
70mm	70mm
Hydraulic - 16 Tons	Hydraulic - 16 Tons
3" Sch. 40	3" Sch. 40
3" x 3" x 3/8"	3" x 3" x 3/8"
Included - 9.5" O.D.	Included - 9.5" O.D.
NC - Touchpad	NC - Touchpad
8	8
8 RPM	8 RPM
Horizontal or Vertical	Horizontal or Vertical
3 Axis Hydraulic	Mechanical
Yes w/joystick	Yes w/joystick
**220-440V 3ph	**220-440V 3ph
1½ hp into planetary	1½ hp into planetary
1½ hp into planetary	1½ hp into planetary
2.6 hp	2.6 hp
15"	15"
35 cm <sup>3</sup>	35 cm <sup>3</sup>
54" x 43" x 57"	54" x 43" x 57"
3100 lbs.	2860 lbs.

**Refer to Pages 38-39 for Minimum Radius Guide**