



**EAGLE**  
BENDING MACHINES

**CP40**  
SERIES

AMERICA'S PREFERRED CHOICE



THE NAME BRAND THAT SETS THE STANDARDS



BENDING MACHINES



# STEP UP TO EAGLE...

Experience the **BENEFITS ALL CP40 Benders Feature:**

- LED Digital Readouts, Large High Brightness
- Horizontal & Vertical Operation for Increased Versatility
- Mobile Control Consoles for Operator Mobility & Safety
- Solid Steel Main Frame Plates - **NO CASTINGS**
- Powerful Exclusive Ratchet Lateral Guide Thrust Adjustment
- Patented Z-BLOCK Bend Roll Journal Design, Increase Rigidity
- Roll to Capacity *Without* Cumbersome Shaft Tie Bars
- **NO CASTINGS** - Frames and Tooling in Solid Alloy Steel
- Custom Tooling Produced In-House for Improved Quality Control and Rapid Turn Around
- Thousands of Stock Tooling and Components Ready to Ship.

**MAKE THE BEST CHOICE and GAIN THE MOST VALUE FROM YOUR INVESTMENT!**



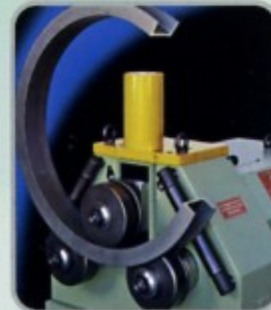
Custom Tooling Built To Fit Your Profiles



Tooling Built In-House For Rapid Turnarounds



Leg-in Angle Rolling Tools Available on All Models



Wide C-Channel Rolling Using Standard Tooling



**CP40H**  
(shown horizontal)



Cap Rail Tooling



**FULL IN-HOUSE STOCK TOOLING & PARTS**



Industrial Controls, LED's & Dual E-Stops on each unit



Easy Ratchet Adjust on All Lateral Guides

# CP40 M-H2-H SERIES

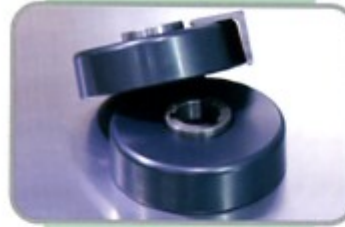
AFFORDABLE • POWERFUL • VERSATILE

CAPACITIES	CP40 M-H2-H	Based on Mild Steels
MATERIAL SHAPE	MAXIMUM SIZE MINIMUM ID	TOOLING NOTES
	2-1/4" x 3/8" Ø20"	STANDARD ROLLS
	4" x 5/8" Ø16"	STANDARD ROLLS
	1-3/8" Ø20"	STANDARD ROLLS
	2"x11GA Ø48"	STANDARD ROLLS *
	2-1/4"x1-1/2"x11GA Ø48"	STANDARD ROLLS *
	2-1/2"x1/4" Ø24"	STANDARD ROLLS
	2"x1/4" Ø24"	STANDARD ROLLS
	3"x1-3/4" Ø24"	STANDARD ROLLS
	3"x1-3/4" Ø24"	STANDARD ROLLS
	1-3/8" Ø20"	OPTIONAL ROLLS *
	2"Scd. 40 Ø40"	TUBE/PIPE ROLLS
	2-3/4 x 16GA Ø48"	TUBE/PIPE ROLLS
	2" x 1/4" Ø24"	SPECIAL ROLLS *
	2" x 1/4" Ø28"	OPTIONAL TOOLING

\* On some sections for limited quantities it may be possible to use standard rolls. For optimum results or if production runs are required, it is necessary to use optional rolls and/or optional accessories.

Chart indicates minimum suggested inside bending diameters at maximum section size using mild steel in one or more passes. Specifications subject to change/modification without prior notice. Data is approximate. Contact your authorized dealer for specific tooling capabilities & requirements on shapes and sizes to be bent. Special rolls and/or tooling may be required for some angle, channel rolling and/or for serial production on some sections. Bending I.D.'s may be limited by predicted material distortion and multiple passes.

# OPTIONAL TOOLING



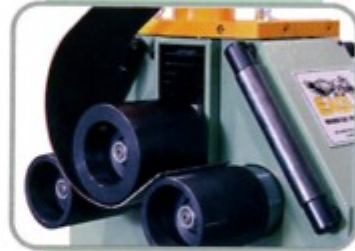
Angle Rolls



Angle Lateral Guides



Wide Flat Rolls



Wide Flat Rolls



Tight Diameter Rolls



Tight Diameter Rolls



Spiral Rail Tooling ATSC

**MORE OPTIONS AVAILABLE... INCLUDING IN-HOUSE CUSTOM MADE TOOLING.**



STANDARD Scroll Tool w/ Scroll Former and Fixed Bar Support.



STANDARD Twist Tool w/Collet and Clamp



SCROLL MAX System w/ 2 Stage Scroll Former, Adjustable Bar Support & Former Engaging Handle



TWIST MAX System Professional Bar Twisting Kit w/ Rails, Stand, Collet, Sliding Clamp & 4 Quick Release Chucks



(MAX Tools use same mounting plate. Sold Separately)



TEL: (251) 937-0947  
FAX: (251) 937-4742

www.eaglebendingmachines.com

sales@eaglebendingmachines.com

# ROLL WITH AN ORIGINAL - ROLL WITH EAGLE-BPR

With over 24,000 machines produced, satisfied users worldwide are rolling with Original EAGLE-BPR Universal Bending Machines. Experience the Advantages! Ask about Plate Rolls, Large Angle Rolls, Ornamental Machinery & Other Fabricating Equipment. Machines, Tools and Components IN STOCK!  
**MAKE THE RIGHT CHOICE-COMPARE!**

## CP40H – CP40H2 – CP40M TECHNICAL SPECIFICATIONS

Shaft diameter: 1.575" (40 mm)  
Roll Diameter: 6.375" (162 mm)  
Installed Power: 2.25 HP (H & H2)  
Installed Power: 1.50 HP (M)  
LED Readout: All Models  
Position Repeat: Automatic (H & 40H2)

Adjustment: Hydraulic (H & H2)  
Cyl. Thrust: 10 Ton (H)  
Floor Space: 28" x 48" (Vertical)  
Voltage: 3 Phase 60Hz  
Ship Weight: H-H2 1,300 Lbs  
Ship Weight: M 1,050 Lbs

## STANDARD FEATURES ALL UNITS

- Three Roll Pyramid Universal Roll Benders
- MPR40 LED Readout with 400 Auto-Positioning Memory (H/H2), LED Readout (M)
- Powerful and Easy to Use Pyramid Geometry
- High Strength Hardened Shafts
- 25% Heavier Main Frames in Solid Steel w/ Limited Lifetime Warranty
- Universal Bending Roll Set 18 pcs.
- All Dual Bearings, No Bushings
- Flush Electrical Panels, NEMA Type
- Detached Mobile Operator Consoles
- Dual Pedal Controlled Rotation
- Lateral Guides w/ Bearings, Variable Angle, Heavy Duty with Easy, Recessed Hex Ratchet Adjustments on Thrust
- TEFC Motors, Overload Protected
- Illustrated Instruction Manual & Tool Kit

## OPTIONS / ACCESSORIES

- Tube & Pipe Rolls
- Wide Flat & Tight Diameter Rolls
- Rolls & Guides for Angle Iron Leg In-Out
- Bar Twisting & Scrolling Tools
- Rolls for Cap Rail Profiles, all types
- Rolls for Extrusions & Other Shapes

## MODEL LEGEND

### 4 VERSIONS TO FIT YOUR NEEDS and BUDGET!

#### CP40H – Hydraulic Adjust

3 Driven Rolls, Smooth, Auto Repeat Positioning/LED

#### CP40H-REV – Hydraulic Adjust

CP40H including Variable Speed Drive Via Digital Motor Inverter

#### CP40H2 – Hydraulic Adjust

2 Driven Rolls, Lower Rolls Knurled for Traction, Top Roll Smooth with Auto Repeat Positioning/LED

#### CP40M – Manual Adjust

2 Driven Rolls, Lower Rolls Knurled for Traction, Top Roll Smooth with LED Readout for positioning



P.O. Box 99 • 34225 Hwy 31  
Stapleton, AL 36578

TEL: (251) 937-0947

FAX: (251) 937-4742

Disclaimer: Roll bending machines distributed by Eagle Bending Machines, Inc. are all designed with Emergency Stops and Thermal Overloads. The employer of the operator is responsible for providing and insuring the usage of point of operation guards and/or properly applied and adjusted point of operation devices as required to meet OSHA, state and local safety requirements.

[www.eaglebendingmachines.com](http://www.eaglebendingmachines.com)

[sales@eaglebendingmachines.com](mailto:sales@eaglebendingmachines.com)