Our Reputation is based upon Solid Customer Satisfaction. Over 4,000 Professional Quality Benders placed in North American Shops since 1993 is a Testament to this Fact.

The Difference is Truly in the Details!

Eagle Bending Machines, Inc. leads the Roll Bending Industry with our Innovative, Professional Grade Section Bending Machines. Regardless of your shop size, Eagle will provide a bender to match your needs and fit your budget.

For over 30 Years, Our Benders have always been built to Superior Performance Standards for Precision, Versatility, and Longevity. Many additional thousands of CP Series Benders have been placed in shops around the globe. The Eagle brand is renowned worldwide.

Our Factory Trained Sales and Service Personnel, Application Engineers, Tooling Designers and support staff form a team with over 100 years of experience for your benefit. Eagle's Testing Facility and CNC Machine Shop produce Custom Rolls and Tooling to accomplish the most demanding roll bending applications. We are Solution Oriented and have an extensive stock of machines- tooling-parts ready to ship.

Eagle machines are rated highest in overall customer value and satisfaction with features and benefits that outperform any other. Units are tested 2 or more times at our facility to insure the highest level of quality control. We supply tooling, accessories and parts for machines placed in service over 30 years ago.

Eagle provides the highest level of Value to Cost and Long Term Return on Investment. Our Products are backed by an UNMATCHED Warranty and Professional Customer Service.

Tour our web site to discover for yourself how our unique features and Attention to Details become added benefits to your business!

www.eaglebendingmachines.com / sales@eaglebendingmachines.com
**CP30 SERIES**

**STANDARD FEATURES ALL UNITS**
- LED Digital Readout
- Three Roll Universal Benders
- 25% Heavier Main Frames in Solid Steel w/ limited lifetime warranty
- High Strength Hardened Steel Shafts
- TEFC Electric Motors, CE Certified
- Lower Shafts Driven, Top Shaft Idle
- Universal Roll Set, Hardened, 24 pieces
- Lower Rolls Knurled, Top Roll Smooth
- Thermal Overload Protection & E-stops
- Lateral Material Guides w/ bearings, variable rake angle, & recessed hex adjustment. These features not on 'look-alike' machines
- Flush Faced Frame and Electrical Cabinet
- Dual, High Dynamic Load Bearings on shafts
- Top Roll Journal on Adjustable Guides & Ways
- Illustrated User Manual & Tool Kit

**OPTIONS / ACCESSORIES**
- Tube & Pipe Rolls
- Wide Flat & Tight Diameter Rolls
- Rolls & Guides for Angle In/Out
- Bar Twist & Scroll Tooling
- CAP RAIL ROLLS
- Rolls for Extrusions/Other Shapes

**MODEL LEGEND**
- M 1 Speed, 220V Single Phase
- 2V 2 Speed, 220V, Three Phase
- P Foot Pedal Rotation Control
- R Rotating Horizontal / Vertical
- E* 1 Speed, w/out LED

**SPECIFICATIONS**
- Shaft OD : 1-3/16" (30 mm)
- Roll OD : 5" Nominal (128 mm)
- Power : 1.15 HP 220V-3-60Hz
- Power : 1.50 HP 220V-1-60Hz
- Weight : 550 Lbs, approx.

**CP30 CAPACITIES**

<table>
<thead>
<tr>
<th>SHAPE</th>
<th>MAX SIZE</th>
<th>MIN ID</th>
<th>NOTES</th>
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<td>2 x 1 x 11GA</td>
<td>48&quot;</td>
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*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.

**5 Versions to Fit Your Budget!**
- CP30-PR2V & CP30-PRM
  - Foot Pedal Controls, Rotating Head, horiz/vertical operation
- CP30-MS
  - Short Base version for use on trailer, tail gate, work bench
- *CP30E-PR & CP30E RPM
  - Foot Pedal Controls, Rotary Head w/out LED

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 properly trained and adjusted point of operation devices as required to meet OSHA, state and local safety requirements.
CP40H-H2-M SERIES

CP40 FEATURES AND BENEFITS
- 3 Roll Pyramid Universal Roll Bender
- MPR40 LED Readout, 400 Auto Repeat Memory (H/H2), LED Readout (M)
- Powerful Easy to use Pyramid Style
- 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, 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 In/Out
- Bar Twisting & Scrolling Tools
- Rolls for Extrusions & Other Shapes
- CAP RAIL ROLLS

NO CASTINGS in our Machines!

SPECIFICATIONS
- Shaft OD: 1.575" (40 mm)
- Roll OD: 6.375" (162 mm)
- Power: 3.6 HP (H & H2)
- Weight: H-H2 1,300 Lbs
- Weight: M 1,050 Lbs

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 CE, states and local safety requirements.

4 Versions Fit Your Budget!

- **CP40H** – Hydraulic Adjustment
  - 3 Driven Rolls, Smooth, Auto Repeat Positioning/LED
- **CP40H-REV** – Hydraulic Adjustment
  - CP40H including Variable Speed Drive Via Digital Motor Inverter
- **CP40H2** – Hydraulic Adjustment
  - 2 Driven Rolls, Lower Rolls Knurled for Traction, Top Roll Smooth with Auto Repeat Positioning/LED
- **CP40M** – Manual Adjustment
  - 2 Driven Rolls, Lower Rolls Knurled for Traction, Top Roll Smooth with LED Readout for positioning

EAGLE BENDING MACHINES
www.eaglebendingmachines.com  sales@eaglebendingmachines.com
P.O. Box 99, 34225 Hwy 31, Stapleton AL 36578
Tel: 251.937.0947  Fax: 251.937.4742
CP60-H FEATURES AND BENEFITS

- 2 Roll Pyramid Universal Roll Bender
- MPR40 LED Readout, 400 Auto Repeat Memory (H/H2), LED Readout (M)
- Powerful Easy to use Pyramid Style
- 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, Hex Ratchet Adjustments on Thrust
- TEFC Motors, Overload Protected
- Illustrated Instruction Manual & Tool Kit

2 Versatile Versions
(H & REV) allow you to Roll with Renowned Eagle Quality and choose the best fit to your budget. Eagle CP60H Universal Section Benders offer unmatched features such as 400 Position Auto-Repeat Controls, LED Readouts, Concealed Oil Lines, Flush Electrical Cabinets, Limited Lifetime Frame Warranties and more! Make the Best Decision for your Shop!

CP60H / CP60H-Rev
SPECIFICATIONS

- Shaft OD: 2-3/8" (60 mm)
- Roll OD: 8.85" Nominal
- Drive: 3.4 HP 220V/60Hz
- Pump: 2.0 HP 220V/60Hz
- Repeat: Automatic + LED
- Powered Rolls 2 Lower Rolls Driven
- Dimensions: 37" x 51" x 63" h
- Ship Weight: 2,425 Lbs. approx.

CP60-H CAPACITIES

<table>
<thead>
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<td>STANDARD ROLLS</td>
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</tbody>
</table>

*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.

NO CASTINGS! CNC Machined Solid Steel Frames

CP60-H is designed to work in both vertical and horizontal positions
The Name Brand that Sets the Standards

BA SERIES

FEATURES
- (Full PC/Windows Based CNC Controls)
- Exclusive BPR Direct Radius “PRO-Bending” Program
- Direct Radius Input & On-Board CAD Graphics allow
  the operator to visualize and edit shapes on screen
- Accepts Auto-CAD DXF file downloads
- Automatic Interpolation-Blending between bends speeds up
  and simplifies programming
- Standard Shape program Archive of most common shapes
- Servo Controlled Bending Roll Movement offers Industries
  Highest Level of Material Variance Control & Bending Precision
- Large Full Color Graphic Screen Interface
- Unlimited Program Memory, Hard Drive + USB Port
- RS-232 Serial Port enables use of external Lap-Top
- Automatic Interpolation/Blending & Mirror Imaging Functions
- Variable Speed Rotation & Rise/Decent of Bending Roll
- Air Oil Heat Exchanger Maintains Oil at Constant Temp.
  Note: BA Units Require Dedicated Rolls (Optional)

OPTIONS/ACCESSORIES
- Rolls for Tube-Pipe, Round and Square
- Custom Rolls for Extrusions & Special Sections
- Special Voltages Upon Request

STANDARD EQUIPMENT
- Adjustable Lateral Material Guides
- Service Tools + Illustrated Manual

BA CAPACITIES

Based on Mild Steels

<table>
<thead>
<tr>
<th>SHAPE</th>
<th>Maximum</th>
<th>Size &amp; Minimum I.D.</th>
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</table>

* 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.

Driven Rolls 3 3 3
Rolling Speed fpm 10 13 16
Repeat Control Auto repeat Auto-Repeat Auto-Repeat

Chart indicates minimum inside bending diameters at maximum section size using raw steel. Specifications subject to change/Reduction without prior notice. Data is approximate. Contact your authorized dealer for specific bending capabilities/recommendations on sections and sizes to be bent. Special rolls and/or options may be required for some angles and configurations. For serial production on some sections, bending ID’s may be limited by predicted material distortion.

BA50

BA20

BA35

Roll-bending machines distributed by Eagle Bending Machines, Inc. are designed and manufactured to comply with ANSI B11.13, 1998 standards. The employer of the operator is responsible for providing and installing the usage of manual guards and/or property applied and adjusted point of operation devices as required to meet OSHA, state and local safety requirements.

EAGLE BENDING MACHINES
www.eaglebendingmachines.com sales@eaglebendingmachines.com
P.O. Box 99, 34225 Hwy 31, Stapleton AL 36576
Tel: 251.937.0947 Fax: 251.937.4742

4
## CPS SERIES

### FEATURES
- Three Driven Rolls Universal Profile Bender Initial Pinch Geometry for Serial Production
- Hydraulic Up / Down Movement on Forming Roll
- High Strength Hardened Shafts w/Roller Bearings
- Universal Bending Rolls, Smooth, Induction Hardened
- Horizontal & Vertical Working Position (BA/CPS 35&40)
- Push Button Controls, Detached Console w/ E Stop
- LED Readout, Large High Brightness, 24VAC Controls
- 400 Memory Automatic Position Repeat “APR” System
- Flush Mount Switch Gear Panel with Safety Lamps
- Bending Roll Moving on Adjustable, Hardened Gibbs
- Adjustable Lateral Material Guide
- Service Tools and Illustrated Manual

### VERSIENS 20 - 35 - 50

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<th>CPS-REV (Variable Rolling Speed)</th>
<th>CPS-AUT (Automatic Bend Execution)</th>
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### CPS CAPACITIES

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<td>2/3/4(\times)1/4(\times)1/8&quot;</td>
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</tbody>
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* On some sections for limited quantities it may be possible to use standard rolls. For optimum results or if production rolls are required, it is necessary to use optional rolls and/or optional accessories.

- Driven Rolls: 3
- Rolling Speed (fpm): 10, 13, 16
- Repeat Control: Auto-repeat, Auto-Repeat, Auto-Repeat

*Chart indicates minimum suggested inside bending diameters at maximum section size using mild steel. Specifications subject to change without prior notice. Data is approximate. Contact your authorized dealer for specific bending capabilities/requirements on shapes and sizes to be bent. Special rolls and/or tooling may be required for some angle, channel rolling sections for serial production on some sections. Bending 1.5" may be limited by predicted material deflection.*

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EAGLE BENDING MACHINES
www.eaglebendingmachines.com  sales@eaglebendingmachines.com
P.O. Box 99, 34225 Hwy 31  Stapleton AL 36578
Tel: 251.937.0947  Fax: 251.937.4742
**Z402 SERIES**

ZM402 & ZH402 are three roll, pyramid type Universal Roll Bending Machines with manually or hydraulically adjusted forming roll. Our units roll standard/special sections and tube/pipe in a variety of material types.

These machines are Superior In Every Aspects with a Solid Steel MAIN Frame! We use no castings in our machines unlike many other look-alikes.

Our Efficient Pyramid Design uses a wide lower inter-axis and extended forming roll vertical travel to maximize bending power.

Compare Higher Weight, 100% more reliable frame, 100% Superior Warranty to other brands and discover the Eagle difference!

**CHARACTERISTICS**

- 3 Roll Universal Benders w/ Dual Working Positions
- Lower Rolls Powered & Knurled for Optimal Traction
- Top Roll Idle, Adjustable Up/Dn for Bending Radius
- Operate Both in Horizontal & Vertical Positions
- Rugged Solid Steel Frames, NO CASTINGS
- All Shafts Rotate on Dual Bearings, NO BUSHINGS
- Top Journal Hardened Guides/Ways - ADJUSTABLE
- Heavy Duty Adjustable Lateral Guides w/ Bearings
- Compact, Robust, Low Maintenance Pyramid Design

**STANDARD EQUIPMENT**

- Universal Rolls, 18 pcs • Palm E-Stop • 24V Controls
- 3 Way Adjustable Lateral Material Guides
- Motor Overload Protection & Magnetic Cut-out

**OPTIONS / ACCESSORIES**

- Rolls for round tube/pipe, Cap Rail, Angles, Wide Flats
- Tight Diam. Rolls • Twist & Scroll Tools • Custom Tooling

**SPECIFICATIONS**

| Positioning | Hyd. / Man. |
| Repeat Ref. | LED Readout |
| Shaft Dia. | 157” |
| Roll Dia. | 6.38” |
| Speed | 14.5 fpm |
| Power | H 2.65/ M 1.75 |
| Dimensions | 32”x54”x57” |
| Weight | 950/890 lbs |

**2 VERSIONS** with Horizontal/Vertical Operation

- **ZH402** - Pedal Controls, LED Readout, Hydr. Adjust.
- **ZM402** - Pedal Controls, LED Readout, Man. Adjust.