



**EAGLE**  
BENDING MACHINES

**CP30**  
SERIES

AMERICA'S PREFERRED CHOICE



**CP30PR-2V**  
Shown Vertical

**CP30R-2V**  
Shown Horizontal

THE NAME BRAND THAT SETS THE STANDARDS



BENDING MACHINES



# EAGLE

BENDING MACHINES

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



Rolling Angle Leg-Out  
with optional Rolls



Rolling with Optional Tube Rolls  
Knurled / Smooth Available



Rolling Bar On Edge (Hard  
Way), with Standard Rolls



Rolling Small Rings with  
Optional Tight Diameter Rolls



Rolling Wide Thin Sheet Material  
with Optional Wide Flat Rolls



Coiling Tube with Optional  
Tube Rolls. CP30PR shown  
Working Horizontal



CP30M—Short shown  
with Optional Cap Rail Dies



Standard Guides have  
Adjustable Rake Angle



( All Models are Equipped with  
Palm Type Emergency Stops )

CP30R Convenient  
Extended Controls



CP30R shown with Optional  
Leg-In Angle Guides



CP30P-LE Vertical Machine





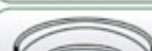


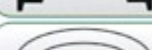


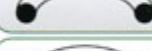
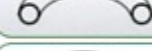




Large Bright LED  
Digital Readouts for  
Precision Repeat of  
Bend Roll Position



All CP Machines have  
Easy Ratchet Lateral  
Guide Adjustment

# CP30 SERIES STANDARD SPECS

MATERIAL SHAPE	MAXIMUM SIZE	MINIMUM ROLLING DIA	TOOLING NOTES
	2 x 3/8"	16"	STANDARD ROLLS
	3 x 5/8"	16"	STANDARD ROLLS
	1-1/8"	24"	STANDARD ROLLS
	1-1/2 x 3/16"	16"	OPTIONAL ROLLS *
	1-1/2 x 3/16"	22"	OPTIONAL TOOLING
	2"	16"	STANDARD ROLLS
	2"	20"	STANDARD ROLLS
	2" x 1"	12"	STANDARD ROLLS
	2" x 1"	16"	STANDARD ROLLS
	1-1/4"	24"	OPTIONAL ROLLS
	1-1/2" Sch 40 Pipe	20"	OPTIONAL ROLLS
	2-3/8 x 16GA	40"	OPTIONAL ROLLS
	1-1/2 x 11GA	40"	STANDARD ROLLS *
	2 x 1 x 11GA	48"	STANDARD ROLLS *

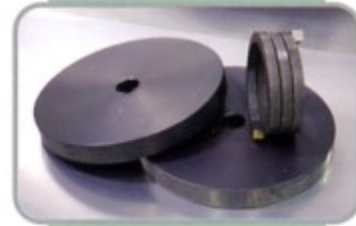
\* On some sections for limited quantities it may be possible to use standard rolls. For optimum results or if production runs are required, it is necessary to use optional rolls and or optional accessories.

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

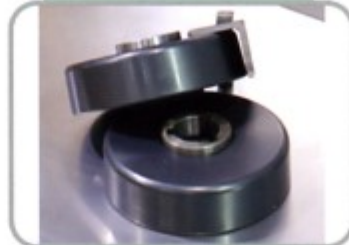
# OPTIONAL TOOLING



Wide Flat Rolls



Tight Diameter Rolls



Rolls for Angle Leg-In/Out Tapered Surface



Patented Quick Gap Adjust for Angle Thickness



Lateral Guides for Angle Leg-In with Cam Rollers & Anti-Torsion Braces



Special Rolls for Cap Rail Available in Steel & Polymer for Brass & Aluminum



Spiral Rail Tooling ATSC

## MORE OPTIONS AVAILABLE... INCLUDING IN-HOUSE CUSTOM MADE



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)



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www.eaglebendingmachines.com

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# ROLL WITH AN ORIGINAL - ROLL WITH EAGLE-BPR

Over 24,000 machines produced. Users worldwide roll with EAGLE-BPR Section Benders. Experience the Advantages! Ask about Plate Rolls, Large Angle Rolls, Ornamental Bar Workers & Other Fabricating Machinery as well. Machines, Tooling and Components IN STOCK !

## TECHNICAL SPECIFICATIONS

Shaft Diameters : 1-3/16" (30 mm)  
Roll Diameters : 5" Nominal (128 mm)  
Installed Power : 1.15 HP 220V-3-60Hz  
Installed Power : 1.50 HP 220V-1-60Hz  
Position Repeat : LED Digital Readout

Bend Adjustment : Mechanical  
Standard Voltage : 220V-3-60Hz  
Optional Voltage : 220V Single Phase  
Floor Space Req. : 26" x 26" approx.  
Ship Weight : 550 Lbs, approx.

## STANDARD FEATURES ALL UNITS

- LED Digital Readout; Large, High Brightness
- Floor Style, Three Roll Bending Machines
- 25% Heavier Main Frames in Solid Steel w/ limited lifetime warranty; will not fail
- High Strength Hardened Steel Shafts
- Dual, High Dynamic Load Bearings on shafts
- Lower Shafts Driven, Top Shaft Idle
- Universal Roll Set, Hardened, 24 pieces
- Lower Rolls Knurled, Top Roll Smooth
- Top Roll Journal on Adjustable Guides & Ways
- Lateral Material Guides w/ bearings, variable rake angle, tilt and thrust with recessed hex adjustment. This feature is not found on 'look-alike' machines
- Flush Faced Frame and Electrical Cabinet
- TEFC Electric Motors, CE Certified
- Drive Motor Thermal Overload Protection
- Fully Illustrated Instruction Manual
- Service Tool Kit

## OPTIONS / ACCESSORIES

- Tube & Pipe Rolls
- Wide Flat & Tight Diameter Rolls
- Rolls & Guides for Angle Iron In-Out
- Bar Twisting & Scroll Tooling
- Rolls for Molded CAP RAIL
- Rolls for Extrusions & Other Shapes



## 7 VERSIONS TO FIT YOUR NEEDS and BUDGET!

### CP30-PR2V & CP30-PRM

Foot Pedal Controls, left/right rotation, Hide-Away feature, Retractable Lead, Rotating Head, quick change over from horizontal to vertical operation

### CP30-R2V & CP30-RM

Controls on convenient arm, Rotating Head, quick change over from horizontal to vertical operation

### CP30P-LE & CP30PM-LE

Foot Pedal Controls, left/right rotation; Vertical Format Machine Frame

### CP30-MS

Short Base version for Easy Mounting on trailers and pick-up tail gates

## MODEL LEGEND

**M** 1 Speed, 220V Single Phase  
**2V** 2 Speed, 220V, Three Phase  
**P** Foot Pedal Rotation Control  
**R** Rotating Horizontal / Vertical  
**LE** Vertical Frame, 1 Speed



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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.