



# CP60-H

AMERICA'S PREFERRED CHOICE

BENDING MACHINES



THE NAME BRAND THAT SETS THE STANDARDS



BENDING MACHINES

# CP60H CAPACITY CHART

Based on Mild Steels

MATERIAL CROSS SECTION	MATERIAL DIMENSIONS	MIN I.D.	TOOLING NOTES
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3-1/2" x 5/8"

36"

STANDARD ROLLS



2" x 3/8"  
5" x 1"

12"  
24"

STANDARD ROLLS



2"

24"

STANDARD ROLLS



3-1/4" x 1-1/2" x 1/8"

40"

STANDARD ROLLS



3" x 3" x 1/8"

48"

STANDARD ROLLS \*



3" x 3" x 5/16"

28"

STANDARD ROLLS



3" x 3" x 5/16"

32"

STANDARD ROLLS



5" x 2"

22"

STANDARD ROLLS \*



5" x 2"

35"

STANDARD ROLLS \*



3-1/4" x 1-1/4"

48"

STANDARD ROLLS



4" x 2"

60"

STANDARD ROLLS \*



3" x 1-3/4"

120"

STANDARD ROLLS



4-3/4" x 1-1/2" x 1/8"

96"

STANDARD ROLLS \*



2"

25"

ROD ROLLS



4" x 15 GA Tube  
2-1/2" SCH 40 Pipe

72"  
36"

TUBE/PIPE ROLLS



3" x 1/4"

36"

SPECIAL TOOLING



2-1/2" x 5/16"

32"

SPECIAL TOOLING

## LEGEND

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



Convenient ratchet adjustment on guides



Complete Tooling sets available - Polymer Rolls - Leg-in angle guides...



New EPN8 Control Panel



Custom Tooling made in-house



CP 60H shown horizontal with optional tube rolls

## GENERAL INFORMATION

- Minimum diameter on some tube and angles limited by predicted material distortion
- Capacities based on one or more passes
- In all cases larger diameters can be rolled
- Small sections shown for comparison
- Some smaller sections may be rolled
- Full capacity is obtained *without* use of external tie rods often required on lower quality machines

Optional tube rolls



Optional rolls for leg-out angle



Tight diameter +  
Wide Flat Rolls  
also available



Standard rolls  
bending beam  
in hard way



Optional tooling for leg-in angle



Standard rolls bending flat bar hard way

# ROLL WITH AN ORIGINAL - ROLL WITH EAGLE!

With over 16,000 machines produced, satisfied users worldwide are rolling with original EAGLE BPR Universal Bending machines. Discover the advantages and ask for free information on our line of section benders, angle rolls, plate rolls and tube/pipe benders. CD's and VHS videos available.

## FEATURES

Two driven rolls bending machine  
Rugged frame in solid steel, base with tool storage  
High strength hardened steel shafts and gears  
Shafts and drive journaled in roller bearings  
Combination verticle/horizontal working position  
Universal Rolls, hardened against wear  
Lower rolls knurled for optimum traction  
Low voltage controls 24 VAC  
High brightness LED electronic digital display to monitor top roll position

Top roll moving on hardened adjustable gibbs  
Adjustable lateral guides with roller bearings  
Flush mount electrical cabinet, safety indicator lamps, motor thermal overload relays, NEMA type  
Hydraulic top roll adjustment, concealed oil lines  
Push button controls on mobile console with LED display, Automatic Position Repeat "APR" system with 40 position memory  
Foot pedals for left/right rotation  
Integral hydraulic power unit, NR valves and maximum pressure overload protection

## TECHNICAL SPECIFICATIONS

Shafts diameters	2-3/8" (60mm)	Position repeat	LED Readout + APR
Roll diameters	8-27/32" nominal	Bending adjustment	Hydraulic
Drive motor	3.4 HP at 220V/60Hz	Voltage standard	220V/3/60Hz
Pump motor	2.0 HP at 220V/60Hz	Dimensions	37" x 51" x 63" h
Powered rolls	Two lower rolls driven	Weight approx.	2,425 lbs
Cylinder thrust	19,6 Tons (18 metric)		

## STANDARD EQUIPMENT

Universal bending rolls, hardened, 18pcs.  
LED Readout 40 memory  
Adjustable lateral guides  
Motor overload protection, thermal reset  
Service tools  
Instruction and service manual



## OPTIONS/ACCESSORIES

Rolls for tube/pipe round & square  
Rolls for angle iron leg-in, leg-out  
Special lateral guides for angle leg-in  
Variable speed rotation on CP60H-REV  
Rolls for extrusions & special profiles  
Special voltages upon request



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Roll bending machines distributed by Eagle Bending Machines, Inc. are designed and manufactured to comply with ANSI B11.12, 1996 standards. 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.

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