

SECTION BENDERS

Custom Tooling Specialists
1000's of Tooling Items Stocked!



EAGLE BENDING MACHINES

BEND IT RIGHT!

Superior Precision thru
Innovative Engineering

CP-20
LED



CPS-20
LED • Auto Repeat

CP30-PR
1-1/2" Angle
1-1/2" Pipe



Rotating Head
For Horiz./Vert
Operation - LED

NEW
CP30E
Rotating Head &
Pedal Controls!



LEGENDARY
Economical Roll Bender

ALL Models 35 thru 100 Operate Both Horizontal/Vertical



LED
Z402H/M

VERTICAL
and HORIZONTAL



LED
2" Angle • 2" Pipe • 4" Flats • 2" Sq. Tube • Cap Rails

CP40-M
MANUAL



CP40-H
CP40-H2
HYDRAULIC

LED • Auto Repeat
2-1/2" Angle
2-1/2" Pipe



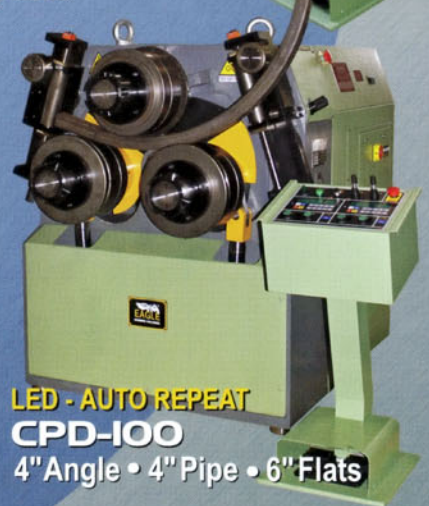
CP60-H
HYDRAULIC



BA35/50
Full CNC + Direct Radius
CPS 35/50 similar
w/out CNC controls



LED - AUTO REPEAT
CPD-80
3" Angle • 3" Pipe • 5" Flats



LED - AUTO REPEAT
CPD-100
4" Angle • 4" Pipe • 6" Flats



EAGLE
VALUE
LEASE
PROGRAM

25
YEARS
of Quality

P.O. Box 99, Stapleton, AL 36578 Tel. (251) 937-0947 • Fax (251) 937-4742
www.eaglebendingmachines.com for More Information!

EAGLE BENDING MACHINES MAXIMIZES YOUR ROLLING INVESTMENT

26,000 Machines produced, units ready from stock, largest off shelf tooling supply in USA!

Premium Features Available on EAGLE/BPR Universal Roll Bending Machines

LARGE LED's Digital Displays for precision repeatability • VERSATILITY New modular hardened rolls bend more shapes, vertical & horizontal operation DURABILITY Strongest frames, no castings, hardened shafts on self aligning roller bearings • PRODUCTIVITY Push button controls, mobile consoles, multi-position Auto Repeat Systems • SAFETY & ERGONOMICS Lower working heights, wider frames, multiple E-Stops, 24VAC controls, isolating foot pads eliminate vibration Optional Equipment and Versions: Rolls for round tube/pipe/rod, special profiles & serial production, Cam Guides for angle leg-in, Variable speed drives, Auto Cycle & NC Controls, Bar Twisters, Scroll tools & more!

EAGLE/BPR ROLL BENDING MACHINE SPECIFICATIONS

| MATERIAL | CP20 | CP5-20 BA-20 | CP30 CP30E | Z402 M-H | CP5-35 BA35 | CP40 M-H2-H | CP5-50 BA-50 | CP60-H | CPD-80 | CPD-100 |
|----------------|-----------------|-----------------|-----------------|---------------------|-----------------|---------------------|---------------------|------------------|------------------|-------------------|
| Flats, Hard | 1x1/4 Ø8" | 1x1/4 Ø8" | 2x3/8 Ø16" | 2-1/4x3/8 Ø24" | 2x3/8 Ø14" | 2-1/4x3/8 Ø20" | 2-3/4x1/2 Ø20" | 3-1/4x5/8 Ø32" | 3-1/2x5/8 Ø32" | 4 x3/4 Ø32" |
| Flats, Easy | 1-3/4x3/8 Ø12" | 1-3/4x3/8 Ø10" | 3x5/8 Ø16" | 4x5/8 Ø16" | 3-1/2x5/8 Ø16" | 4x5/8 Ø16" | 4x5/8 Ø14" | 4-3/4x7/8 Ø26" | 5x1 Ø26" | 6 x1-1/4 Ø32" |
| Square Bar | 1/2 Ø6" | 1/2 Ø5" | 1-1/8 Ø24" | 1-3/8 Ø24" | 1-1/4 Ø16" | 1-3/8 Ø20" | 1-1/2 Ø24" | 1-3/4 Ø30" | 2 Ø32" | 2-1/4 Ø32" |
| Angle, Leg-Out | 3/4x1/8 Ø8" | 3/4x3/16 Ø8" | 1-1/2x3/16 Ø16" | 2 x 3/16 Ø24" | 1-1/2x1/4 Ø16" | 2x1/4 Ø24" | 2-1/4x1/4 Ø30" | 3x Ø36" | 3x3/8 Ø40" | 4 x1/2 Ø48" |
| Angle, Leg-In | 3/4x1/8 Ø10" | 3/4x3/16 Ø10" | 1-1/2x3/16 Ø22" | 2 x 3/16 Ø28" | 1-1/2x1/4 Ø22" | 2x1/4 Ø28" | 2-1/4x1/4 Ø38" | 2-1/2x5/16 Ø34" | 3x5/16 Ø40" | 3-1/2 x3/8 Ø42" |
| Tee, Leg-out | 1 Ø8" | 1 Ø5" | 2 Ø16" | 2-1/4 Ø30" | 2 Ø14" | 2-1/2 Ø24" | 2-1/2 Ø20" | 3x5/16 Ø32" | 3x3/8 Ø32" | 4 x7/16 Ø48" |
| Tee, Leg-In | 1 Ø10" | 1 Ø6" | 2 Ø20" | 2-1/4 Ø30" | 2 Ø16" | 2 Ø24" | 2-1/2 Ø20" | 3x5/16 Ø40" | 3x3/8 Ø36" | 4 x7/16 Ø60" |
| C, Leg-Out | 1-1/4 Ø10" | 1-1/4 Ø8" | 2 Ø12" | 3 Ø24" | 2-1/2 Ø18" | 3 Ø24" | 3-3/4 Ø26" | 4-1/2x2 Ø32" | 5x2 Ø40" | 6 Ø40" |
| C, Leg-In | 1-1/4 Ø12" | 1-1/4 Ø10" | 2 Ø16" | 3 Ø30" | 2-1/2 Ø20" | 3 Ø30" | 3-3/4 Ø30" | 4-1/2x2 Ø36" | 5x2 Ø40" | 6 Ø40" |
| Round Bar | 1/2 Ø5" | 1/2 Ø4" | 1-1/4 Ø24" | 1-3/8 Ø24" | 1-1/4 Ø16" | 1-3/8 Ø20" | 1-1/2 Ø24" | 2 Ø28" | 2 Ø24" | 2-1/4 Ø36" |
| Pipe - Sch. 40 | 1/2 Ø14" | 1/2 Ø12" | 1-1/2 Ø20" | 1-1/2 Ø24" | 1-1/2 Ø20" | 2 Ø40" | 2 Ø36" | 2-1/2 Ø36" | 3 Ø48" | 4 Ø72" |
| Round Tube | 1 Ø16" | 1 Ø16" | 2-3/8x1/16 Ø40" | 2-1/2x1/16 Ø24" | 2-1/2x1/16 Ø30" | 2-3/4 x14Ga Ø60" | 2-1/2x10Ga Ø34" | 4x15ga Ø72" | 4x12ga Ø50" | 5 x12 GA Ø96" |
| Square Tube | 3/4x1/16 Ø12" | 3/4x1/16 Ø12" | 1-1/2x1/8 Ø40" | 2x12Ga Ø56" | 1-1/2x1/8 Ø40" | 2x11Ga Ø48" | 2-1/4x1/8 Ø50" | 2-1/2 x11ga Ø48" | 2-1/2 x5/32 Ø80" | 3-1/2 x0.150 Ø72" |
| Rect. Tube | 1-1/4x3/8x1/16" | 1-1/4x3/8x1/16" | 2x1x0.120" | 2-1/4x1-1/4 x0.120" | 2x1-1/4x0.120" | 2-1/4x1-1/2 x0.120" | 2-3/4x1-1/2 x0.120" | 3x1-1/4 x0.120" | 3x1-1/2 x0.120" | 4 x2-1/4 x5/32" |

Machine Version Key: H = Hydraulic Roll Adj. • M = Manual Roll Adj. • R = Horizontal/Vertical Operation • P = Foot Controls • 2V = Dual Speed • REV = Variable Speed • H2 = Two Driven Rolls • BA = Full CNC

| Bending Adjustment | M | H | M | H-M | H | H-M | H | H | H | Dbl. Pinch Hyd. | Dbl. Pinch Hyd. |
|-----------------------|----------------|-----------------|---------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Driven rolls | 2 | 3 | 2 | 2 | 3 | H=3 | H2/M=2 | 3 | 2 | 3 Hyd. Drive | 3 Hyd. Drive |
| Rolling speed fpm | 10 | 10 | 10.5 | 15 | 13 | 15 | 15 | 16 | 15 | 16 | 0-18 |
| Working plane | Vertical | Vertical | Vert - Vert / Horiz | Vert / Horiz | Vert / Horiz | Vert / Horiz | Vert / Horiz | Vert / Horiz | Vert / Horiz | Vert / Horiz | Vert / Horiz |
| Repeat control | LED Readout | Auto-Repeat-LED | LED Readout | LED Readout | Auto-Repeat-LED | Auto-Repeat-LED | Auto-Repeat-LED | Auto-Repeat-LED | Auto-Repeat-LED | Auto-Repeat-LED | Auto-Repeat-LED |
| Installed power HP | 0.44 | 0.75 | 1.25 | 2.25 | 2.25 | 3.8 | 4.75 | 6.2 | 6.2 | 6 | 7.5 |
| Approx. dimensions | 13 x 24 x 17 h | 13 x 24 x 45 h | 27 x 22 x 48 h | 28 x 40 x 50 h | 27 x 32 x 40 h | 28 x 40 x 54 h | 33 x 44 x 49 h | 38 x 51 x 63 h | 37 x 51 x 50 h | 44 x 65 x 55 h | |
| Approx. Ship wt. lbs. | 240 | 400 | 550 | 870 | 1100 | 1450 | 1650 | 2850 | 4000 | 6300 | |

Chart indicates minimum suggested inside bending diameters at maximum section size using mild steel. - 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



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The Name that sets the Standards.
Accept No Imitations!

