



The Name Brand that Sets the Standards

BA SERIES



BA50

FEATURES

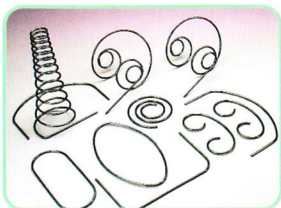
- (Full PC/Windows Based CNC Controls)
 - Exclusive BPR Direct Radius "PRO-Bending" Program
 - Direct Radius Input & On-Board CAD Graphics allow the operator to visualize and edit shapes on screen
 - Accepts Auto-CAD DXF file downloads
 - Automatic Interpolation-Blending between bends speeds up and simplifies 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



BA20

BA CAPACITIES

Based on Mild Steels

SHAPE	20 Maximum Size	30 Minimum I.D.	50 Minimum I.D.
	1 x 1/4 Ø 8"	2 x 3/8 Ø 14"	2-3/4 x 1/2 Ø 20"*
	1-3/4 x 3/8 Ø 12"	3-1/2 x 5/8 Ø 16"	4x5/8 Ø 14"*
	1-1/8 Ø 5"	1-1/4 Ø 16"	1-1/2 Ø 24"
	3/4 x 3/16 Ø 8"	1-1/2 x 1/4 Ø 16"	2-1/4x1/4 Ø 30"*
	3/4 x 3/16 Ø 10"	1-1/2 x 1/4 Ø 22"	2-1/4x1/4 Ø 38"
	1 Ø 6"	2 Ø 14"	2-1/2 Ø 20"
	1 Ø 6"	2 Ø 16"	2-1/2 Ø 20"
	1-1/4 Ø 8"	2-1/2 Ø 18"	3-3/4 Ø 26"*
	1-1/4 Ø 10"	2-1/2 Ø 20"	3-3/4 Ø 30"*
	1/2 Ø 4"	1-1/4 Ø 16"	1-1/2 Ø 24"
	1/2 Ø 12"	1-1/2 Ø 20"	2 Ø 36"
	1-1/4 x 1/16 Ø 16"	2-1/2x1/16 Ø 30"	2-1/2x10ga. Ø 34"
	3/4 x 1/16 Ø 12"	1-1/2x1/8 Ø 40"	2-1/4x1/8 Ø 50"*
	1-1/4 x 3/8 x 1/16	2x 1-1/4 x 1/8	2-3/4x1-1/2x1/8"*

* 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
Working Plane	Vertical	Vert./Horiz.	Vert./Horiz.
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/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



BA35

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.