



The Name Brand that Sets the Standards

# BA SERIES CNC



BA55

## FEATURES

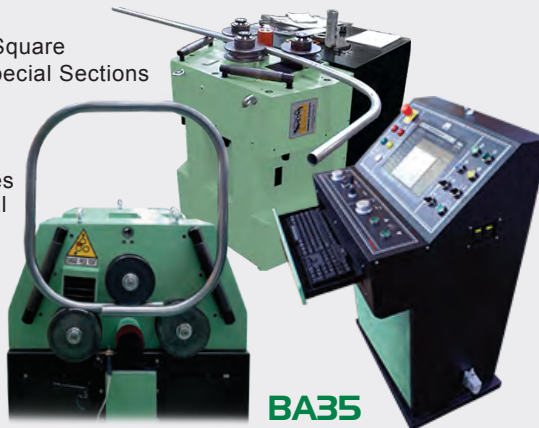
- (Full PC/Windows Based CNC Controls)
- Exclusive BPR Direct Radius "PRO-Bending" Program
- Direct Radius Input & On-Board CAD Graphics allow the operator to visualize and edit shapes on screen
- Automatic Interpolation-Blending between bends speeds up and simplifies programming
- Standard Shape program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



BA35

## BA CAPACITIES

Based on Mild Steels  
Maximum Size & Minimum I.D.

SHAPE	20	35	40	50	55
	1x 1/4 08"	2x 3/8 014"	2 1/4 x 3/8 020"	2 3/4 x 1/2 020"	2 3/4 x 5/8 032"
	1 3/4 x 3/8 012"	3 1/2 x 5/8 016"	4 x 5/8 016"	4 x 5/8 014"	4 x 5/8 016"
	1/2 05"	1 1/4 016"	1-3/8 020"	1 1/2 024"	1 3/4 024"
	3/4 x 3/16 08"	1 1/2 x 1/4 016"	2 x 1/4 024"	2 1/4 x 1/4 030"	2 1/4 x 1/4 030"
	3/4 x 3/16 010"	1 1/2 x 1/4 022"	2 x 1/4 028"	2 1/4 x 1/4 038"	2 1/4 x 1/4 038"
	1 06"	2 014"	2 1/2 024"	2 1/2 020"	2 1/2 020"
	1 06"	2 016"	2 024"	2 1/2 020"	2 1/2 020"
	1 1/4 08"	2 1/2 018"	3 024"	3 3/4 026"	3 3/4 026"
	1 1/4 010"	2 1/2 020"	3 024"	3 3/4 030"	3 3/4 030"
	1/2 04"	1 1/4 016"	1-3/8 020"	1 1/2 024"	1 1/2 024"
	1/2 012"	1 1/2 020"	2 040"	2 036"	2 036"
	1 1/4 x 1/16 016"	2 1/2 x 1/16 030"	2 3/4 x 16GA 048"	2 1/2 x 10ga 034"	3 x 10ga 048"
	3/4 x 1/16 012"	1 1/2 x 1/8 040"	2 x 11GA 048"	2 1/4 x 1/8 050"	2 1/4 x 11Ga 048"
	1 1/4 x 3/8 x 1/16"	2 x 1 1/4 x 1/8"	2 1/4 x 11 GA 048"	2 3/4 x 1 1/2 x 1/8"	2 3/4 x 9Ga 060"

\* BA20, BA35, & BA50 Require Dedicated Rolls and standard tooling is not provided.  
BA40 & BA55 Require Dedicated Rolls for high volume work. Standard rolls are included.

Driven Rolls	3	3	3	3	3
Rolling Speed fpm	0-20	0-25	0-30	0-30	0-30
Working Plane	Vertical	Vert./Horiz.	Vert./Horiz.	Vert./Horiz.	Vert./Horiz.
Repeat Control	Auto-Repeat	Auto-Repeat	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

## BA20



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.