



Z-SERIES

AMERICA'S PREFERRED CHOICE

ZM402



ZH402



VERTICAL & HORIZONTAL OPERATION!

Z302



WIDE FLATS

TIGHT RING ROLLS

PICKET TWISTING

CAP RAIL ROLLS

SCROLL TOOLING

THE NAME BRAND THAT SETS THE STANDARDS



BENDING MACHINES

Z SERIES Machines 1-1/2" & 2"

AFFORDABLE POWERFUL VERSATILE

CAPACITIES Z302 Z402 Based on Mild Steels

MATERIAL SHAPE	MAXIMUM SIZE MINIMUM ID	MAXIMUM SIZE MINIMUM ID	TOOLING NOTES
	2" x 3/8" Ø16"	2-1/4" x 3/8" Ø24"	STANDARD ROLLS
	3" x 5/8" Ø16"	4" x 9/16" Ø16"	STANDARD ROLLS
	1" Ø24"	1-3/8" Ø26"	STANDARD ROLLS
	1-1/2" x 12GA Ø32"	2" x 2" x 11GA Ø60"	STANDARD* ROLLS
	2" x 1" x 12GA Ø40"	2-1/4" x 1-1/2" x 11GA Ø60"	STANDARD* ROLLS
	2" x 3/16" Ø16"	2" x 1/4" Ø28"	STANDARD ROLLS
	2" x 3/16" Ø20"	2" x 1/4" Ø28"	STANDARD ROLLS
	2" x 1" Ø16"	3" x 1-1/4" Ø30"	STANDARD ROLLS
	2" x 1" Ø16"	3" x 1-1/4" Ø30"	STANDARD ROLLS
	1-1/8" Ø24"	1-3/8" Ø24"	OPTIONAL ROLLS *
	1-1/2" Sch 40 Pipe Ø36"	2" Sch 10 Pipe Ø60"	TUBE/PIPE ROLLS
	2-3/8" x 16GA Tube Ø36"	2-1/2" x 16GA Ø40"	TUBE/PIPE ROLLS
	1-1/2" x 3/16" Ø24"	2" x 2" x 3/16" Ø28"	SPECIAL ROLLS *
	1-1/2" x 3/16" Ø28"	2" x 2" x 3/16" Ø32"	OPTIONAL TOOLING

* 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 and multiple passes.



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4 VERSIONS w/ Horizontal/Vertical Operation

Z 302 PR - Pedal Controls, Rotating head, Manual Adjust.
Z 302 R - Hand Switch Controls, Rotating Head, Manual Adjust.
ZH402 - Pedal Controls, LED Readout, Hydr. Adjust.
ZM402 - Pedal Controls, LED Readout, Man. Adjust.

CHARACTERISTICS

- 3 Roll Universal Benders w/ Dual Working Positions
- Lower Rolls Powered & Knurled for Optimal Traction
- Top Roll Idle, Adjustable Up/Dn for Bending Radius
- Operate Both in Horizontal & Vertical Positions
- Rugged Solid Steel Frames, NO CASTINGS
- All Shafts Rotate on Dual Bearings, NO BUSHINGS
- Top Journal Hardened Guides/Ways - ADJUSTABLE
- Heavy Duty Adjustable Lateral Guides w/ Bearings
- Compact, Robust, Low Maintenance Pyramid Design

TECHNICAL SPECIFICATIONS

Z302		ZH/ZM402	
Positioning	Manual	Positioning	Hyd. / Man.
Repeat Ref.	Scales	Repeat Ref.	LED Readout
Shaft Dia.	1.18"	Shaft Dia.	1.57"
Roll Dia.	5.11"	Roll Dia.	6.38"
Speed	10.5 fpm	Speed	14.5 fpm
Power	1 / 1.5hp	Power	2.25 / 1.5 hp
Dimensions	30"x27"x48"	Dimensions	32"x54"x57"
Weight	490 lbs	Weight	950/890 lbs

STANDARD EQUIPMENT

- Universal Rolls, 18 pcs • Palm E-Stop • 24V Controls
- 3 Way Adjustable Lateral Material Guides
- Motor Overload Protection & Magnetic Cut-out

OPTIONS / ACCESSORIES

- Rolls for round tube/pipe, Cap Rail, Angles, Wide Flats
- Tight Diam. Rolls • Twist & Scroll Tools • Custom Tooling



Coiling with Tube Rolls



In-House Stock of Popular Tooling Ready to Ship!



Custom Tooling Made In-House for Fast Turn-Around Time!

MORE OPTIONS AVAILABLE... PLUS EXCELLENT SERVICE!

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.

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