



UNIVERSAL ROLL BENDING MACHINES

FABRICATING MACHINERY



G50HV

G80HVP



POWERFULL! **GALILEO SERIES**

*PYRAMID DESIGN WITH
HEAVY WELDMENT FRAMES
NO CASTINGS
THREE DRIVEN ROLLS!*



G Series work in Horizontal & Vertical mode

Roll with a Proven Leader!

CARELL CORPORATION

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UNIVERSAL ROLL BENDERS G50HV & G80HVP



OPTIONAL BRAKE PRESS DEVICE



OPTIONAL BAR TWISTING DEVICE



OPTIONAL SCROLL DEVICE



Tooling Ready to Ship!



Our Rugged Hydraulic Pyramid Style Universal Roll Benders Feature Three Driven Shafts, LED Readouts, Push Button Controls, Ease of Operation and Quick Set-up Universal Tooling and Combination Horizontal/Vertical Operation.

STANDARD FEATURES

- LED Readout for Precise Positioning (G50)
- Programmable Positioner w/LED (G80)
- Heavy Welded Steel Frame, Stress Relieved, CNC Machined (No Castings!)
- Universal 9 Piece Roll Set, Telescoping Smooth Surfaced, Induction Hardened for Rolling Most All Standard Shapes
- Mill Scale Safety Guard on Top Roll
- Dual Roller Bearings on All Shafts
- Push Button Controls, Emergency Palm Stop, 24VAC Controls
- Cylinder & Oil Lines All Concealed
- Flush Mounted Electrical Cabinet
- Heavy Duty Lateral Material Guides

OPTIONAL EQUIPMENT

Tube / Pipe Rolls - Cap Rail Rolls
Custom Rolls - Ornamental Devices

TECHNICAL SPECIFICATIONS

	G50HV	G80HVP
Rolling Speed	17.5 fpm	19 fpm
Rolls diameter	6.90"	9.72"
Shafts diameter	1.97"	3.3"/2.9"
Power	3.5HP	12HP
Dimensions	45"x32"x49"	57"x42"x60"
Ship Weight	1,225 lbs.	4,440 lbs.

Chart indicates min. suggested inside rolling diameter at max. section size using mild steel in one or more passes. Specifications subject to change or modification without prior notice. Data is approximate. Special rolls and/or tooling may be required for some profiles and for serial production. Bending I.D.'s may be limited by predicted material distortion.

UNIVERSAL ROLL BENDERS G50HVP

SECTION TYPE	MAXIMUM SECTION SIZE	MIN I.D. SUGGESTED
	4-1/2" x 3/4"	34"
	4-1/2" x 3/4"	32"
	1-1/2"	36"
	1-1/2"	32"
	2-1-2" x 1/4"	30"
	2-1-4" x 1/4"	40"
	2-3/8" x .120"	60"
	3" x 2" x .109"	60"
	3" x .095"	70"
	2" x Scd. 40	24"
	2-3/8" x 2-3/8" x 1/4"	28"-32"
	3" x 1-1/2"	22"

UNIVERSAL ROLL BENDERS G80HVP

SECTION TYPE	MAXIMUM SECTION SIZE	MIN I.D. SUGGESTED
	4" x 3/4"	50"
	6" x 1"	42"
	2-1/4"	36"
	2-1/2"	36"
	3" x 3/8"	48"
	3" x 3/8"	80"
	3-1/2" x .150"	48"
	4" x 2" x .140"	96"
	4" x .120"	96"
	3" x Scd. 40	60"
	3" x 5/16"	48"
	5" x 2"	48"-60"