



The Name Brand that Sets the Standards

CPD SERIES

EAGLE CPD Series Benders are HEAVYWEIGHT, High Capacity Double Pinch Hydraulic Universal Section and Angle Rolls with Premium Features. Both our CPD100 and CPD80 are standard with efficient hydraulic powered rotation, 3 Driven Rolls, Programmable Dual LED Readouts, fully Universal Modular Telescoping Tooling, 6 Way Lateral Guides, Horizontal/Vertical Operation and a host of other beneficial features.

FEATURES

We achieve the highest level of versatility by coupling the double pinch design with longer travel on the lower rolls. This permits optimum pre-bending while offering a wider maximum roll opening for larger material cross sections. Longer, Larger Shafts and large roll diameters further increase the machines profile range. No other machine compares.

CPD Main Frames are made from solid heavy steel plate, fabricated into Single Piece Weldments, which are then Stress Relieved and CNC Machined. This design Eliminates Frame Torque and evenly distributes bending stress for maximum machine life. We use No Castings in our machine frames.

Alloy Steel Hardened & Ground Shafts are journaled in Multiple Race Dual Tapered Roller Bearings for low maintenance and efficiency. Universal Modular Telescoping Tooling arranges rapidly and easily on the roll shafts to bend most all standard profile cross sections. All 3 shafts are driven for maximum traction. Tooling components are smooth surfaced, non-marring and Induction Hardened to 55 HRC for durability.

Heavy Duty Lateral Material Guides are adjustable in all 3 planes and are used to guide, induce pitch for coils or prevent inherent twist of some materials when rolling. Cam rollers are supplied for rolling angle leg-in.

Both lower bending roll positions are monitored by large, high brightness LED Digital Displays. Lower rolls can be positioned automatically using our MPR-80 Auto Position Repeat Controls with 40 position memory. Controls are Large Format Type, easy to use and protected by moisture and dustproof industrial polycarbonate overlays.

Additional Unmatched Benefits include Dual Foot Pedal Controls for left/right – forward/reverse rolling with steel protective covers, flexible 'Anti-Pinch' mill Scale Covers, Concealed Oil Lines on lower bending roll cylinders, Dual Emergency Stop Buttons (1 on machine + 1 on console), Safe 24VAC Control Voltage, completely Flush Mounted Electrical Panels are safe out of harms way, Easy Access Panels to reach hydraulics and internal parts, Safety Limit Switches on top machine cover, Mobile Control Consoles to allows safe operator distance from the work-piece and SAE/DIN Modular Hydraulics with Overload Protection. We use Top Name OEM Components that are nonproprietary and available worldwide

CPD-80 - CPD-100 CAPACITIES

SHAPE	CPD80 MAX SIZE MIN ID	CPD100 MAX SIZE MIN ID	NOTES
	4"x9/16" Ø 32"	4"x3/4" Ø32"	STANDARD ROLLS
	5"x1" Ø26"	6"x1-1/4" Ø32"	STANDARD ROLLS
	2" Ø32"	2-1/4" Ø32"	STANDARD ROLLS
	3"x3/8" Ø40"	4"x1/2" Ø48"	SPECIAL TOOLING
	3"x5/16" Ø40"	3-1/2"x3/8" Ø42"	OPTIONAL TOOLING
	3"x3/8" Ø32"	4"x7/16" Ø48"	SPECIAL TOOLING
	3"x3/8" Ø36"	4"x7/16" Ø60"	STANDARD ROLLS
	5"x2" Ø40"	6" Ø40"	*STANDARD ROLLS
	5"x2" Ø40"	6" Ø40"	*STANDARD ROLLS
	2" Ø24"	2-1/4" Ø36"	ROD ROLLS
	3" Ø48"	4" Ø72"	TUBE/PIPE ROLLS
	4"x12ga. Ø50"	5"x12 GA Ø96"	OPTIONAL ROLLS
	2-1/2" x5/32" Ø80"	3-1/2"x0.150" Ø72"	*STANDARD ROLLS
	3"x1-1/2" x 0.120"	4"x2-1/4" x 5/32"	STANDARD ROLLS

*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.



Hydraulic Adjustment on Lateral Guides and LED on the Axial Thrust are optional



SPECS

	80	100
Repeat	Auto	Auto
Shaft OD	3.14"	4"
Roll OD	10.23"	12.6"
Power HP	6.5	7.5
Speed Fpm	16	0-18
Weight lbs	4,000	6,300

