Simply the Best Benders

EAGLE BENDING MACHINES

CPS SERIES
Universal Section Roll

CPS-50

CPS-35

CPS CAPACITIES Based on Mild Steels

Maximum Size & Minimum I.D.

SHAPE	20	35	50	
	1 x ¼ Ø8"	2 x 3/8 Ø14"	2¾ x ½ Ø20"	*
	1¾ x 3/8 Ø12"	3½ x 5/8 Ø16"	4 x 5/8 Ø14"	*
	½ Ø5"	1¼ Ø16"	1½ Ø24"	
	¾ x 3/16 Ø8"	1½ x ¼ Ø16"	2¼ x ¼ Ø30"	*
	¾ x 3/16 Ø10"	1½ x ¼ Ø22"	2¼ x ¼ Ø38"	
	1 Ø6"	2 Ø14"	2½ Ø20"	
	1 Ø6"	2 Ø16"	2½ Ø20"	
	1¼ Ø8"	2½ Ø18"	3¾ Ø26"	*
	1¼ Ø10"	2½ Ø20"	3¾ Ø30"	*
	½ Ø4"	1¼ Ø16"	1½ Ø24"	
	½ Ø12"	1½ Ø20"	2 Ø36"	
	1¼ x 1/16 Ø16"	2½ x 1/16 Ø30"	2½ x 10GA Ø34"	
	¾ x 1/16 Ø12"	1½ x1/8 Ø40"	2¼ x 1/8 Ø50"	*
	1¼ x 3/8 x 1/16	2 x 1¼ x 1/8	2¾ x 1½ x 1/8	*

* 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 - Contactyour 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 ID's may be limited by predicted material distortion

FEATURES

- Three Driven Rolls Universal Profile Bender Initial Pinch Geometry for Serial Production
- Hydraulic Up / Down Movement on Forming Roll
- High Strength Hardened Shafts w/Roller Bearings
- Universal Bending Rolls, Smooth, Induction Hardened
- Horizontal & Vertical Working Position (BNCPS 35&)
- Push Button Controls, Detached Console
- Dual Pedal Controlled Rotation
- Dual E-Stop Buttons
- DP7 Programmable Controls, Digital Radius Readout Capability, 400 Memory Automatic Position Repeat "APR" System
- LED Readout, Large High Brightness, 24VAC Controls
- Flush Mount Switch Gear Panel with Safety Lamps
- Bending Roll Moving on Adjustable, Hardened Gibbs
- Adjustable Lateral Material Guide
- Service Tools and Illustrated Manual

VERSIONS 20 - 35 - 50

CPS (Standard)
Models 20, 35 & 50 with Single Rolling Speed and all Features as listed to the left

CPS-REV (Variable Rolling Speed)
CPS Version + Step-less variable speed, digital Inverter and potentiometer for precision bending aluminum extrusions and extreme tight diameters

CPS-AUT (Automatic Bend Execution)
REV Version + Programmable Control and Proximity Sensors to execute a bend in a production environment

CPS-20 H/V