

**CE120H3\***

**CE60H3\*\***



## FEATURES

- Bending speeds 10% faster than competitive machines
- Forged roll shafts precision ground and fitted for maximum performance and minimal deflection
- Heavy duty structure and rigid components for high section modulus ratings
- Reinforced engineered mainframe design proven to outperform competitive models
- Patented by Ercolina® simultaneous downfeed and roll movement minimizes deformation
- Programmable touchpad controls with digital center roll positioning display
- Universal tooling set included with each machine
- Memory storage with eight (8) individual programs and unlimited passes
- Remote control pendant with low voltage controls and foot pedal switch
- Threaded roll shafts with micrometric flange adjustment helps eliminate spacer usage
- Inline direct drive roll shaft system
- Three axis hydraulic anti-twist system for angle iron "Leg In" applications (manual on CE60)

## TECHNICAL DATA

Description	CE120H3-RLI
Roll Shaft Diameter	100 mm
Standard Roll Diameter	310 mm
Standard Shaft Length	220 mm
Max Center Roll Stroke	300 mm
Roll Shaft Speed	6 rpm
Independent Drive Rolls	3 Smooth
Voltage*	380 / 220 / 440 - 480 V
Drive Motors	1.85 kW x 3
Hydraulic Motor Power	2 kW
Machine Mainframe	Steel
Piston Force	36 t
Machine Operating Position	Horizontal / Vertical
Center Roll Positioning	Hydraulic
Side Pressure Rolls	Hydraulic
Display	Digital Programmable
Machine Body Construction	Welded Steel
Number of Programs	8
Electric Foot Pedal Control	Yes
Noise Level (machine operating)	< 70 dB
Dimensions (w x h x l)	1800 x 2200 x 1700 mm
Weight	2800 Kg

## TECHNICAL DATA

Description	CE60H3
Roll Shaft Diameter	50 mm
Standard Roll Diameter	178 mm
Max Center Roll Stroke	142 mm
Roll Shaft Speed	9 rpm
Independent Drive Rolls	3 Smooth
Voltage*	380 / 220 / 440 - 480 V
Drive Motors	1.85 kW
Hydraulic Motor Power	2 kW
Machine Mainframe	Cast Iron GS500
Piston Force	10 t
Machine Operating Position	Horizontal / Vertical
Center Roll Positioning	Hydraulic
Side Pressure Rolls	Manual
Display	Digital Programmable
Machine Body Construction	Welded Steel
Number of Programs	8
Electric Foot Pedal Control	Yes
Noise Level (machine operating)	< 60 dB
Dimensions (w x h x l)	650 x 1300 x 1200 mm
Weight	450 Kg

\* Use the tooling of CE100

\*\* Use tooling of CE50





RING ROLLER BENDING MACHINE

CE120				
Rif.	Profile	Dimensions	Rmin (mm)	Tooling (type)
1		168,3X6,3 (6"x6,3)	5000	RT + TI
		170X7	5000	RT + TI
2		120X8	3000	SR + TI
3		160X80X7	3000	SR + TI
4		220X70X10	2500	SR + TI
5		120x60x3	1000	SR + TI
6		120x60x3	1500	SR + TI
7		100	1500	RT + TI
8		85	1500	SR + TI
9		100	1500	SR + TI
10		190X20 120X40	2800 600	SR + TI
11		220X50	2500	SE
12		100X100X15	600	RS + TI
13		100X100X15	800	RS + RA
14		120X100X15	600	RS + TI
15		120X100X15	600	RS + SR + TI
16		UPN260X90	600	SR + TI
17		UPN260X90	600	SR + TI
18		IPE180 HEA140	3000 3200	4R + SR + TI
19		IPN-IPE240	600	SR + TI
20		HEA160 HEB120	1200	SR + TI
21		UPN180	2800	5R + SR

CE60				
Rif.	Profilo	Dimensioni	Rmin (mm)	Attrezzature (tipo)
1		88,9X4	600	RT + TI
		90X4	600	RT + TI
2		60X6	1000	RT + TI
3		80X30X6,3 100X40X4	1200	RT + TI
4		100X40X7	1000	SR + TI
5		60X15X2,5	1100	SR + TI
6		120X60X3	1200	SR + TI
7		60	1100	RT + TI
8		50	1000	SR + TI
9		55	1100	SR + TI
10		80X20	1000	RS+ TI
11		80X40 110X30	1200	RT + TI
12		60X60X10 60X80X12	1000	RS+SR + TI
13		60X60X10 60X80X12	1000	RS+SR + RA + TI
14		80X80X11	1000	RS+SR + TI
15		80X80X11	1000	RS + SR + TI
16		UPN100	1000	RS + SR + TI
17		UPN100	1000	RS + SR + TI
18		INP100 IPE100	800	RS + TI

**LEGEND: ROLLS & ACCESSORIES**

RS = Standard Roll Set (supplied with machine)

RT = Roll Set for Tubes and Bars

SR = Special Roll Set

TI = Tie Bar

RA = Anti-twist Device (angle iron "leg in")

4R = Fourth Roll Accessory - 5R = Fifth Roll Accessory

**Notes:**

Above listed radii refer to standard rolls.

For smaller radii, special rolls are required.

When ordering, specify type and UNI of material.