



Pyramidal Ring Roller Ø 50 mm Shaft

MODELS

Art.	Phase	Center Roll Positioning	Drive Rolls
CE50H3	Three	Hydraulic	3
CE50H2	Three	Hydraulic	2
CE50MR3	Three	Manual	3

MAXIMUM CAPACITY

Capacities based on materials with T.S. 42 Kg/mm² (psi 60.000) - Y.P. 25 Kg/mm² (psi 36.000) and rolled with more passes

Section	Dimensions, mm	Min Radius, mm
○ Gas Tube	2"1/2 x 3.6	400
○	80 x 2	800
□	60 x 60 x 3	600
▭	100 x 40 x 4	1300
●	40	250
■	40 x 40	350
▬	60 x 10	300
└	25 x 25 x 3 50 x 50 x 6 60 x 60 x 6	150 300 350
┌	80 x 80 x 6	400
□	100 x 45 x 6	350

For other profiles, see MAXIMUM CAPACITY table on page 10.
For dimensions in inches, see conversion table on page 97.

TECHNICAL DATA

Description	CE50H3	CE50H2	CE50MR3
Roll Shaft Diameter	50 mm	50 mm	50 mm
Standard Roll Diameter	178 mm	178 mm	178 mm
Max Center Roll Stroke	142 mm	142 mm	134 mm
Roll Shaft Speed	9 rpm	9 rpm	9 rpm
Independent Drive Rolls	3 Smooth	2 Knurled	3 Smooth
Voltage*	220 / 240 - 380 / 440 V	220 / 240 - 380 / 440 V	220 / 240 - 380 / 440 V
Motor	1.85 kW	1.85 kW	1.85 kW
Hydraulic Motor Power	1.50 kW	1.50 kW	No
Machine Mainframe	Cast Iron	Cast Iron	Cast Iron
Piston Force	10 t	10 t	No
Machine Operating Position	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Center Roll Positioning	Hydraulic	Hydraulic	Manual (with torque multiplier)
Display	Digital Programmable	Digital Programmable	Digital
Machine Body Construction	Welded Steel	Welded Steel	Welded Steel
Number of Programs	8	8	1
Electric Foot Pedal Control	Yes	Yes	Yes
Dimensions (w x h x l)	650 x 1270 x 1100 mm	650 x 1270 x 1100 mm	650 x 1430 x 1100 mm
Weight	430 Kg	400 Kg	410 Kg

* other voltages available upon request



art. CE50MR3



art. CE50H2 - CE50H3

SPECIAL MODELS

For technical data and maximum capacities, consult standard models tables

Art.	Description
CE50H3 CE50H2 CE50MR3	V2* 2 speeds models - Other features same as standard models.

* Speed of V2 models (two speed machines): 9/18 rpm with brake (for 60 Hz), 6/12 rpm (for 50 Hz)