

CE40



Pyramidal Ring Roller
Ø 40 mm Shaft

MODELS

Art.	Phase	Center Roll Positioning	Drive Rolls
CE40H3	Three	Hydraulic	3
CE40MR3	Three	Manual	3
CE40MR2	Three	Manual	2



art. CE40MR2 - CE40MR3



art. CE40H3

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" x 3.2	450
○	70 x 1.5	700
□	50 x 50 x 3	500
▭	60 x 30 x 3	600
●	35	250
■	35 x 35	250
▬	50 x 10	300
└	25 x 25 x 3 40 x 40 x 4 50 x 50 x 6	150 250 300
┌	60 x 60 x 6	400
┐	80 x 45 x 6	350

SPECIAL MODELS

For technical data and maximum capacities, consult standard models tables

Art.	Description
CE40H3 CE40MR3 CE40MR2	V2* 2 speeds models - Other features same as standard models.

* Speed of V2 models (two speed machines): 10/20 rpm with brake (for 60 Hz), 9/18 rpm (for 50 Hz)

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

TECHNICAL DATA

Description	CE40H3	CE40MR3	CE40MR2
Roll Shaft Diameter	40 mm	40 mm	40 mm
Standard Roll Diameter	165 mm	165 mm	165 mm
Max Center Roll Stroke	124 mm	124 mm	125 mm
Roll Shaft Speed	10 rpm	10 rpm	10 rpm
Independent Drive Rolls	3 Smooth	3 Smooth	2 Knurled
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	No	No
Machine Mainframe	Cast Iron	Cast Iron	Cast Iron
Piston Force	7 t	No	No
Machine Operating Position	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Center Roll Positioning	Hydraulic	Manual (with torque multiplier)	Manual (with torque multiplier)
Display	Digital programmable	Digital	Digital
Machine Body Construction	Welded Steel	Welded Steel	Welded Steel
Number of Programs	8	1	1
Electric Foot Pedal Control	Yes	Yes	Yes
Dimensions (w x h x l)	560 x 1430 x 980 mm	560 x 1430 x 980 mm	560 x 1430 x 980 mm
Weight	340 Kg	300 Kg	280 Kg

* other voltages available upon request



ECO40



ECO Pyramidal Ring Roller
Ø 40 mm Shaft

MODELS

Art.	Phase	Center Roll Positioning	Drive Rolls
ECO40M2M	Single	Manual	2

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
Gas Tube	1 1/2 Gas sch. 40
○	60 x 2
□	50 x 50 x 3
▭	60 x 30 x 3
●	35
■	35 x 35
└	50 x 50 x 4
┌	50 x 50 x 6

For dimensions in inches, see conversion table on page 97



art. ECO40M2M

TECHNICAL DATA

Description	ECO40M2M
Roll Shaft Diameter	40 mm
Standard Roll Diameter	165 mm
Roll Shaft Speed	5 / 10 rpm
Independent Drive Rolls	2 Knurled
Voltage	Single Phase 220 / 240 V
Motor	0.75 kW
Speeds	2 (inverter)
Machine Mainframe	Welded Steel
Machine Operating Position	Horizontal / Vertical
Center Roll Positioning	Manual
Display	No
Electric Foot Pedal Control	Yes
Spiral Bending Accessory Applicable	No
Anti-twist Device for Angle Iron "Leg In" Applicable	Yes
Dimensions (w x h x l)	700 x 1460 x 600 mm
Weight	180 Kg

