



Bar Twister,
Press, Tube Bender,
Bar Curler

MODELS

Art.	Phase	Table Length
EF35- 2MT	Three	2000 mm
EF35- 3MT	Three	3000 mm
EF35- 6MT	Three	6000 mm

Note: Machines supplied without oil.



art. EF35- 2MT

MAX CAPACITY*

Profile	BAR TWISTER
	35 x 35 mm** (1.38" x 1.38")
	30 x 30 mm** (1.18" x 1.18")
	40 x 10 mm** (1.57" x 0.39")
	-

Profile	PRESS	TUBE AND PIPE BENDER	BAR CURLER
	20 x 20 mm (0.79" x 0.79")	20 x 20 mm (0.79" x 0.79")	20 x 20 mm (0.79" x 0.79")
	Ø 20 mm (0.79")	Ø 20 mm (0.79")	Ø 20 mm (0.79")
	40 x 8 mm (1.57" x 0.31") (only with special tooling kit)	-	40 x 10 mm (1.57" x 0.39")
	-	Ø 33.7 x 3.2 mm (1" Gas x 0.12")	-

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

** Using vice tiebar supplied with machine.

TECHNICAL FEATURES

- ✓ Modular machine: bar curler, twister, folder, press and tube bender
- ✓ Programmable rotation angle for accurate and repeatable jobs
- ✓ Programmable hydraulic press unit: powered by 5 ton hydraulic piston with a 220 mm stroke
- ✓ The curling unit works horizontally for casier operations and shorter production time
- ✓ High curling capacity of square, round and flat bars
- ✓ Easy to make very tight spirals for applications such as door or gate rings
- ✓ Optional hydraulic secondary outlet, automatically controlled by a footswitch

TECHNICAL DATA

Description	EF35- 2MT	EF35- 3MT	EF35- 6MT
Standard Working Length (bar twister accessory)	1500 mm (5 ft)	2500 mm (8 ft)	5500 mm (18 ft)
Three Phase Motor	1.1 / 1.5 kW	1.1 / 1.5 kW	1.1 / 1.5 kW
Hydraulic Motor Power	1.5 kW	1.5 kW	1.5 kW
Voltage*	220 / 400 V	220 / 400 V	220 / 400 V
Speed	4.3/8.6 rpm	4.3/8.6 rpm	4.3/8.6 rpm
Weight (without accessories)	500 Kg	510 Kg	540 Kg
Dimensions (w x h x l)	810 x 900 x 3030 mm	810 x 900 x 4030 mm	810 x 900 x 7030 mm

* Other voltages available upon request

ERCOFORM ACCESSORIES

SERVICE TOOLS



Artt. EP25-156 - EP25-155
CP262 - EP25-154

EF35- 2MT	EF35- 3MT	EF35- 6MT
●	●	●
Artt. EP25-156 - EP25-155 CP262 - EP25-154		

BAR CURLER UNIT

Complete with nr. 1 medium size chain.



Art. EF35-GR-CAT-MED

EF35- 2MT	EF35- 3MT	EF35- 6MT
●	●	●
Art. EF35-GR-CAT-MED		

SPIRAL DEVICE

Complete with nr. 1 roll for round, flat and square bars.
Max capacity: round solid bar Ø 18 mm, square bar 18 x 18 mm.

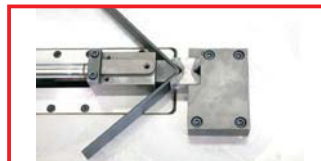


Art. EF35-GR-ANELLI

EF35- 2MT	EF35- 3MT	EF35- 6MT
●	●	●
Art. EF35-GR-ANELLI		

BAR FOLDER UNIT

Complete with chuck and insert holders.



Art. EF35-GR-C-PRES

EF35- 2MT	EF35- 3MT	EF35- 6MT
●	●	●
Art. EF35-GR-C-PRES		

TUBE BENDER UNIT



Art. EF35-300A

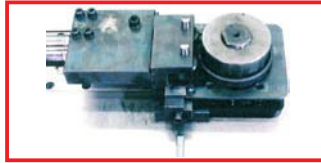
EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. EF35-300A		

LEGEND

● = standard ▲ = optional na = not applicable

RING ACCESSORY

For metal rings applications, completed with nr. 2 counter-pressure rolls and nr. 1 former (50 mm radius).



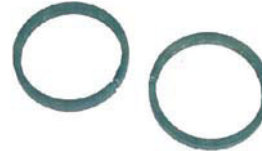
Art. EF35-KC00

EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. EF35-KC00		

MAX CAPACITY *

■	Steel R = 35 Kg/mm ²	12 x 12 mm
●	Steel R = 35 Kg/mm ²	14 mm

* With 180 bar working pressure and counter-pressure rolls in inner position.
For dimensions in inches, see conversion table on page 97.



BIRD CAGE ACCESSORY

For bird cage shapes from solid square bars welded at the ends.
Including: one set for bird cages made of 4 bars of 6, 8 or 10 mm. Accessory to be used with foot switch art. P050H.



Art. EF35PGN100-500

EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. EF35PGN100-500		

MAX CAPACITY

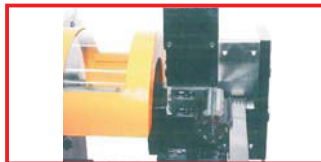
■	Steel R = 37 Kg/mm ²	4 square bars 10 x 10 mm 8 square bars 8 x 8 mm	Bar length: min 180 mm; max 250 mm
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For dimensions in inches, see conversion table on page 97.



HOT BAR ROLLING MILL ACCESSORY

For ornamental metalworking. Pre-heated material (with Metal Forging Oven ERCHOHEAT) at 850° C is required.
Including one set of nr. 2 smooth rolls (for other finishings, special rolls available upon request).
Accessory to be used with foot switch art. P050H.



Art. EF35-LAM00

EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. EF35-LAM00		

MAX CAPACITY

■	Steel R = 42 Kg/mm ²	60 x 15 mm
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For dimensions in inches, see conversion table on page 97.



LEGEND

● = standard ▲ = optional na = not applicable

HYDRAULIC BAR TWISTER VICE ACCESSORY

For heavy duty applications on the Bar Twisting Unit. Accessory to be used with foot switch art. P050H.



Art. EF35-KMI

EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. EF35-KMI		

FOOT SWITCH

Required for Bird Cage Accessory art. EF35PGN100-500, Hot Bar Rolling Mill Accessory art. EF35-LAM00 and Hydraulic Bar Twister Vice Accessory art. EF35-KMI on the Bar Twisting Unit.



Art. P050H

EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. P050H		

CONTROL PANEL

Used for all machine functions.



Art. EF35-CR

EF35- 2MT	EF35- 3MT	EF35- 6MT
▲	▲	▲
Art. EF35-CR		

LEGEND

● = standard ▲ = optional na = not applicable

TOOLING FOR ERCOFORM



● — For EF35 — ●

TOOLING FOR CURLING UNIT

Art.	Chain
EF35-GR-CAT-GR	Large
EF35-GR-CAT-MED	Medium
EF35-GR-CAT-P	Small



Art. EF35-GR-CAT-GR




Art. EF35-GR-CAT-MED



Art. EF35-GR-CAT-P

MAXIMUM CAPACITIES

	■		■		●		🌀	
	Min	Max	Min	Max	Min	Max	L	No. of spirals
SMALL Art. EF35-GR-CAT-P	4 x 10 mm	6 x 20 mm	4 x 4 mm	6 x 6 mm	4 mm	6 mm	110 mm	2
MEDIUM Art. EF35-GR-CAT-MED	8 x 10 mm	10 x 40 mm	8 x 8 mm	10 x 10 mm	8 mm	10 mm	300 mm (370 with links upon request)	3
LARGE Art. EF35-GR-CAT-GR	6 x 10 mm	10 x 30 mm	6 x 6 mm	20 x 20 mm	6 mm	20 mm	250 mm (300 with links upon request)	2

FORMERS FOR RING ACCESSORY

Art.	∅ ring, mm
EF35-KC10D80	80
EF35-KC10D90	90
EF35-KC10D100	100
EF35-KC10D110	110
EF35-KC10D121	121
EF35-KC10D150	150



PRISMS FOR BAR FOLDING UNIT

Art.	Groove, mm	Max Capacity
EF35-MS01	78	16 x 16
EF35-MS02	100	20 x 20
EF35-MS03	120	16 x 16

