



PRODUCT DESCRIPTION

Specially recommended for rebar production in small - medium housing or infrastructure projects with rebar sizes of up to Ø36mm / 1 3/8" (#11) for cutting and Ø52mm / 2" for bending, such as small resorts, condominiums, villas, low height apartment buildings, etc. A multi-purpose machine which also allows production of stirrups, spirals and hoops with its optional accessories.

The COMBI range is an ideal solution for small to medium rebar contractors and manufacturers, providing full working autonomy in any rebar work, and at a very low cost.

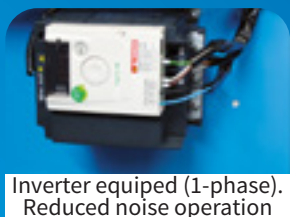
One machine, a single investment to do all rebar jobs: bending, cutting, stirrups and spirals / hoops.



Smart belts tightening system quick and easy



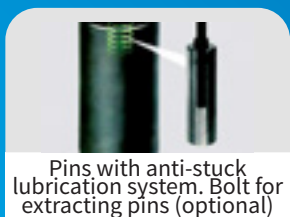
Protection shield for control panel



Inverter equipped (1-phase). Reduced noise operation



Safety foot pedal control



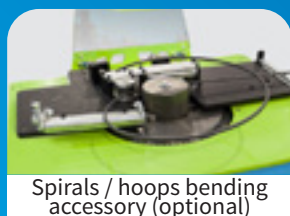
Pins with anti-stuck lubrication system. Bolt for extracting pins (optional)



Stirrup device for max. rebar Ø14mm / 5/8" - #5 (optional)



Large diameter rebar bending kit (optional)



Spirals / hoops bending accessory (optional)

4-IN-1 MACHINE



Cutting, thanks to its shear jaws simultaneously operated with the bending plate.



Bending, operated as our DEL range rebar benders.



Stirrups production using the optional stirrups accessory (up to 450 pcs./ hour).



Production of **spirals** rings and arches using the optional Spirals bending accessory.



In compliance to most international bending requirements and regulations, for bending rebar size $\geq \text{Ø}25$ mm it is **mandatory to use the large diameter rebar special bending device** and the specific mandrels as per rebar sizes.
(Please check page 33)



Bending capacity COMBI x2 speeds:

DEL 32 x2 speeds: fast: Ø16 mm (#5) – slow: Ø 28 mm (#9)

DEL 36 x2 speeds: fast: Ø20 mm (#6) – slow: Ø 32 mm (#10)

DEL 45 x2 speeds: fast: Ø25 mm (#8) – slow: Ø 40 mm (#14)

CUTTING CAPACITY COMBI

Yield strength/Grade	Re=N/mm ² 480 / G-60			Re=N/mm ² 650 / G-75		
	N/mm ² 650			N/mm ² 850		
Tensile strength						
Qty. of rebar (mm / inch #)	1	2	3	1	2	3
COMBI 25/32	Ø20 7/8" (7#)	Ø16 5/8" (5#)	Ø10 3/8" (3#)	Ø20 7/8" (7#)	Ø14 1/2" (4#)	Ø8 3/8" (3#)
COMBI 30/36	Ø25 1" (8#)	Ø18 3/4" (6#)	Ø14 1/2" (4#)	Ø25 1" (8#)	Ø16 5/8" (5#)	Ø12 1/2" (4#)
COMBI 36/52	Ø32 1 1/4" (10#)	Ø20 7/8" (7#)	Ø16 5/8" (5#)	Ø32 1 1/4" (10#)	Ø18 3/4" (6#)	Ø16 5/8" (5#)

BENDING CAPACITY COMBI

Yield strength/Grade	Re=N/mm ² 480 / G-60			Re=N/mm ² 650 / G-75		
	N/mm ² 650			N/mm ² 850		
Tensile strength						
Qty. of rebar (mm / inch #)	1	2	3	1	2	3
COMBI 25/32	Ø28 1 1/8" (9#)	Ø20 7/8" (7#)	Ø16 5/8" (5#)	Ø25 1" (8#)	Ø18 3/4" (6#)	Ø14 1/2" (4#)
COMBI 30/36	Ø32 1 1/4" (10#)	Ø24 1" (8#)	Ø18 3/4" (6#)	Ø32 1 1/4" (10#)	Ø22 7/8" (7#)	Ø16 5/8" (5#)
COMBI 36/52	Ø46 1 7/8"	Ø34 1 3/8" (11#)	Ø25 1" (8#)	Ø42 1 3/4" (14#)	Ø32 1 1/4" (10#)	Ø25 1" (8#)

Model	Phase	Frequency Hz (plug pins)	Code	Motor voltage (V)	KW (HP)	Turns/min	Oil (L. Gal.)	Net weight Kg (Lbs)	Packaging dimensions LxWxH / mm (Inch)
COMBI 25/32	1-PHASE	50-60 (3P)	20351504	230	2,2 (3)	11	5,1 (1,34)	386 (850,98)	950 x 1080 x 1.050 (37,4" x 33,46" x 41,33")
	3-PHASE	50 (4P) 50 (5P)	20351500 20351502	400					
	3-PHASE	60 (4P)	20351501	230 / 400					
	3-PHASE 2 Speed	50 (5P)	20351505	230 / 400	3,3 (4,5)	11 / 22			
COMBI 30/36	3-PHASE	50 (4P) 50 (5P)	20352000 20352002	230 / 400	3 (4)	10	10 (2,64)	435 (959,01)	950 x 1080 x 1050 (37,4" x 42,52" x 41,33")
	3-PHASE	60 (4P)	20352001		4,5 (6,1)				
	3-PHASE 2 speed	50 (5P)	20352005		10 / 20				
COMBI 36/52	3-PHASE	50 (4P) 50 (5P)	20352500 20352502	230 / 400	4 (5,5)	6	8,8 (2,32)	721 (1589,53)	1080 x 1290 x 1190 (42,52" x 50,78" x 46,85")
	3-PHASE	60 (4P)	20352501						