



www.simasa.com



Cortadoras de Disco de Diamante

Cortadoras de Azulejos Tronzadoras de Mesa



Cortadoras de Materiales

Rebar Processing

- Electrical Shears
- Combined Rebar Bender & Shear
- Electrical Benders
- Electrical Stirrups Benders
- Manual Stirrup Bending & Cutting

CEL 30 / 35 / 45



Easy and quick safety device.

Impossible to operate by its pedal or lever when the protector is up, complying then with CE regulations.

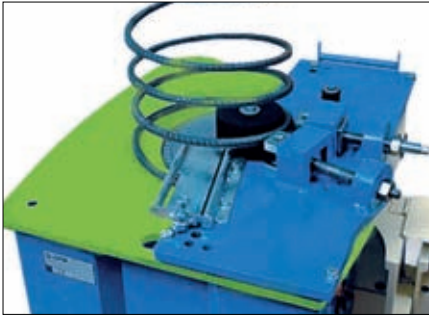
Longer Life and Top Performance

- The inner mechanisms (gears, bearings, shafts, etc), which are affording high efforts and usage, are thermally treated. This implies longer life and top performance.
- Monoblock cast iron body.
- Cutting operation controlled by pedal (Mod. CEL-45) and lever and pedal (Mods. CEL- 30,35,40).
- Interchangeable rectangular knives with 4 cutting sides.
- Higher efficiency in small and medium sized diameters because of its larger "throat" and cutting knives.
- Group of gears are bath in oil.
- Easily transportable thanks to its hook and handle.



Technical Specifications					
Model		CEL 30	CEL 30M	CEL 35	CEL 45
R=N/mm.2	R=450 FLAT BARS N 1 - 2 -3	30 - 20 - 16	30 - 20 - 16	35 - 24 - 18	45 - 32 - 24
	R=450 REINFORCED BARS N 1 - 2 -3	25 - 18 - 14	25 - 18 - 14	32 - 20 - 16	38 - 26 - 22
	R=650 FLAT BARS N 1 - 2 -3	25 - 18 - 14	25 - 18 - 14	32 - 20 - 16	38 - 26 - 22
	R=650 REINFORCED BARS N 1 - 2 -3	22 - 16 - 12	22 - 16 - 12	30 - 18 - 14	36 - 24 - 20
Cuts Per Minute		105	105	100	60
HP / Engine		2	2 Single phase	3	4
Measurements		90x62,5x96,5	90x62,5x96,5	116x64x97	120x80x109
Weight (Kg)		227	227	331	580

Combined Rebar Bender & Shear

Combi 25-30 / 30-35 / 36-42

Necessary to build circular pillars, columns and special circular formworks.



KIT (OPTIONAL): Special bending kit (UNE 36831).



Special stirrups device.

**Four machines in one:**

- Four machines in one: (cutting + bending + stirrups + spirals).
- Bender & Shear body made cast iron.
- Bending turning table and shearing unit operated simultaneously by foot pedal.
- Safety protector for shearing unit.
- Greasing nipples on the main friction points of the shearing unit.

Technical Specifications	Combi 25-30	Combi 30-35	Combi 36-42
R=450 Flat bar Bending/Cutting (mm)	30 / 25	35 / 30	42 / 36
R=450 Reinforced bar Bending/Cutting (mm)	25 / 20	32 / 26	40 / 32
R=650 Flat bar Bending/Cutting (mm)	25 / 20	32 / 25	32 / 26
R=650 Reinforced bar Bending/Cutting (mm)	22 / 18	28 / 24	32 / 25
Turns/ minute	10	8	10
HP/Braking motor	3	5,5	4
Measurements (cm)	90x98x89	120x99x105	120x99x110
Weight (Kg)	373	429	757



DEL 30 / 35 / 42 / 50**Del 35**

Necessary to build circular pillars, columns and special circular formworks.



POLYGONAL STIRRUPS (OPTIONAL):

Thanks to this special device for stirrups, polygonal stirrups can be made accurately and quickly, max. \varnothing 12 mm.

Benders designed for being used at Rebar Workshops as well as at Building Site.

- Reversing device which enables the turning table rotations from left to right and the other way around.
- Millimetric adjustment of the bending angle placing small pins into the holes located around the turning table. At the table rotates the pins engage a limit switch and automatically returns to neutral.
- Emergency stop button and reversing device in case of misuse.
- Very easy electrical mechanisms. It does not assembled any expensive or problematic electrical chip-cards.
- Self fan coil cooled braking motor.
- Low tension transformer (24 Volt.) is assembled, which assures complete safety.
- Thermically treated bushes, tips and bending squares.
- Easy operating and high performance.

**Del 50 Tronic**

Technical Specifications		Del 30	Del 35	Del 42	Del 50/50 Tronic
Model:		Del 30	Del 35	Del 42	Del 50/50 Tronic
R=N/mm.2	R=450 Flat bar(mm)	30	35	42	50
	R=450 Reinforced bar (mm)	26	32	35	40
	R=650 Flat bar (mm)	26	30	35	40
	R=650 Reinforced bar (mm)	25	28	34	35
Turns/ Minute		12	10	8	6
HP / Braking motor		3	4		
Measurements (cm)		120x80x105		120x90x107	120x89x110
Weight (Kg)		312	354	560	569

Star-16



Able to make polygonal stirrups

- Able to make polygonal stirrups in any required dimensions and shapes.
- High productivity, from 700 to 1000 stirrups per hour, depending on the rod diameter.
- Safety electrical panel according to CE regulations.

Technical Specifications	STAR 16 / STAR 16 M
R = 450 Reinforced bar	16
Turns/Minute	22
HP / Engine	2
Mesasurements (including legs)	850x800x660
Weight (kg)	143



Manual Stirrup Bending & Cutting

Manual Steel Cutters

- **Versatile and robust design**
Able to cut steel from 6 mm to 16 mm.
- **Unbreakable handles**
Special high-resistant steel levers, 3mm thickness.
- **Highly-resistant jaws**
- **Highly-resistant knives**
Top-quality made-up steel up to 54/56 HRC.
- **Special Design**
Acces to concrete mesh, stairwells, cornices...
Able to cut small rods on ground level.
- **Important opening jaws**
Easy cutting and less effort.



TX-16

STEEL-Chrome blades

- Highly resistant.
- Three cutting edges - Longer lifetime.

Manual Bender

DM 12

Bends several rods at once

- Bends several rods at once.
- Able to make any kind of stirrups.
- Bends high-resistant rods.



Manual Shear

C6-22 / C6-28 / C6-32

Compact body

- Made of welded steeled panel Martin Siemens.
- Exclusive approximation knives device included in models C-6/28 and C-6/32 (Easy cutting system).
- Bends high-resistant rods.

