

STAR Range

Electric Stirrups Benders.

Rebar stirrups are the most common and repeating shapes used for rebar structures in construction, so the labour and time invested for its production is higher than any other rebar work.

Thanks to its handy and comfortable design, **STAR** stirrup bender delivers a high performance and productivity, up to 700 - 1000 stirrups per hour depending on the rebar size, the stirrup shape and the operator skill. **STAR** stirrup bender represents a very tiny investment in comparison to its high output, which makes it a perfect partner for rebar fabricators / workshops, for their serial stirrups productions and for rebar jobs at sites, thanks to its adaptability.

It is also quite suitable for builder's merchants or hardware stores with rebar supplying services.

Bending capacity up to rebar 16mm (5/8" - #5) for **STAR 16** and rebar 20mm (7/8" - #7) for **STAR 20**. Both models can bend multiple stirrups at the time with the same shape and bending quality.

Both models are available in single phase 230V and three phase 230V / 400V motor versions to ease the rebar works at any site.

The new **STAR 20** is featured with a 360° turning bending plate so as to work clockwise and counterclockwise, for an increased operational flexibility. Also supplied with holders to store rebars and provide an easier rebar feeding.



FEATURES AND BENEFITS OF THE STAR RANGE



Bending turning plate ergonomically designed for an easier operation.



Removable panels for easy maintenance access.



Adjustable folding length stops.



Angle selection pins with memory holders for 2 different angles programme.



Safety foot pedal control.



Full featured control panel.



Heavy-duty motor-reducer, 0% power loss.



Curved and transparent shield protection visor for 360 degree visibility.

Speed and versatility.

- **STAR 16** and **STAR-20** are not only able to produce standard stirrups but virtually any rebar shape typically used in rebar structures construction, such as: hooks, separators, anchorages, rebar feet, elbows, reinforcements, etc.
- Able to bend several rebar at the time depending on rebar size and strength (Grade).
- Easy and simple operation: it does not require highly qualified operators.
- All the necessary pins, rollers and mandrels, as well as the adjustable stop ruler are supplied as standard equipment.
- Pins and rollers can be customized upon request to suit to our customers requirements.
- Control panel designed and built in accordance with CE regulations.



Different bends and angles (among others)



Bending capacity

Yield strength / Grade	Re=N / mm ² 480 / G-60						Re=N / mm ² 650 / G-75					
Tensile strength	Rm=N / mm ² 650						Rm=N / mm ² 850					
No. x	7	6	5	3	1	1	7	6	5	2	1	1
Bending mandrels Ø mm / in	Ø18 / 0.71"	Ø24 / 0.94"	Ø36 / 1.41"	Ø36 / 1.41"	Ø48 / 1.89"	Ø48 / 1.89"	Ø18 / 0.71"	Ø24 / 0.94"	Ø36 / 1.41"	Ø36 / 1.41"	Ø48 / 1.89"	Ø48 / 1.89"
	Millimeters											
STAR 16	Ø6	Ø8	Ø10	Ø12	Ø16		Ø6	Ø8	Ø10	Ø12	Ø16	
STAR 20						Ø20						Ø20
	In / #											
STAR 16	Ø1/4"	Ø5/16"	Ø3/8" / #3	Ø1/2" / #4	Ø5/8" / #5		Ø1/4"	Ø5/16"	Ø3/8" / #3	Ø1/2" / #4	Ø5/8" / #5	
STAR 20						Ø7/8" / #7						Ø7/8" / #7

Accessories included

Ømm / in		Ø36 / 1.38"	Ø18 / 1.38"	Ø25 / 1"	Ø36 / 1.38"	Ø48 / 1.78"			
STAR 16	1	1	1	2	1	1	1	1	2
STAR 20	1	1	1	2	1	1	1	1	2



	STAR 16			STAR 20			
	1 - PHASE	3 - PHASE		1 - PHASE	3 - PHASE		3 - PHASE
Item code	0835	0830	0833	20202004	20202000	20202002	20202001
Motor voltage (V)	230	230 / 400		230	230 / 400		
Frequency (Hz) / In (pins)	50 / 3P	50 - 60 / 4P	50 - 60 / 5P	50 - 60 / 3P	50 / 4P	50 / 5P	60 / 4P
Kw (Hp)	2,2 (3)	1,5 (2)	1,5 (2)		1,5		
Cycles / minute (bend / return)		19			17		
Net weight (Kg. / lbs.)		140 / 308,64			214 / 471,79		
Packaging dimensions L x W x H (mm / in)	850 x 760 x 680 / 33,46" x 29,92" x 26,77"			800 x 620 x 1040 / 31,49" x 24,41" x 40,94"			