## **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 confortable 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 guite 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

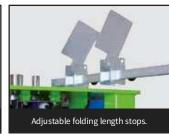


designed for an easier operation.



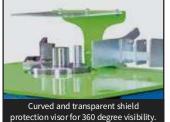


Full featured control panel.













## Speed and versatility.

- STAR 16 and STAR-20 are not only able to produce standard stirrups but virtually any rebar shape tipically used in rebar structuresconstruction, 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)												
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Bending capacity												
Yield strength / Grade		Re=N/mm² 480/G-60 Re=N/mm² 650/G-75										
Tensile strength	Rm=N/mm²650						Rm=N/mm <sup>2</sup> 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											

NO. X	1	O	5	3	1	1	1	O	5	_	1	1	
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		Millimeters											
STAR 16	Ø6	Ø8	Ø10	Ø12	Ø16		Ø6	Ø8	Ø10	Ø12	Ø16		
STAR 20		00	010	WIZ.	010	Ø20	00	00	010	VIL.	010	Ø20	
	ln/#												
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	014	03/10	W30 /#3	WVZ / #4	WJ0 /#J	Ø7/8" / #7	W/4	0310	W3/0 /#3	WVC / #4	WJ0 / #3	Ø7/8" / #7	
·													

Accessories included									
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Ømm/in		Ø36 /1 <sup>3/8</sup> '	Ø18 /1 <sup>3/4</sup>	Ø25 / 1"	Ø36/1³/8"	Ø48/1 <sup>7/8</sup>			
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 - PI	HASE	1-PHASE	3 - PI	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-		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 Lx Wx 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"						