

Twinmaster 16 III

STEMA
PEDAX

Our STEMA/PEDAX R&D departments have worked together in creating this new flagship, and we are proud to present a new automatic twin-strand stirrup-bending machine with maximum performance and high output. The Twinmaster 16III is a new twin-strand steel processing centre for wire diameters from 8-16 mm.

This machine is equipped solely with servo-technology for all functions, due to our satisfaction with the Bosch/Lenze Servo-Technology, which we have used for the last 5 years. The servo-technology not only makes the machine more silent, but it also consumes less energy and has less maintenance costs.

Our new stirrup bender is delivered as standard with the well-known Steelmaster standard features; anti-twist, SRFU (Stress Release Feeding Unit) and also automatic straightening units, which can easily be adjusted by the use of our joysticks.



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The wire guiding system as well as the bending function is designed very compact and when double bending is being processed the first bend is taking place in 2'nd bending head after cutting, bending head 1 takes over, and carries out the bends in the other end of the bar.

This machine is controlled with our well-known state-of-the-art Logic software based on Linux , which allows

you to choose the bending shapes quickly and in just a few seconds you are in production.

The Twinmaster 16III is a one man operated machine designed with great consideration to the work environment in order to make the work positions as good as possible, and the new bending plates ensure a complete flat surface and a quick mandrel change.



Our new integrated double bending unit has new bending plates, which ensures a flat surface and a quick mandrel change.

- Bosch/Lenze Servo Technology**
- Integrated Double Bending Unit**
- High Performance**
- SRFU – anti-stress straightening system**
- User Friendly Software**
- Easy Maintenance**
- Low Noise Level**



Our user friendly software and control panel makes you able to choose and change stirrup shapes in matter of seconds.

Technical specifications

Steel grade:	700 N/mm ²
Wire diameter:	Single strand: Ø 8-16 mm & double strand: Ø 8-12 mm
Rate of feed, max.:	140 m/min
Bending speed, max.:	1500°/sec
Bending angle:	0 - 180°
Weight:	8.000 + 2.000 kg
Dimensions (L x W x H):	12000/15000/18000 * 1700 * 2300/3500 mm
Operating voltage:	3 x 400V/50 Hz
Connected load:	37 kW
Average power consumption:	7-10 kW
Main fuse:	100 Amp
Air pressure/consumption:	max 8 bar / approx 150 l/min
Drawing power of feeding rollers:	15.000 - 35.000 N
Tolerances:	side lengths +/- 1 mm/m
	angles +/- 1°
	bars +/- 1mm/m

We reserve the right to make design alterations without notice.