

AUTOMATIC BENDING MACHINE

FOCUS 16

TECHNICAL FEATURES

Voltage supply	400 V - 50 Hz
Others voltages upon request	200÷480 V - 50/60 Hz
Installed power	34.7 kW
Average absorbed power	30 kW
Hydraulic unit capacity	300 l
Infeed speed	0 ÷ 1,5 m/s
Bending speed	0 ÷ 1000 °/s
Shearing time	4/10 s
Centre forming tools min./max. diameter (upon request)	Min. 12 mm - max. 62 mm
Pay-off station max capacity	3200 kg
Overall dimensions	
Machine	4250 x 1650 x 2300 mm
Control cabinet	700 x 1200 x 1640 mm
LC pay-off station	2350 x 2050 x 3000 mm
Weights	
Machine	4100 kg
Control cabinet	150 kg
LC pay-off station	1194 kg

PRODUCTION FEATURES

Ribbed and plain rod type allowable maximum strength	
Max. unit yield point	600 N/mm ²
Max. tensile strength	700 N/mm ²
Diameter range *	
Single wire operation	Ø6 ÷ 16 mm
Double wires operation	Ø6 ÷ 13 mm
Operation for shape *	
Sides	1 ÷ 28
Angles	1 ÷ 27
Max. vertical side length	1300 mm
Min. first side hook length	35 mm (Ø6)
Min. last side length	10 mm (Ø6)
Max. angle in clockwise bend	180°
Max. angle in anticlockwise bend	180°
Machine tolerances *	
Sides	±1 mm/m
Angles	±1°
Machine productivity *	
Quantity of square stirrup/hour (development length stirrup 1100 mm with 5 bends)	1400
Programme capacity	
Programmable memory codes	200
Programmed codes memory	60

(*) the data refer to the maximum speed that can be achieved by the feeding unit, processing single coil having standard characteristics (DIN 488) and may vary in accordance to diameter, typology, quality of the coils and relevant straightening.

MEP s.p.a. reserves the right to make changes to the data presented here without prior notice.

MEP

Macchine Elettroniche Piegatrici

Via Leonardo da Vinci, 20 33010 Reana del Rojale (UD) Italy

Tel. +39 0432 851455 Fax +39 0432 880140

www.mepgroup.com mep@mepgroup.com