

SYNTHETON SERIES

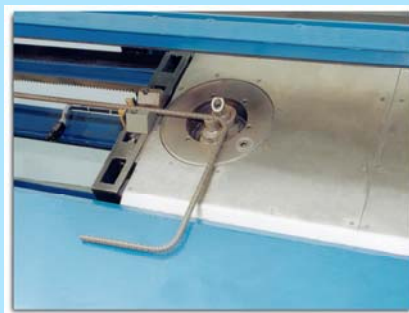
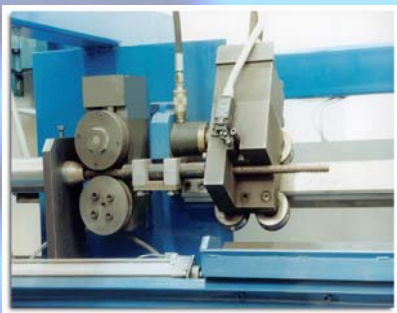
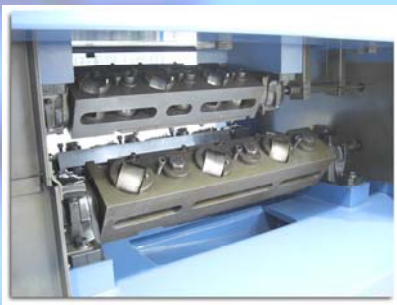


**FLEXIBLE MULTI-LINE STRAIGHTENING AND
TWIN BENDING SYSTEM FOR COILED RE-BARS UP TO 20mm #6**



- ✓ Automatic Rebar Twin-Bender, working directly from coil.
- ✓ A multi-line straightening & cutting machine from three up to six lines- feeds the rebar into the bending machine.
- ✓ Straightening section employs roller & 4G hyperbolic roller straightening technology.
- ✓ Flying shear cutter, common to all lines, allows uninterrupted operation and minimizes material stresses.
- ✓ Unique convergence wire guide system for automatic re-bar diameter changes in less than 2 seconds (patented).
- ✓ The extremely fast and automatic coil and bending tool changes, enables the production of different re-bar diameters in the same batch without complicated collection systems.
- ✓ Flying shear cutter, common to all lines, allows uninterrupted operation and minimizes material stresses.

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- ✓ Automatic bending tool changing device, depending on re-bar diameter to be processed.
- ✓ The bending heads are powered through servo-driven geared motors for excellent accuracy and increased production efficiency.
- ✓ Unique design of bending head allows left & right hand bends.
- ✓ Industrial microprocessor control with user-friendly operation and advanced programming software.
- ✓ The machine can work unsupervised due to the electronically controlled safety devices and the constant straightening quality achieved.
- ✓ The SYNTHETON SERIES can process, Re-Bars from 8 up to 20 mm #3 - #6 with lengths up to 12 m 40ft automatically.
- ✓ Available in various multi-line configurations, from three up to six lines, processing re-bar sizes from 6 up to 20 mm #3 - #6.

SYNTHETON	12x3	12x4	16x4	16x5	16x6	20x6
Number of lines	3	4	4	5	6	6
First Line	12mm (#4)	12mm (#4)	16mm (#5)	16mm (#5)	16mm (#5)	20mm (#6)
Second Line	10mm (#3)	10mm (#3)	12mm (#4)	12mm (#4)	14mm	16mm (#5)
Third Line	8mm	8mm	10mm (#3)	10mm (#3)	12mm (#4)	12mm (#4)
Fourth Line	-	6mm	8mm	8mm	10mm (#3)	10mm (#3)
Fifth Line	-	-	-	6mm	8mm	8mm
Sixth Line	-	-	-	-	6mm	6mm
Feeding speed	80-120 m/min (260-400 ft/min)					
Bending speed	0-400°/sec					
Bending head traverse speed	60 m/min (130 f/min)					
Installed power	28 kW	28 kW	38 kW	38 kW	38 kW	45 kW
Production output 8h (80% efficiency)	18-24 t	18-24 t	25-43 t	25-43 t	25-43 t	38-65 t

*Other diameter configurations upon request

For a free video CD and your nearest EUROBEND representative, please, contact:

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