

SPIRAL SE SERIES

CONTINUOUS MULTI LAYER STIRRUP BENDING MACHINES



***SETTING NEW STANDARDS IN
COLUMN AND BEAM PRODUCTION***

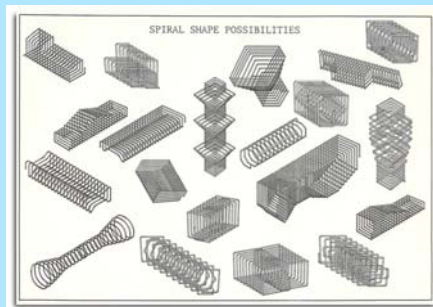
The SPIRAL SE series are the second generation of straightening, bending and cutting machines producing concrete reinforcing stirrups in continuous, multi-layer Spiral form (PATENTED).

Coiled Re-bar, High tensile PC-BAR or Wire can be processed and any shape can be produced (i.e. square, rectangular, polygon, circular etc).

The collection table is synchronized with the feeding and bending subassemblies and follows the movement of the produced spirals, enabling accurate spiral production, even for large shapes, dimensions and multiple layers.

The SPIRAL SE series unique advantages include:

- Reduced product costs in comparison to stirrups
- Massive space and labor savings
- Unlimited production flexibility
- Elimination in material waste
- Reduced installation and on-site assembly time
- Better structural protection



SPIRAL SE SERIES



- ✓ Excellent straightening and accurate feeding without re-bar marking due to multiple roller feeding.
- ✓ The lower rollers of the straightening sub-assemblies are powered, thus creating a positive, precise and evenly distributed feeding force.
- ✓ Diameter changes can be completed in seconds, thanks to the "Hexagon Shaft Pre-setting System"
- ✓ Adjustable counter-torsion (anti-twist) system always produces flat shapes regardless of re-bar quality, axial twist and bending direction (patent).
- ✓ Ergonomic operator interface with user friendly software.
- ✓ Remote trouble-shooting via Internet.



TECHNICAL SPECIFICATIONS	SPIRAL 12 SE 1.0	SPIRAL 12 SE 1.7	SPIRAL 16 SE
Re-bar sizes	Ø 5-12 mm (#4)	Ø 5-12 mm (#4)	Ø 6-16 mm (#5)
Wire feeding speed	100 m/min (330 ft/min)	100 m/min (330 ft/min)	90 m/min (300 ft/min)
Bending speed	800 °/sec	800 °/sec	800 °/sec
Collection table speed	80 rpm	40 rpm	40 rpm
Collection table sizes	1000x1000mm (40"x40")	1700x1700mm (5'7"x5'7")	1700x1700mm (5'7"x5'7") 1200x2500mm (4'x8'2")
Bending angle	± 180°	± 180°	± 180°
Side accuracy	± 0,5mm (0.02")	± 0,5mm (0.02")	± 0,5mm (0.02")
Bending accuracy	± 0,5°	± 0,5°	± 0,5°
Max. Number of layers	Up to 60	Up to 100	Up to 100
Production output 8h 12mm square spiral	800x800mm 12 t	1200x1200mm 12 t	1200x1200 12 t

SPIRAL SE Re-bar Benders are available with:

- ✓ Automatic Spiral discharging crane.
- ✓ Spiral bundling table.

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

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