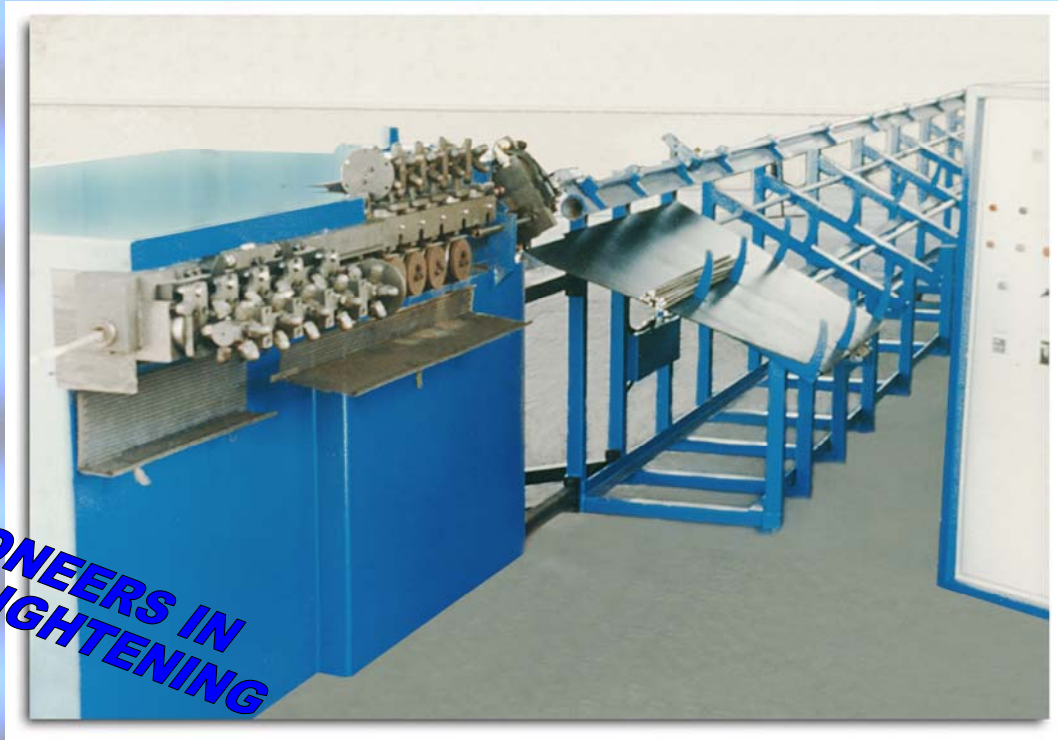
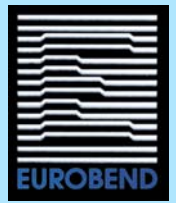


M-ROLL S & T SERIES

HIGH SPEED ROLLER STRAIGHTENING & CUTTING MACHINES



**PIONEERS IN
STRAIGHTENING**

- A complete range of high-speed programmable re-bar roller-straightening and cutting machines for heavy-duty continuous operation.
- All lower rollers of the straightening sub-assemblies are powered, thus creating a positive, precise and evenly distributed feed force without re-bar marking.
- Diameter changes can be completed in less than 2 minutes, thanks to the "Hexagon Shaft Pre-setting System".
- Automatic diameter adjustment "ASA" and automatic wire changing system "AWC" available on all models of M-ROLL T SERIES.
- A unique Anti-twist system (patented) ensures the torsion-free production of re-bars.
- The machine can work unsupervised due to electronically controlled safety devices.
- Product identification stamping available.



M-ROLL S & T SERIES

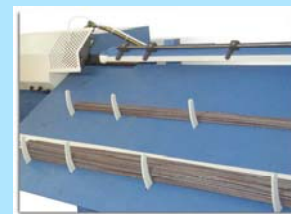
ADJUSTABLE RE-BAR ANTI-TORSION SYSTEM



Two types of control systems are available. A numeric control system type "PLC", where the length and the number of pieces to be produced can be easily programmed and a fully programmable type "CNC" with advanced Windows based software. The CNC version can be programmed through Barcode Scanner or can be directly connected to a central administrative server. Various collection systems depending on output, automation and handling requirements are available.

- ✓ Two-Level collection tables for bundling and removal without interrupting machine operation.
- ✓ Continuous re-bar aligning systems.
- ✓ In-line powered roller and pocket conveyors.
- ✓ Automatic bundling station.

Mechanical simplicity of the design ensures user friendly operation, consistent and continuous production.



M-ROLL		6 S	8 S	10 S	10 T	12 S	12 T	16 S	16 T
Re-bar diameter	mm	3-6	4-8	5-10	5-10	6-12	6-12	6-16	6-16
	in.	0.12-0.24	0.16-0.27	0.19-0.40	0.19-0.40	0.24-#4	0.24-#4	0.24-#5	0.24-#5
Feeding speed	m/min	80	80	80	280	80	270	80	250
	ft/min	260	260	260	920	260	890	260	820
Cutting accuracy	mm	±2	±2	±3	±5	±3	±5	±5	±5
	in.	±0.08"	±0.08"	±0.12"	±0.19"	±0.12"	±0.19"	±0.19"	±0.19"
Automatic straightening Roller adjustment	ASA	-	-	-	-	Optional	YES	Optional	YES
ANTI-TWIST Rollers		Optional	Optional	Optional	YES	YES	YES	YES	YES
Installed power	kW	3	5	8	25	12	35	20	45
Average power consumption	kWh	1,5	2,5	4	12	6	16	10	22
Production output 8h (80% efficiency)	t	6	10	17	55	25	80	45	115

*Twin wire processing for cold rolled re-bars upon request.

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

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