

# MELC POLY-LINE S SERIES

MULTI-LINE STRAIGHTENING & CUTTING MACHINES



**PIONEERS IN  
STRAIGHTENING**



- ✓ MELC multi-line straightening & cutting machines are designed for heavy duty continuous operation within the reinforcing industry, using the unique hyperbolic roller straightening and feeding system.
- ✓ The MELC straightening & feeding rotor provides unique advantages, such as: Excellent straightening, no re-bar marking, compact system layout, high output, maximum flexibility
- ✓ Each rotor (line) works independently from the others, thus each line can operate with the same or different re-bar diameter and cut the same or different length.
- ✓ Rotation of the rotor results in spiral rotation of the rollers around the re-bar, thus achieving straightening and feeding simultaneously.
- ✓ Due to the Rotor preset system, diameter changes can be achieved in less than five minutes. No test runs are required.
- ✓ Flying shear cutters cut the straightened re-bars, while in motion, thus allowing uninterrupted operation, minimum material stresses and ensures no marking on the re-bar surface.
- ✓ Product identification stamping available.

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- ✓ Each line has an independent collection system and leads the wires to a common collector for all the lines for bundling without interrupting machine operation.
- ✓ Any size of straightening rotors from Ø4mm to Ø20mm (1/6" to 3/4") can be combined to form a multi-line machine
- ✓ The machine can work unsupervised due to the electronically controlled safety devices and the constant straightening quality achieved.



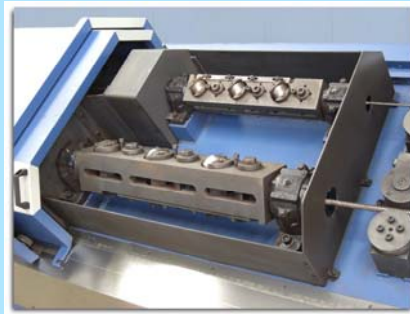
Two types of control systems are available.

A numeric control system type "PLC" where the length and the number of pieces to be produced can be easily programmed ensuring fast and easy change of wire lengths.

A fully programmable type "CNC" with Industrial microprocessor control, user-friendly operation and advanced Windows based software. The CNC version can be programmed through Barcode Scanner or can be directly connected to a central administrative centre.

The MELC POLY-LINE SERIES can be equipped with:

- Discharge multi-pocket collectors
- Powered roller conveyors
- Automatic bundling machines
- Pocket storage units



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

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