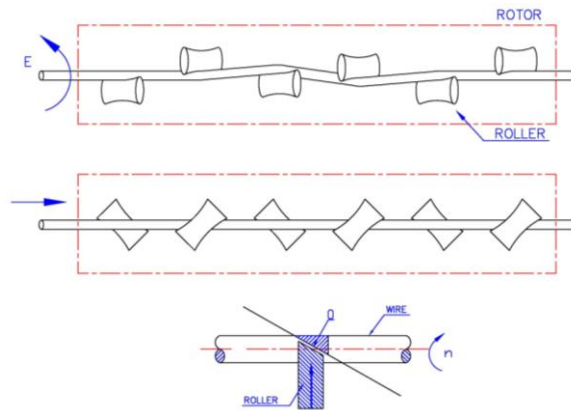


## NEW “MELC” STRAIGHTENING & CUTTING MACHINE

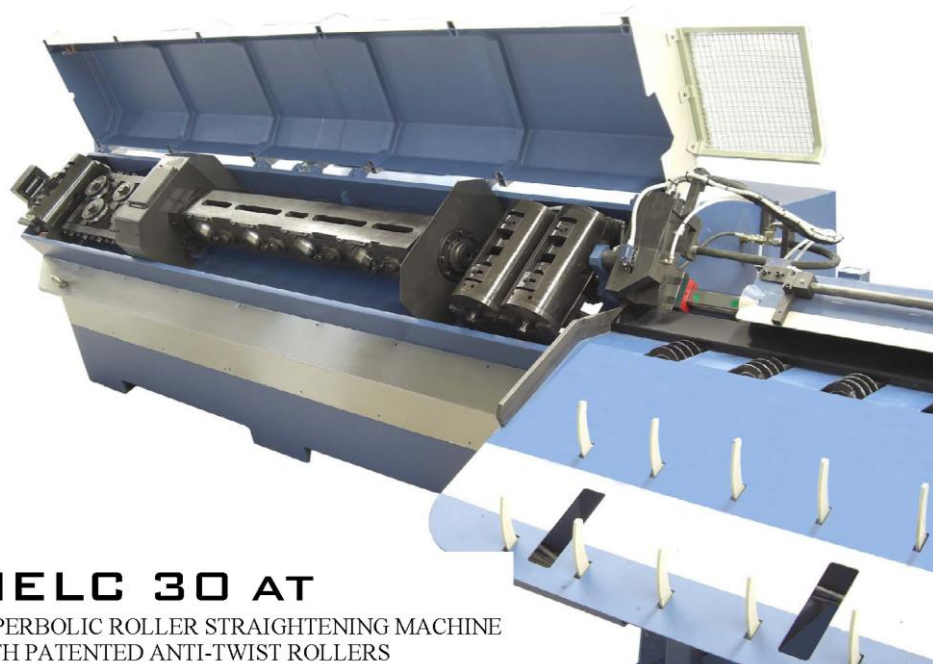
Up to 30 mm diameter wire

Eurobend SA first developed during the '80s the HYPERBOLIC ROLLER ROTOR in order to replace the conventional die rotor. **Our method is based on the Rotor straightening system, but instead of dies, we have placed hyperbolically profiled cylinders, (rollers), made from coated steel. The cylinders execute the two (2) fundamental operations of straightening and feeding the rod simultaneously (combined together).** This is achieved by, positioning the cylinders at an angle to the rod and rotating them round the rod, so at the same time the re-bar or wire rod is fed through the machine and perfectly straightened.



**Our straightening method ensures better straightening quality, than any other machine, and consistency, which is something that can not be found in the competition, since continuous wear of the dies, or the conventional rollers, can not be avoided.**

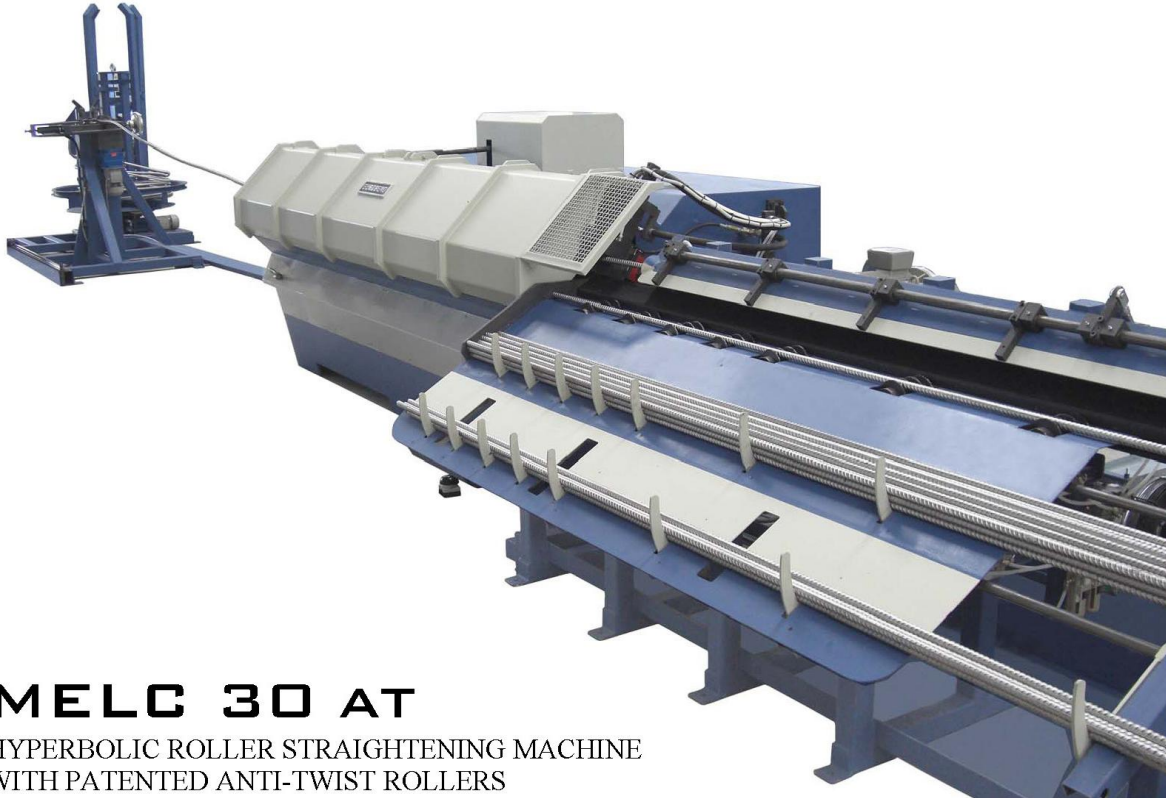
**Eurobend SA has developed and is now using the 4<sup>th</sup> Generation of Rotors and has straightening and cutting machines up to Ø30 mm.**



### MELC 30 AT

HYPERBOLIC ROLLER STRAIGHTENING MACHINE  
WITH PATENTED ANTI-TWIST ROLLERS

- Equipped with our 4<sup>th</sup> Generation 8 Roller Rotor system produces bars with excellent straightness without any scratches or markings on the wire surface.
- Twist control roller system, to avoid twisting of the bars during the straightening procedure (Patent).
- Powered by electric motor, controlled by inverter, ensuring soft start, smooth operation, easily adapted to the required productivity.
- Powered pay off station and automatic coil feeding system for processing big diameters.



## MELC 30 AT

HYPERBOLIC ROLLER STRAIGHTENING MACHINE  
WITH PATENTED ANTI-TWIST ROLLERS

The MELC straightening & cutting machines are available with NC or CNC controls, equipped with bar aligning collection system and other peripheral devices & additional features according to the customer's specific application.



**DE-COILING STATION  
WITH AUTOMATIC COIL OPENER AND  
POWERED PRE-STRAIGHTENING ROLLERS**