



ELEXO

BY OMEC ENGINEERING

# series FX3.3

120 | 128 | 136 | 144 | 150 | 170  
complete single pre-bending  
3-roll plate rolling machines



DEMO  
VERSION



# series **FX3.3**



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The **series FX3.3** marks the mechanical 3-roll asymmetrical plate rolling machines with complete single pre-bending. The side roll (bending roll) is standard assembled with steel supports and bearings to guarantee greater reliability and minimum friction over time. The roll rotation of these machines is applied to the upper and lower rolls using a self-braking motor coupled with a reducer. Motorized plate pinching is performed by the lower roll using a straight up and down movement.

An interesting application also provides variable roll rotation speed adjustment with the use of an INVERTER. By reducing the speed during the initial plate deformation phases, this application allows for greater control and better results and, for large diameters, process time savings.



Another application has a larger opening between the upper and lower rolls. Compared to the traditional machines, this allows small square or rectangular tubular structures to be shaped from low gauge plate. Equipped with Tempered rolls, Cone device, and Motorized plate pinching, the FX3.3 series is an excellent compromise in quality and economic processing, as well as being easy to use.



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