Industry Presentation

Title: **Vecchiato Straightening machine**

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Speaker: **Bertoldi Luca**

Company: **Vecchiato Officine Meccaniche**

My name is Luca Bertoldi and I am the sales director of Vecchiato comapny. I have more than 20 years of experience in the steel sector.

Abstract:

Vecchiato Officine Meccaniche srl manufactures automatic straightening systems for bars, flat and square products, rolled or forged rails of varying dimensions according to customer requirements.
The straightening process is fully automatic. The straightening machine detects through sensors the points where the material needs straightening, the information is processed and the best straightening sequence is determined.

Machine operation
Positioning the bar to be straightened on the loading bench
Laser scanning along the entire length of the bar
Measurement and determination of the position and size of the straightening blows to be applied using powerful software
Gripping of the bar by the manipulator and start of automatic straightening of the bar
The machine can work in two modes
assisted mode (semi-automatic)
automatic mode