THE MACHINE Laser Welding Line for Metal Tubes and Thin Pipes

Complete line made in 2015, installed but never never used.
Designed to produce metal tubes and thin precision pipes for OPGW and FIST cables (Optical fibers). It is working from raw optical fibre unwinding and feeding to finished tube coil drum winding.

Line composition:

- 2 tape pay-offs (metal tape unwinders)
- 1 Pad manipulator and lifting device
- 1 tape accumulator – located on dedicated mezzanine frame work with tape deviations
- 1 cross laser welder
- 1 tape deviation system
- 1 longitudinal forming and laser welding station
- 1 online welding seam control
- 1 calibration station
- 1 edge trim cutter
- 1 scrap cutter
- 1 central line control

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