

ATTL HIGH SPEED LASER WELDING TUBE MILLS



@director: Hey boss, give me another job, this machine makes it itself!

We provide a complex solution in the field of development, design, manufacturing, assembly, installation and maintenance of laser welding tube mills. For the welding process, we use modern fiber laser welding units from renowned brands, especially Trumpf. Our machines are suitable for production of stainless steel tubes from austenitic as well as ferritic grades, but they can also be used for production of zinc steel and black steel profiles. The main advantage of our mills is high speed of production, that can reach up to 40 m/min. Our customers are companies with wide range of specializations, mainly from automotive, heat exchanger and furniture industries. With us, they can always find a personal approach and customized solutions based on their specific needs.



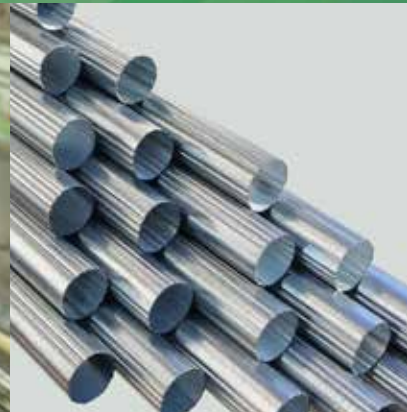
Bright annealed laser welded stainless steel tubes for all types of industries



Austenitic stainless steel tubes for automotive industry



Ferritic stainless steel tubes for heat exchangers industry



Zinc steel tubes for furniture industry



ATTL LASER WELDING TUBE MILLS

SMALL SIZE – Speed up to 20 m/min



Attl LASER WELDING TUBE MILLS



Innovative technology



Customized Solutions



High productivity

Parameters

- » Tube Diameter: 6 - 30 mm
- » Wall Thickness: 0,2 - 1,0 mm
- » Material: Ferritic and Austenitic Stainless Steel, Zinc Steel
- » Tube Lengths: Standard 1 - 8 m, or per request
- » Welding Speed: 10 - 20 m/min
- » Laser Welding Power: 1 - 4 kW
- » Mill Length: 15 - 25 m



Double Strip Uncoiler



Forming Section



Laser Welding Unit



Calibration Section



Orbital Laser Flying Cut-Off Unit

LARGE SIZE – Speed up to 40 m/min



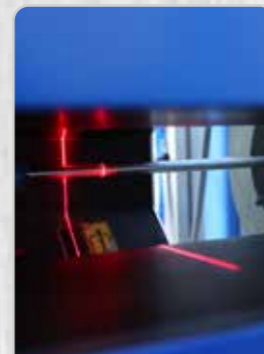
Attl LASER WELDING TUBE MILLS



Nonstop Production thanks to Strip Accumulation



High-Speed Laser Welding



Continuous Quality Control - Profilometer and Eddy Current Unit



Maintenance-Free and Precize Laser Flying Cut-Off



Possible Recoiling of Produced Tube

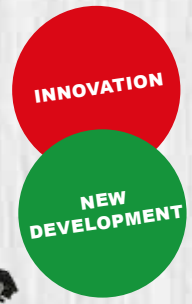
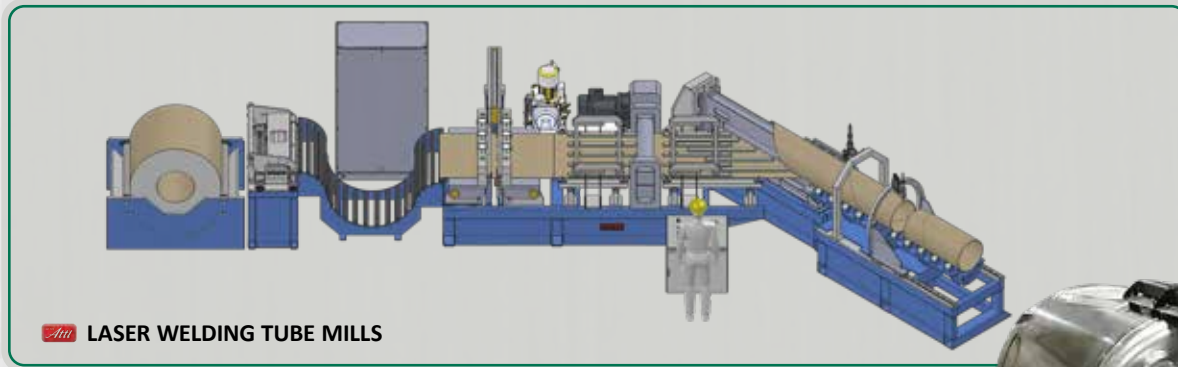
Parameters

- » Tube Diameter: 6 - 51 mm
- » Wall Thickness: 0,3 - 2,0 mm
- » Material: Ferritic and Austenitic Stainless Steel, Zinc Steel
- » Tube Lengths: Standard 1 - 8 m, or per request
- » Annealing: Yes (optional)
- » Welding Speed: 12 - 40 m/min
- » Laser Welding Power: 2 - 8 kW
- » Mill Length: 25 - 60 m



SPECIAL SPIRAL WELDING MACHINE FOR LARGE DIAMETERS

Speed up to 10 m/min



Parameters

- » Input Strip Width: 1000 mm
- » Tube Diameter: 400-800 mm (from single input strip width)
- » Wall Thickness: 0,6-1,2 mm
- » Material: Ferritic and Austenitic Stainless Steel
- » Tube Lengths: Standard 0,5-6 m, or per request
- » Welding Speed: 10 m/min
- » Output Production Speed: 5 m/min
- » Laser Welding Power: 4 kW



COMPANY HEADQUARTERS:

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Attl a spol. Ltd. is a steadfast, prosperous company in the field of product development and construction of roll forming mills and machines for the production of open and welded thin-walled profiles. A separate, yet significant, division of our company is the production of parts for the automotive industry. Our company motto is to go our own way of constructing products with an emphasis on the quality of the final result.

