

FIBERTOME



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dedicated brochure.



FIBERTOME is a 2D flatbed **fiber laser cutting installation**, with a highly innovative solution using a 2 kW fiber laser

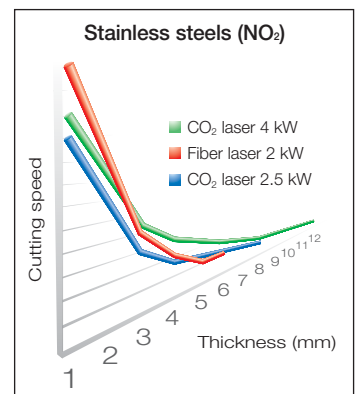
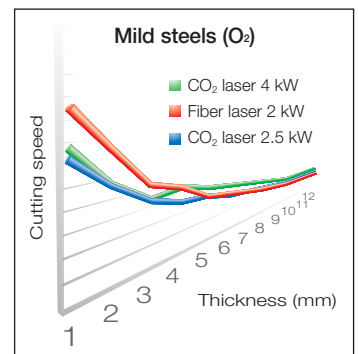
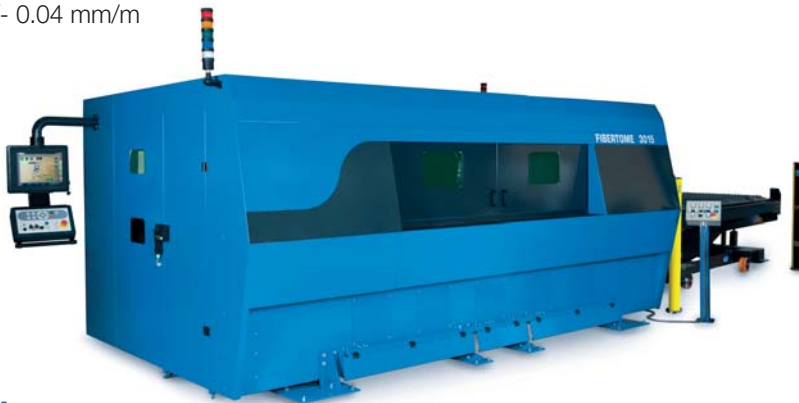


Market segments

- Automotive industry
- Job shops
- Machining
- Metallic furniture

Main features

- Cutting and marking steel sheets with standard dimensions of 3000 x 1500 mm
- Maximum thicknesses:
12 mm for mild steels, 5 mm for stainless steels and 4 mm for aluminium
- Acceleration: 1g - maximum speed: 100 m/min, the installation mechanics ensure a location precision of +/- 0.05 mm/m with a repeatability of +/- 0.04 mm/m
- Friendly and easy to use HMI (Human Machine Interface) with a touch sensitive screen
- Efficient nesting software to optimise the cutting process
- High performance shuttle table system to allow fast loading and unloading of steel sheets



Benefits

Compared to a CO₂ laser, the energy efficiency of this fiber laser cutting installation brings advantages which make the difference:

- noticeable reduction in operating costs due to the decrease in electrical consumption and the absence of lasing and protection gas in the optical path of the laser,
- reduced maintenance costs, no need for a turbo-compressor, or mirror adjustments during operation,
- significant increase in cutting speed for equivalent power,
- reduced floor space required.

