



The new LS7 by BLM GROUP presented at EuroBLECH: a benchmark in sheet laser cutting

BLM GROUP presents their newest sheet laser cutting system at the Hanover exhibition, showcasing its wide offering within laser cutting.

Hanover, October 2022 – EuroBLECH 2022 is the ideal venue to present the latest innovation of BLM GROUP, the new LS7, whose cutting speed and accuracy are key strengths. The system offers high productivity and ease of use and is provisioned with all the features characteristic of premier systems of its class.

LS7: the new sheet laser cutting system by BLM GROUP

BLM GROUP, the undisputed leader in the tube processing world with a long-standing tradition also in sheet system production, presents with LS7, a new, fully redesigned and optimized system to process sheet metal that makes a clean break with the recent past of ADIGE-SYS featuring combined systems to process sheet and tube.

“The structure, technology and functionality of LS7 takes BLM GROUP’s 30 years of experience and shapes it into an innovative and reliable system. LS7 will be appreciated by companies needing a high-quality system, with excellent performance, at a reasonable price,” declares Mauricio Gutierrez Matta, Global Business Development Manager - Sheet Metal Lasers BLM GROUP. “The goal was to supply superior performance at the lowest possible price and it has been achieved by focusing on sheet metal cutting functions only and eliminating all the elements previously necessary to integrate tube processing. In an increasingly competitive market, the part cost is a fundamental aspect and it is necessary to have the right machine for each specific production process. Only in this way can costs be truly optimized”.

Main characteristics of LS7

The LS7 was designed as an entry-level product in the high-end system segment, i.e. a product with all the features and functionality of a high-end system, but at an attractive price. It has a conventional aluminium mobile gantry structure actuated by a rack and pinion system, which slides on a very strong metal structure, filled with polymer concrete to ensure high rigidity even with high accelerations up to 2G.



Cutting area: The cutting area has been designed to protect the bellows from the glowing sparks thrown in all directions, especially during piercing. Access is only from the short side and the entire machine remains completely enclosed for safety reasons related to the fibre laser source. The cutting process can be viewed by means of a camera, the image of which is visible on the operator console, on an additional external monitor and also remotely.

Pallet change in 9 seconds: The pallet change takes place on the long side in only 9 seconds thanks to a smart mechanical solution anticipating the simultaneous exchange of the two tables. Handling is fully electric, without pneumatic or hydraulic actuators.

Versions: LS7 is available in both 3.000 x 1.500 and 4.000 x 2.000 versions. Additional options include many loading-unloading automation solutions with one or two towers.

Plug&Play: The system is designed for easy transport. Installation takes just one week, including training.

At EuroBLECH, along with our newest product, the LS7, BLM GROUP is also exhibiting a wide range of its technological solutions:

- ✓ LT8.20, the most complete Lasertube of them all
- ✓ LS5: the sheet metal laser cutting machine, ideal for unmanned operation 24 hours a day, 7 days a week

LT360: the extremely flexible and compact robot laser cutting cell equipped with a complete service portfolio.

For more information:

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PRESS RELEASE



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BLM GROUP is the global partner for the entirety of tube and sheet metal processing with a worldwide presence and thousands of applications:

- BLM S.p.A., based in Cantù (CO), Italy, is specialised in the production of CNC tube bending machines, tube forming machines, measuring units and devices for automated integration.
- ADIGE S.p.A., based in Levico Terme (TN), manufactures systems for laser-cutting tubes and machines for disc-cutting tubes, solids and sections. The range is completed by brushing machines, measuring systems, washing systems and collectors.
- ADIGE-SYS S.p.A., based in Levico Terme (TN), specialises in the production of "mixed" laser-cutting systems for cutting tubes and sheet metal, systems for laser-processing large-sized tubes and end cutting and removing lines for tubes and bars.

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