

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

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UCIMU-SISTEMI PER PRODURRE



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VERSATILITY, PRECISION AND RELIABILITY: THE LATEST GENERATION OF LASERTUBE, LT12 ALREADY BOASTS GREAT SUCCESS AMONG CUSTOMERS

BLM GROUP's Lasertube LT12 is not just a new laser cutting system, but a true convergence of technology and innovation, and immediately won over customers with its versatility and high performance. Product Manager Gianbattista Mazzoleni describes LT12 and its features in detail.

Why a new system?

“The goal of this new system is to fill a gap in our Lasertube system offering, which is manifested between two products: the LT8.20, which focuses on flexibility and performance, and the LT14, which is dedicated to processing long and heavy profiles. LT12 was created precisely to give many customers the opportunity to process 'light' tubes with great performance, but also to be able to process larger tubes when needed”.

What sectors is LT12 aimed at?

“A very interesting sector is agricultural machinery. We see great opportunities since square tubes, rectangles, and even open profiles including “C,” “L,” and “H” profiles whose size easily comes to around 300 mm diameter-exactly the size range of the LT12. Of course, this new product is also very interesting in light construction architecture, for making canopies or small sheds, with tubes or beams up to 6-8 mm thick and lengths typically longer than the traditional 6 m”.



What are the main features of the LT12?

“LT12 has the **interpenetrating mandrel** in the chuck, so that minimal scrap is guaranteed without the need for chuck or mandrel movement. Especially on large tubes, this results in time savings in the scrap reduction stage and is consistent with the desire to have a larger machine, but with excellent processing time performance. LT12 is equipped with a chain loading system for tubes from 8.5 m up to 12.5 m, fully automatic unloading can reach a length of 12.5 m. In addition to a clever mix of the smart template systems and chain-controlled tracking supports that characterize the LT8.20 and LT14, a special **inverted smart template** has been added that operates from above to hold the tube in place, reducing wear and tear on the support itself. The **focusing head** is another special feature consisting of a Tube Cutter with a longer focal length that allows it to process higher thicknesses than the LT8.20 (the machine can process tubes up to 62 kg/m in weight) and is able to tilt up to 50° from vertical, a full 5° more than the LT8.20 and LT14. Active Piercing and Active Focus, which we now take for granted on our machines, complete the picture of a cutting system that provides precision, speed and flexibility. Finally, the machine has excellent **accessibility** and a relatively small footprint compared to the LT14 and is equipped with 4 cameras, which are necessary to see the cutting area that is inaccessible due to the fiber source, allowing complete visibility of the entire workpiece being processed”.

www.blmgroupp.com/en-us/

The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

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