**New LT6 Tube Laser with 3D Cutting Head Improves Efficiency and Precision**

* Cost effective machine for cutting tubes from 0.5” to 6” diameter
* Cuts round tubes, squares, rectangles, open profile and special sections
* Processes tubes and profiles up to 12 lb/ft in weight

**Chicago, Ill., September 8, 2025** – [BLM GROUP USA](https://www.blmgroup.com/en-us/blm-group-usa) has expanded its tube laser offering with the introduction of the [LT6](https://www.blmgroup.com/en-us/lasertube/lt6), a lightweight, entry-level model offering full 3D cutting capabilities. Based on success of its popular LT7 tube laser, BLM GROUP recognized the value of offering similar high-performance features in a more compact machine with a smaller footprint and at a lower entry cost. It is an ideal solution for industries such as furniture and aerospace working with lighter tube sections that can benefit from the precision of 3D cutting. This new tube laser can cut tubes from 0.5” to 6” diameter that are up to 12 lb./ft. in weight.

“We are excited to offer our customers a new option in 3D laser cutting at a cost-effective price point, while still providing them the exceptional quality they’ve come to know from BLM GROUP machines,” said Robert Adelman, head of product group at BLM GROUP. “The LT6 is an excellent solution for customer to gain precision and efficiency in their cutting operations.”  
  
The LT6 tube laser provides customers with the flexibility to cut seamless miters and joints, whether for aesthetic appeal or to ensure full weld penetration.

The machine also includes an automated thread insert feature, ideal for fabricators working with tube walls too thin for traditional tapping. This integrated process results in finished parts that are ready for painting, with no additional steps required. Compared to friction drilling, the threaded insert method is not only faster but also delivers stronger threads – without the risk of damaging expensive tooling. The addition of the BLM GROUP exclusive Active Tilt provides faster cutting and marking speeds by rapidly moving the laser head instead of the tube during processing, resulting in greater productivity and higher tolerances.   
 **Compact layout and extreme configurability**The LT6 tube laser includes all quality-of-life features of modern tube lasers in a flexible, smaller package that facilitates material handling and optimizes production flow. The machine can manage loading and processing tube bundles using its automated bundle loader, while also offering the flexibility to load manually directly into the working line to minimize production delays. After processing, the LT6 has three unload destinations available to help sort parts, providing excellent versatility for large part mixes. In addition, the machine has been designed with large sliding doors that provide clear access to the working line and cutting area, while keeping operators safe and clean.

**BLM GROUP proprietary technologies**

The LT6 tube laser features exclusive software to improve productivity and quality:

* **Active Scan**: Scans tubes for abnormalities, like twist and bow, and makes automatic adjustments.
* **Active Weld**: Scans tubes for weld seams and makes automatic adjustments.
* **Active Focus**: Performs automatic adjustments of the focus position during job changeovers to ensure high performance and quality.
* **Thread Inserts**: A unit that automatically installs threaded inserts in 12 seconds
* **Clean Tube**: A feature that prevents splatter from sticking to the internal face of the tube, ensuring a clean tube.

**Programming made easy**As with other BLM GROUP tube lasers, the LT6 is programmed using the ArTube state-of-the-art, industry-leading CAD/CAM software. ArTube simplifies the process of importing 3D models, as well as drawing or modifying individual parts or complete assemblies for tube laser processing. Designed specifically for tube laser applications, the software allows programmers to create cutting programs with just a few clicks. It also features built-in automation that can generate part programs in the background – completely hands-free – saving time and reducing manual effort.

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**About BLM GROUP**

BLM GROUP is a global leader in tube and sheet metal machine solutions. Its product portfolio includes tube lasers, 5-axis lasers, sheet lasers, press brakes, tube benders, wire benders, end-formers and cold saws. The company has more than 60 years of experience and thousands of applications globally and serves customers in the United States and Canada from its North American headquarters, located in Novi, Michigan. Visit [BLMGROUP.com](https://www.blmgroup.com/), call 248-560-0080 or email [sales@blmgroupusa.com](file:///C:\Jon's%20Folder\2-Public_Relations\Press_Releases\sales@blmgroupusa.com) for machine information.

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