***For Immediate Release*  
  
BLM GROUP Demonstrates Versatility of LT7 Tube Laser at FABTECH 2024**

* BLM GROUP exclusive Active Tools automatically optimize processes
* Real-time demonstrations showcase the versatility of the machine
* Optimize productivity with automatic changeovers and thread insertion

**Orlando, Fla. October 15, 2024 —** BLM GROUP is demonstrating an [LT7 Tube Laser](https://www.blmgroup.com/en-us/lasertube/lt7) with a 5-kW laser and exclusive thread-insertion technology at FABTECH 2024 in booth S22061. This versatile and productive machine features a 3D-tilt cutting head and can perform high-precision angular cuts in round, square and rectangular tubes, as well as open profiles and special sections from 0.5” to 6”, up to 15.5 lbs/ft.

At the show, the LT7 will demonstrate its capabilities on:

* 4” Square Aluminum (0.375” wall thickness)
* 2" Square Stainless Steel (0.058" wall thickness)
* 3" Angle Mild Steel (0.5" wall thickness)
* 2" Round Mild Steel (0.083" wall thickness)
* Aluminum Extrusions, highlighting high-pressure dry air, tilt cutting and more

Key to the machine demonstrations is the application of the BLM GROUP exclusive [Active Tools](https://www.blmgroup.com/lasertube/active-tools) including Active Scan that compensates for material inconsistencies, Active Weld for automatic weld seam placement and Active Tilt to increase cutting speed on smaller profiles – all of which help the machine automatically adapt process parameters to optimize results. Based on decades of laser cutting experience, BLM GROUP designed these tools to produce high-quality parts repeatably and independently of the operator’s experience level.

In addition, the LT7 Tube Laser is automatically ready for production changeover as the loader, spindle, steady rest and intermediate supports adapt to the new section to be cut, without interrupting the production cycle. BLM GROUP has enabled the system to be paired with automated loading and unloading, as well as an optional thread insertion unit. This proprietary technology automatically places and press fits the thread insert to ensure accurate positioning while delivering maximum thread engagement and optimizing rigidity, repeatability and speed.

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A group of machines with wheels

Description automatically generated

BLM GROUP is demonstrating LT7 Tube Laser at FABTECH 2024 in Orlando.

**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\2024.08.xx-FABTECH_Orlando_Pre-show_Release\Final\sales@blmgroupusa.com) for machine information.

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