***For Immediate Release*  
BLM GROUP Demonstrates Speed and Quality of Tube Benders at FABTECH 2024**

* E-TURN52 left- and right-hand bends showcase versatility, high quality and efficiency
* SMART is an automated solution for metal tubes of any material type including hybrid tubes
* ELECT102 keeps productivity flowing as a configurable, reliable and powerful bender

**Orlando, Fla. October 15, 2024 —** BLM GROUP is demonstrating their E-TURN52, ELECT102 and SMART all-electric tube benders that will perform a variety of challenging bends to showcase the speed, quality and extensive capabilities of the company’s tube bender lineup.

At the show, the benders will be performing:

* **E-TURN52**: 1 ¾” 304 stainless steel left- and right-hand drawbending with variable radius, using hole detection on pre-cut and etched features on the LT7
* **SMART**: ¾” 304 stainless steel left- and right-hand drawbending, using hole detection on pre-cut and etched features on the LT7
* **ELECT102**: 3 ½” right-hand drawbending with variable radius and hole detection on pre-cut and etched features on the LT7

Key to the bender demonstrations is the application of the BLM GROUP proprietary **VGPNext** **software** that automatically calculates tube springback and elongation to get parts right from the first bend via simple and user-friendly CAD/CAM programming. In addition, the 3D bend simulation functionality knows the machine details, so it can quickly estimate the cycle time to avoid collisions and other complications that may arise during the bending process. Utilizing the software together with ProTube and other ERP software unlocks the full potential of Industry 4.0, delivering a streamlined part solution for the tube cutting and bending processes.

The **E-TURN** offers versatility, high quality and efficiency through its left- and right-hand in-process bending functionality. Fast and efficient, the machine can make even the most challenging parts in a single work cycle with high repeatability and quality bends that get the part correct from the start. Simple for operators of all experience levels, this machine is designed to be reliable, safe and easy to use to keep the machine always operational.

The **SMART** utilizes 9 electric axes to perform left- and right-hand fixed and variable radius bends with single or stacked tooling. The loader can be installed on the left or right side of the machine and is entirely self-sufficient for automatic operation. With automated load and unloads via proprietary swing-head design, the system is an automated solution for metal tubes of any material type, hybrid tubes with flexible elements and pre-assembled tubes with formed ends.

The **ELECT** is a configurable, reliable and powerful bender that keeps productivity flowing. Robust, fast and efficient, this machine is ideal for integration in an automated manufacturing cell. Capable of performing fixed and radius bends on tubes with any cross-section, this machine provides unlimited possibilities even for end-formed and flanged tubes. This machine is also designed to be a reliable, safe and easy to use workhorse to pump out accurate bends for high repeat parts.

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BLM GROUP is demonstrating their bender lineup 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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