**BLM GROUP Introduces New ProBend HBS II Robotic Bending Cell**

* A customizable solution for any part mix
* Fully automated workflow to increase productivity
* Single software for programming and real-time synchronization between both the robot and press brake

**Chicago, Ill., September 8, 2025** – [BLM GROUP USA](https://www.blmgroup.com/en-us/blm-group-usa) has announced the availability of its new [ProBend HBS II robotic bending cell](https://www.blmgroup.com/hubfs/Temp_BG%20USA/ProBend_HBS_II(5-6-2025).pdf), a completely customizable bending solution for any part mix metal fabricators need to form, regardless of size.

“The ProBend HBS II gives our customers the flexibility they need in their forming operations, even those with high product mixes, which is unique in the marketplace” said Israel Arenas, product specialist for press brakes at BLM GROUP. “Through our extensive research and development, we are confident that this new machine will help our customers take their production to the next level.”

BLM GROUP engineered the ProBend HBS II to provide high-speed bending guided by an integrated Sheet Following System. This system offers real-time synchronization between the robot and the press brake and adjusts movements dynamically to ensure precise bends and minimize scrap or defects. Designed with productivity and precision in mind, this new bending cell also provides a fully automated workflow. From sheet loading and bending to palletizing, the ProBend HBS II manages the entire process with minimal operator intervention, helping reduce labor costs and the opportunity for errors.

This compact cell includes flexible and adaptive gripping by way of multiple robot grippers that offer quick-change capabilities. This allows for seamless handling of various workpiece sizes and geometries. Equipped with an automatic auxiliary loader, centering table and thickness control system, the ProBend HBS II accurately positions the sheet and prevents double-sheet processing that can lead to costly defects.

The ProBend HBS II is simple to use, allowing operators of any skill level to run the machine. It includes a 17-inch touchscreen supervisor PC that is intuitive to use, along with a Teleservice Module that enables remote diagnostics and support.

**Programming software**

Intuitive simulation tools and integrated software make programming the ProBend HBS II a straightforward process.   
  
To improve efficiency and provide seamless connectivity, the ProBend HBS II features SimulEasy 1.0 offline programming software that can program the robot and press brake simultaneously. This

software provides capabilities such as press brake set up, robot path generation, and simulation and error detection. Operators can also createoptimal robotic movements for part handling, define tooling, verify bends and adjust bending styles and part orientations to ensure safe movements with one software.

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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.

**Editorial Contacts**

**BLM GROUP USA**

Jon Todd

Marketing and Public Relations Manager

248-216-6272

[j.todd@blmgroupusa.com](mailto:j.todd@blmgroupusa.com)

**Agency**

Monica Birdsong-DeBrot

Industry-Scope

414-446-4019

[mdebrot@industry-scope.com](mailto:mdebrot@industry-scope.com)