



# The Power of Partnership.

“Amada’s technology, expertise, and commitment took our business to the next level.”

— Jim Lauer, President  
Weaver Precision Fabrication & Finishing



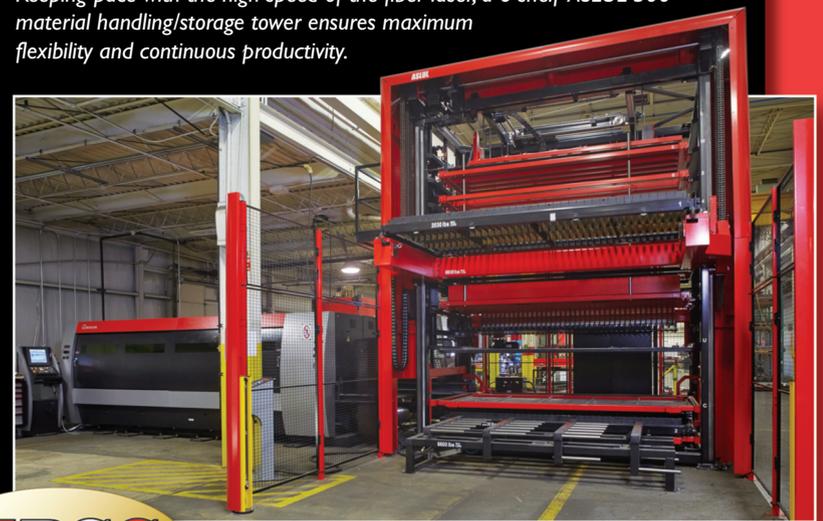
Co-Owners: Marian and Jim Lauer, Weaver Precision Fabrication & Finishing

## Integrated Solution: Fiber Laser Technology, Automated Material Handling/Storage and Advanced Bending

Located in Akron, OH, Weaver Precision Fabrication & Finishing has been successfully competing in the metal fabrication industry for over 70 years. Since purchasing the business in 1998, Co-Owners Jim and Marian Lauer, have instituted a lot of changes. The most significant change: investing in advanced technology enhanced by automation — in other words, partnering with Amada. Jim Lauer expressed it like this: “We needed to get high quality parts out the door in a hurry. Our aging laser was working 24/7 and not keeping up with the demands of our shop. We were limited... and we hate to be limited. After carefully studying all of our options, we chose Amada.”

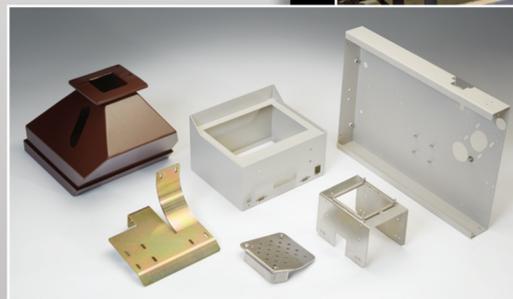
Amada’s solution includes an FLCAJ 3015 fiber laser, an ASLUL 300 automated material handling/storage system and an HG 1303 (a 143-ton, down-acting, hybrid drive press brake). The FLCAJ’s innovative, 3-axis linear drive system delivers unmatched speed and accuracy. According to Lauer: “The ASLUL provides an integrated lights-out solution for automated material handling/storage, allowing us to take full advantage of the fiber laser’s speed and versatility.” Marian Lauer adds: “Amada’s leading-edge equipment and customer-centered approach immediately put us at ease about making a switch. Now, we can leverage the speed and unique capabilities of the fiber laser to better serve our existing customers and quote work that previously was not a fit for us.”

Keeping pace with the high-speed of the fiber laser, a 6-shelf ASLUL 300 material handling/storage tower ensures maximum flexibility and continuous productivity.



## Amada’s industry-leading technologies and automated systems ensure:

- **Expanded Capabilities** (In addition to cutting mild steel four to five times faster than their old CO<sub>2</sub> laser, the FLCAJ expands Weaver’s process range by quickly and precisely cutting materials such as aluminum, copper and brass).
- **Unmatched Precision** (The HG 1003 is an ultra-high precision and high-speed bending system. An advanced Dual Servo Power drive system provides the ultimate in bending control and accuracy for a full range of thin-to-thick materials).
- **Maximum Flexibility** (The ASLUL’s 6-shelf configuration allows Weaver to quickly and easily switch between dissimilar materials and different gauges. The HG’s large open height of 20.5" and stroke length of 9.8" ensures maximum bending versatility).



A user-friendly, AMNC 3i touchscreen control and offline programming, ensure speed and accuracy for any level operator. The HG also analyzes and adjusts part angles automatically, eliminating test pieces and scrap.

Reflecting on the decision to partner with Amada, the Lauers add: “Amada did much more than sell us equipment. They restructured our entire manufacturing process to ensure maximum productivity. Prior to working with Amada, we had never encountered a machine tool manufacturer that cares about their customers as much as we care about ours.”

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