



“For nearly 90 years our business has grown by exceeding our customers’ expectations. From quote to install, Amada exceeded ours.”

— Greg De Caster, CEO
Badger Sheet Metal Works



200% Increase.

“AMADA INCREASED THE VOLUME OF PARTS FLOWING TO OUR FABRICATION FLOOR BY OVER 200%.”



Established in 1923 on the foundation of providing customers with the utmost in quality and service, Badger Sheet Metal Works has steadily grown to become one of the Midwest’s premier sheet metal fabricators. However, Greg De Caster, the company’s CEO and a third generation owner of the family run business, was facing difficult challenges. De Caster put it in these terms, “Our aging equipment couldn’t keep up with the pull we were experiencing from our fabrication floor. We were no longer making state-of-the-art technology available to our customers and they deserved better. We needed to increase capacity and partner with a technology leader in order to automate both production and setup.”

De Caster turned to Amada to custom-engineer an integrated solution consisting of an FO 4020NT laser equipped with an automated load/unload system and two networked, Hybrid Drive System (HDS) press brakes. According to De Caster, his decision to partner with Amada is paying off. “We’ve increased the thickness capacity of what we can cut by 50%. And, we’re no longer starving our fabrication floor because Amada has resolved bottlenecks in our laser and bending areas.”

Amada’s automated networked solution enabled Badger Sheet Metal Works to:

- **Increase capacity** (Equipped to process full 6.5’x 13’ sheets, the FO 4020NT is engineered to reliably and economically cut a wide variety of materials in a full range of thicknesses).
- **Reduce lead time** (The laser’s user-friendly network control, cartridge style lens, and one-touch nozzle reduce setup. By incorporating an AMNC-PC control on the laser and two press brakes, Amada provided continuity which facilitates employee cross-training and greatly simplifies setup. The intelligent, network control also enables extremely efficient offline programming).
- **Manage workflow and reduce costs** (The networked laser and two NT press brakes, combined with an advanced automation system, enable automated setup while streamlining overall workflow. These efficiencies provide for quick turnaround and lower part costs regardless of lot size).



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