

AMADA AMERICA, INC.

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“The 9kW ENSIS fiber laser saves us over 2 hours a day – simply by eliminating setup.”

— Guy Schiefelbein

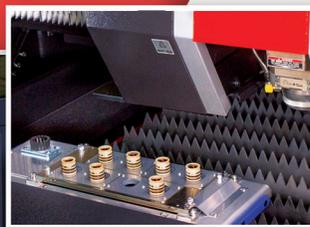
Front Row: (from left to right) Dylan McKinney, Fabricator
Guy Schiefelbein, President • Mike Sather, Programmer/Lead Man
Back Row: Tom Johnson, Fabricator • Jesse Schiefelbein, Laser Specialist

Five-Man Shop. Two BIG Advantages.

“We’re known for quality and quick turnaround. We don’t advertise, we don’t knock on doors. Instead, people come to us — because we utilize state-of-the-art technology,” declares Guy Schiefelbein, President of All-Fab Inc. in Milton, Wisconsin. All-Fab’s latest investments in AMADA technology, a 9kW ENSIS fiber laser and an HG 2204 ultra-high precision press brake, are now redefining manufacturing flexibility and efficiency at the thriving company.

- **9kW ENSIS Fiber Laser Cutting System:** On a daily basis, All-Fab processes a huge variety of materials and thicknesses; thin-to-thick stainless, thin-to-thick aluminum, spring steel, and more. ENSIS technology enables All-Fab to cut all of these materials without a lens change or additional setup — saving on average over 2 hours a day. Previously, All-Fab was achieving a 16-second pierce time in 3/4" material. Now, it’s about a second. Rapid pierce and high-speed cutting also fit well with All-Fab’s flow of low-volume and high-mix.
- **HG 2204 High-Speed, High-Precision Press Brake:** An innovative drive system combines fast cycle times with exceptional accuracy enabling All-Fab to produce more parts per hour. Productivity is further enhanced because Dr.ABE_Bend Software enables All-Fab to verify parts offline in a 3D environment, thereby eliminating machine idle time. The HG also ensures maximum bending versatility by providing uncompromising accuracy for small complex parts and larger parts with bend lengths up to 169".

Reflecting on partnering with AMADA, Guy Schiefelbein adds, “Their machines and service are impeccable. A shop our size can’t afford to be down. When we call AMADA, we get someone in here within 24 hours. AMADA has never let me down and continues to be an invaluable partner in All-Fab’s success.”



(Above) ENSIS Technology infinitely changes the laser beam mode to process thin-to-thick materials without a lens change or additional setup. Automatic beam mode adjustments are made based on the current cut conditions selected on the AMNC 3i control, and nozzles are exchanged, cleaned, and calibrated automatically.

(Left) Response time is essential for a small shop. The HG 2204 enables All-Fab to quickly and easily switch between processing large panels to small complex parts because it’s equipped with automatic bend angle sensors, a large user-friendly touch-screen control, and the highest processing speeds available.



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