

AMADA AMERICA, INC.

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“Our green-light-on time increased from 30% to 80%.”

— Ed Zerjav



John Zerjav, Vice President (left) and Ed Zerjav, President of Vernier Metal Fabricating, Inc.

Combination Technology. Advanced Automation.

Vernier Metal Fabricating (VMF) was incorporated in 1967. Founded by John Zerjav Sr., the company started in a 1-car garage in Bridgeport, CT. Today, VMF has evolved and grown to a thriving company that employs over 80 people — operating from a 55,000 sq. ft. facility on 12 acres in Seymour, CT. Serving a variety of customers in Medical, Security, Packaging and Machine Tool Industries, VMF fabricates a high-mix of small-to-medium size lots.

Committed to providing the utmost in quality while meeting customers' ever-increasing demands for shorter lead times, VMF partnered with AMADA to provide the optimal solution for their specific needs which includes the following machines.

- **ACIES 2515 AJ — A Highly-Automated Punch/Fiber Laser Combination System:** The ACIES AJ achieves unmatched productivity and scratch-free processing of complex sheet metal parts including forming and tapping. Equipped with a 4kW fiber laser, the ACIES AJ has expanded Vernier's range of capabilities to include the efficient cutting of brass, copper and Muntz metal. By automating tool changes and material handling, ACIES achieves continuous, high-speed processing — increasing Vernier's green-light-on time from 30% to 80%.
- **HG 1003 ATC Integrated Bending System:** AMADA's patented Automatic Tool Changer (ATC) enables Vernier to achieve 20 setups per shift instead of 4-5 per day — greatly increasing throughput. Even complex tool setups are completed in less than three minutes. The ATC's large tool capacity allows for quick and easy introduction of rush jobs while expediting setup for repeat jobs.

To summarize the power of partnership, Ed Zerjav adds the following thoughts, “In combination with outstanding machine reliability, AMADA has always been responsive to any service issues. This makes for a great partnership which is mutually beneficial for AMADA and VMF — as well as our customers.”



(Above: HG 1003 ATC) Complex bending is greatly simplified by the AMNC 3i control. The control and the Automatic Tool Changer (ATC) work together to make certain all tools can be staged at the same time. As a result, Vernier's operators can run more jobs in a single setup to optimize throughput.

(Left and below: ACIES 2515 AJ) is equipped with a high-speed AMNC 3i control with a large multi-touch control, 300-tool capacity storage rack, automated tool changer, a multi-shelf automated Tower material handling system, and a laser-etched tooling ID system to achieve 24/7 productivity and repeatable accuracy.



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