



Tom Mackessy, President (left) and Andrew Mackessy, Account Manager of Ometek, Inc.

“With the ACIES Punch/Fiber Laser our throughput is 3 times greater than our turret punch presses, and 50% more than our CO₂ punch/laser combination machine.”

— Tom Mackessy



A Tool Storage Unit can store up to 300 tools which are automatically replaced when a preset hit count is reached. In addition, AMADA’s laser-etched ID Tooling technology resolves tooling maintenance issues by digitizing the entire process.

Equipping The Next Generation.

“For nearly 40 years, AMADA has consistently provided the industry-leading technology needed for Ometek and our customers to succeed.” — Andrew Mackessy

Founded in 1977, Ometek Incorporated is a premier metal fabrication company located in Columbus, Ohio. The company specializes in precision sheet metal fabrication, precision machining, copper fabrication, engineering for manufacturability, and electromechanical assembly. By partnering with AMADA for nearly 40 years, Ometek has a proven history of exceeding their customer’s expectations for quality, price and on-time delivery.

Father and son, Tom Mackessy (President) and Andrew Mackessy (Account Manager), sought AMADA’s expertise in order to maximize Ometek’s ability to profit while meeting customers’ increasing demands of high-mix and low-volume production. AMADA provided the optimal solution — an ACIES 2515 AJ Punch/Fiber Laser Combination Machine paired with ASRN + PK + TK Automation.

Tom Mackessy, comments on the recent purchase and the partnership with AMADA, *“The ACIES is the ideal combination machine for the high-speed production of short run parts, especially those that incorporate forming. Now, we can complete several parts in a single setup and laser processing can occur as turret tools are automatically loaded. With the quality and innovation of their products, as well as excellent customer service, we will continue to depend on AMADA to provide leading-edge technology — for our current and future needs.”*



(Left) One of two HD 1003 Press Brakes with Automatic Tool Changers (ATC) provide the world’s fastest tool changes with optimal precision. (Center) With the ATC, Ometek’s longest setup time is 2.7 minutes for a part with 14 bends. Throughput has been a game changer — achieving 5 times the number of jobs per day on each of the HD ATCs compared to Ometek’s previous methods. (Far right) Equipped with a 6-shelf Automated Material Handling/Storage System, the ACIES 2515 AJ achieves 24/7 production. Automated single-part separation and sorting ensures the seamless introduction of rush jobs and short runs.

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