

AMADA AMERICA, INC.

180 Amada Court • Schaumburg, IL 60173
www.amada.com/america
877-262-3287



“Our bending setups
have increased
400% per day.”

— Jeff Elliott

Productivity. Precision. 24/7.

Superior Equipment Solutions (SES) began in 2001 in a 44,000 sq. ft. facility. Rapid and consistent growth resulted in SES moving to a 100,000 sq. ft. location in 2017. Today, the California-based company is headquartered in the City of Industry — manufacturing luxury commercial and residential food service appliances. Looking to leverage industry-leading technology as a means of maximizing manufacturing flexibility and productivity, SES partnered with AMADA to configure the optimal blank-to-bend solution consisting of:

- **EG 6013 AR Robotic Bending System:** The ideal, compact and high-speed solution for small, complex parts — eliminating the need for human operation and the associated risk of dealing with difficult-to-handle small parts.
- **HG 1003 ARs Fully-Integrated Robotic Bending System:** The combined forces of an ultra-precise press brake equipped with an Automatic Tool Changer (ATC) and a 7-axis robot to achieve maximum productivity and unattended processing.
- **ACIES 2515 AJ Punch/Fiber Laser Combination:** Incorporates the power of a 33-ton, multi-function turret punch press with the unlimited flexibility of a 4kW fiber laser.

Jeff Elliott, COO at Superior Equipment Solutions reflects on the success of AMADA's integrated blank-to-bend solution. “Automatic tool changes provided by the ACIES and both of the robotic bending systems not only speed setup, they have completely eliminated tool damage and the associated imperfections in finished parts. The EG AR's multiple part load/unload stations allow us to easily introduce rush jobs in the middle of a production run — maximizing our bending versatility. AMADA continues to provide SES with optimal solutions that resolve our specific manufacturing challenges. That's value-added partnership at its best.”



Jeff Bernstein, CEO and Jeff Elliott, COO
of Superior Equipment Solutions

To process medium-sized parts in a variety of lot sizes SES purchased an HG 1003 ARs — a fully-integrated robotic bending system with a 7-axis robot, automatic gripper changer and automatic tool changer.



The ACIES 2515 AJ achieves continuous processing through automated tool changes and automated material handling — including single part removal and stacking.



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