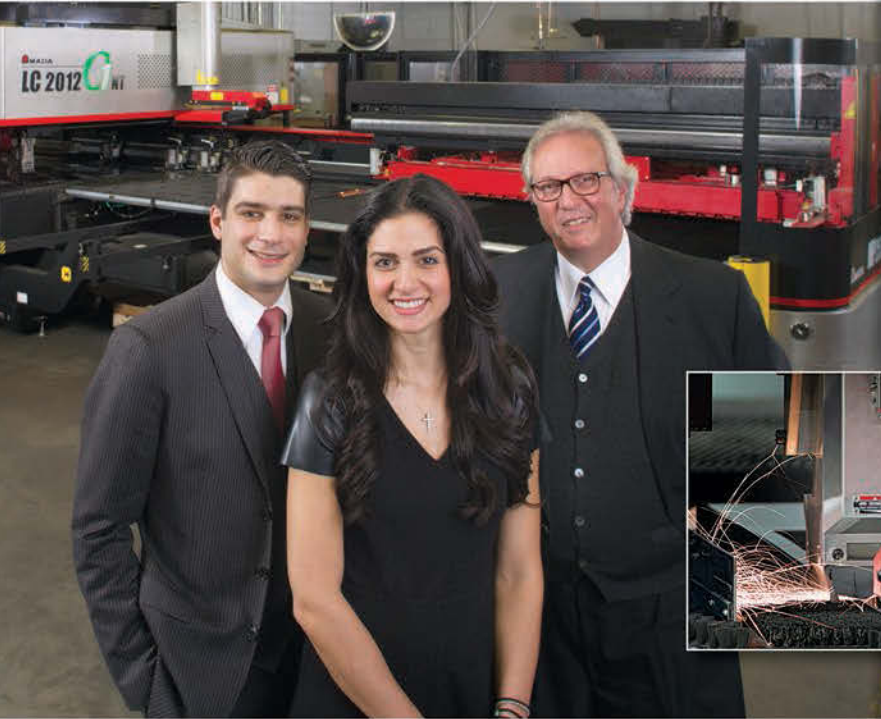




(far right) John Baker, President and Next Generation Owners, George Alexandrakis & Bella Baker Alexandrakis



NEXT Generation Technology.

“Amada’s punch/laser technology increased our production by 60%.”

— Bella Baker Alexandrakis,
Operations Manager
General A&E



General A & E’s next generation partners with Amada to grow through diversification and new technology.

General A & E is a precision light gauge sheet metal fabricator that’s been operating in Hackensack, NJ since 1954. The 25-employee, ISO 9001 and AS9100 registered shop is skilled to handle highly-complex aerospace work as well as more conventional commercial parts. As the third generation takes over the business, they face increasing customer demands for shorter lead times and a greater variety of parts. After a thorough analysis of their entire manufacturing process, Amada provided the optimal solution — the LC 2012 CI punch/laser combination machine equipped with automated loading and part sorting.

John Baker, General A & E’s President, comments on the new equipment. “The CI combines punching, tapping, forming and laser cutting into a single machine — allowing us to respond quickly to customers’ changing demands while reducing costs. As of today, the CI’s automated features allow us to run 3 days a week lights out for about 1 shift of work. And, we’re in the process of programming to extend that to 5 days. The Company’s Sales Manager and future co-owner, George Alexandrakis adds, “The CI not only expands our capabilities, it also allows us to operate our older equipment with greater efficiency. Since the CI is highly-automated, the same operator can run another turret punch press while the CI provides unattended punching, cutting, automated loading and part sorting.”

Amada’s punch/laser technology ensures:

- **Maximum Versatility** (a 49-station Multi-Purpose Turret reduces costly secondary operations by providing 4 tapping tool stations and 3 innovative die stations which lift to ensure scratch-free forming).
- **Maximum Productivity** (a 2.5 kW laser provides the power to blank virtually any shape in material up to 1/4" thick. Amada has synchronized the punching and laser cutting processes reducing changeover times to less than half of the industry average).
- **Maximum Efficiency** (The PR CI automatic part removal and sorting system takes productivity to a new level by automating the material handling process. Mounted on the machine frame to maintain a compact footprint, the PR CI automatically removes parts as small as 4" x 2" to as large as 20" x 20" and weighing up to 26.5 pounds).



To maximize productivity, the MP 25 I 2 CI automated sheet load/unload system can unload a sheet of tabbed parts (or scrap) and load a new sheet in approximately 45 seconds.



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