



Since opening its doors in 1963, Cambridge Metals and Plastics (located in Cambridge, MN) has become a leading manufacturer of high quality ATV, snowmobile & motorcycle parts and accessories. Serving both OEM's and aftermarket accounts, CMP is a full line manufacturer offering everything from product development and design engineering to complete steel fabrication, including stamping, tube bending, robotic welding and assembly.

In their search for a laser cutting system that delivers the repeatability and reliability to fully embrace lean/flow manufacturing and rapid prototyping, CMP turned to Amada. During comprehensive time studies Amada's LC3015FI NT outperformed competitive systems by more than 40% — CMP was so impressed they purchased three. Mike Glomski, CMP's VP of Operations, reflects on the purchase. *"The FI lasers provide unmatched speed and quality over a full thickness range. They have enabled us to bring all sub-contract laser cutting work in house. We now have complete control of lead-times, quality and cost-per-part."*

Partnering with Amada has allowed CMP to respond to their customers with greater speed and precision while reducing overall costs. Specific improvements include:

- An average of 42% reduction in laser cutting time while reducing maintenance costs by 20%
- 28% increase in first pass yield due to the repeatability and accuracy of the FI
- The FI's rapid material change over-times have enabled CMP to increase daily part mix and respond quickly to job interruptions, last-minute jobs and short lead-times
- Downstream operation throughput increased up to 30% by achieving true lean/low manufacturing

In summing up their relationship with Amada, Glomski states, *"The FI lasers were the first of many Amada machines to be installed in our facility. Our next step is to implement Amada's automated solution to achieve even higher productivity levels. It's truly a pleasure to partner with a company that places such a high priority on their customers' success."*

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