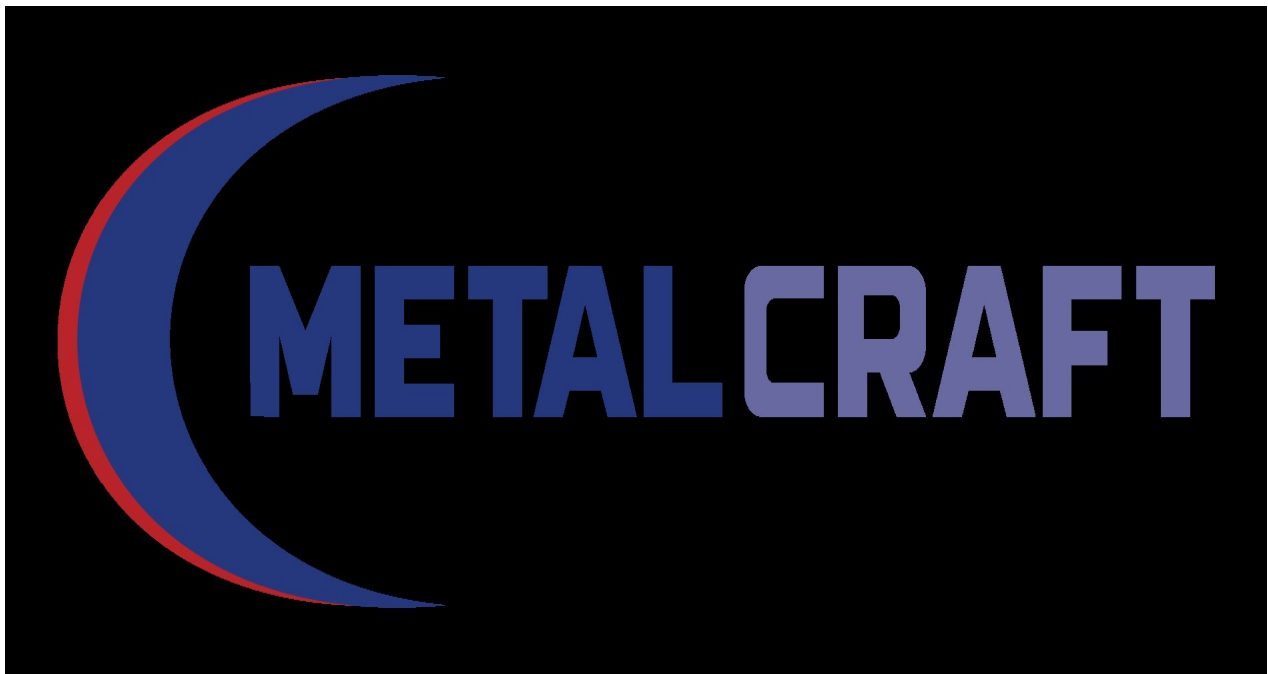




Metal Craft Spinning Reinforces 5 Axis Laser Cutting Expertise

July 16, 2026

Etobicoke, ON - July 16, 2026 -

Metal Craft Spinning and Stamping, a family-owned metal manufacturing company announced this week that it is reinforcing its 5 axis laser cutting capabilities to serve manufacturers with increasingly complex part geometries. The announcement highlights the company's continued investment in advanced cutting technology as demand grows across the HVAC, commercial lighting, and industrial sectors.

Founded in 1964, Metal Craft Spinning has operated as a family business for four generations, building a reputation for quality, service, and on-time delivery. The company's 5 axis laser cutting service is performed on a Komatsu TLM Series 5-Axis CO2 Laser Cutting System sourced from Japan, equipment that the company says extends the range of parts it can produce without repositioning or secondary finishing.

Unlike traditional 3-axis laser cutting equipment, which is limited to movement along the x, y, and z axes, 5 axis laser cutting introduces rotation around two additional axes, allowing the cutting table to tilt and rotate during operation. This added range of motion enables the system to work directly on three-dimensional parts, including components with extreme angles and curved surfaces, without the repeated repositioning that 3-axis systems require.

Company officials noted that repositioning parts on conventional equipment introduces opportunities for error and slows production, particularly on jobs involving intricate or asymmetrical geometries. By programming and positioning a part once, the 5 axis system is designed to produce repeatable, highly detailed cuts across multiple sides of a component in a single operation.

"Five axis laser cutting lets us take on part geometries that would otherwise require multiple setups and secondary handling," said Kyle Rasksen, Vice President of Metal Craft Spinning and Stamping. "That single-setup capability translates directly into tighter tolerances and shorter lead times for the customers who depend on us."

According to the company, the Komatsu TLM Series system delivers rapid feed rates of up to 1,575 inches along the x and y axes and up to 1,181 inches along the z axis, paired with accuracy within plus or minus 0.0012 inches per foot of travel distance. The system's optical head and low-inertia AC servo motors, combined with linear ball guide mechanisms and ball screw feeds, are engineered to maintain precision across long production runs.

Laser cutting as a manufacturing process uses a computer numerical control system to direct a high-powered laser beam through sheet material, cutting or etching according to digital design specifications. The process is capable of tolerances between 0.003 and 0.006 millimeters, and its narrow heat-affected zone helps prevent warping or tolerance drift in finished components. Because the technique requires minimal tooling, it is well suited to prototyping as well as low- and medium-volume production runs.

Metal Craft Spinning & Stamping's laser cutting services support a range of substrates, including aluminum, copper, stainless steel, carbon steel, and galvanized steel. The company said the process is applied across industries such as HVAC, roofing, commercial lighting, furniture, and construction, and is increasingly used for medical device components, hermetic sealing applications, aerospace parts, and prototyping work where precision and repeatability are essential.

"Our customers are asking for parts with more complex geometries and tighter tolerances than ever before, and this equipment gives us the flexibility to meet that demand without sacrificing turnaround time," Rasksen said. "It reflects the same commitment to precision manufacturing that has guided this company for more than sixty years."

The company operates facilities in Niagara Falls, New York, and Etobicoke, Ontario, and provides a range of metal fabrication services beyond laser cutting, including metal spinning, metal stamping, and engineering support. Metal Craft Spinning and Stamping said its laser cutting operation is intended to complement these existing capabilities, giving customers a single source for components that require both spinning and

precision cutting work.

The company continues to work directly with manufacturers to evaluate part designs and determine which cutting or forming process best fits their production needs. Officials said the addition of 5 axis laser cutting capacity reflects an ongoing effort to keep pace with evolving manufacturing requirements while maintaining the quality standards the company has built since 1964.

For more information about Metal Craft Spinning and Stamping's 5 axis laser cutting services, visit www.metalcraftspinning.com.

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Metal Craft Spinning and Stamping

Whether you require laser cutting, metal spinning, or stamping, Metal Craft Spinning and Stamping has you covered!

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