

## **Press Release**

### **SYNOVA Opens New Micro-Machining Center in Secaucus, New Jersey**

*SECAUCUS, USA, April 10, 2017* – Synova, a leading manufacturer of high-precision laser cutting systems, has relocated its North American Micro-Machining Center (MMC) operations to Secaucus, NJ. The MMC offers laser machining services such as application trials, single and recurring cutting jobs and machine demonstrations. The new MMC will house two Laser MicroJet systems, the new 5-axis LCS 50 machine to be used for 3D shaping and machining, and the versatile LCS 300 for 2D machining of parts up to 300 mm x 300 mm in size.

All Synova machines incorporate Synova's unique water jet guided laser technology (Laser MicroJet®), which is based on the patented approach of entrapping a cylindrical laser beam within a hair-thin water jet, resulting in perfectly parallel walls, tight kerf widths, smooth cut surfaces and sharp edges. The technique enables the surface to be cooled by the water between laser pulses, thereby minimizing the heat affected zone and its related defects. The water also cleans the surface, reducing post-machining processing requirements.

"I am happy to add yet another Micro-Machining Center to our global network of offices," states Dr. Bernold Richerzhagen, founder and present CEO of Synova. "Regional centers offer a novel way our customers can leverage the unique value of the Laser MicroJet® technology for their specific application and needs," adds Dr. Richerzhagen.

"The LCS 50 is the perfect addition to our base LCS 300 capabilities. The 5-axis LCS 50-5 is an excellent solution for small parts such as natural and industrial diamond applications, and medical micro-parts, typically processed with 30 to 70-microns kerfs," states Dr. Benjamin Carron, Global Director of Applications at Synova. "Customers benefit from Synova's unique expertise as an industrial micro-machining solutions provider; leveraging a knowledge base across multiple industries that have a common need for high precision and expanded hardware/software capabilities," adds Dr. Carron.

For more information about the ways you can benefit from the use of our MMC, please contact Jacques Coderre at [jcoderre@synova-usa.com](mailto:jcoderre@synova-usa.com), or call (510) 396 5664. You can also stop by and visit us at Eastec (Makino Booth 1218) or at JCK 2017 (Booth B63078).

#### **About Synova**

Synova S.A., headquartered in Duillier, Switzerland, manufactures advanced laser cutting systems that incorporate the proprietary water jet guided laser technology (Laser MicroJet®) in a true industrial CNC platform. Customers benefit from significant yield and quality improvements in cutting, as well as enhanced capabilities for micro-machining a wide range of materials. For more information, contact us at [sales@synova.ch](mailto:sales@synova.ch) or visit our website at [www.synova.ch](http://www.synova.ch)

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