



***New NXT1000 2<sup>nd</sup> Generation Turn & Mill Complete Machining comes to Ring Precision Components***



High Precision, High Efficiency and Integrated Turn & Mill Center just Installed at the Jamestown, New York location. The **NXT 1000 2<sup>nd</sup> Generation** is a highly efficient **turn & mill machining center** with the **smallest footprint** in its class and is ideal for medical technology, aerospace, or electronics applications.



- **5-axis simultaneous machining of complex workpieces** (example: medical, aerospace and automotive) thanks to the **Direct Drive B-axis (DDM®)**

- **Optimized work area with a 78% larger Z-travel** for workpieces up to 31.5 in. length and  $\varnothing$  16.9 in.: **machining of large workpieces with minimal interference contours** on the compact milling spindle and the optional lower turret; up to 10 directly driven tools with 10,000 rpm.
- **More machining flexibility** with the X-travel path up to 4.1 in. under the spindle center



- **Greatest consistent precision** without compensation through thermal control and roller guides for 50% less backlash: **patented (pending) heat-symmetrical spindle headstock cooling structure**; cooling of all ball screws and ball screw nuts, turning and milling spindles incl. the B-axis and the BMT-turret; **highest precision** (example: 0.00008 in. straightness in the Y-axis)

Give us a call today at 800-828-2216 to schedule your next job!

### Ring Precision Components

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