

wipers keep chips from interfering with critical components and guide the chips to the center trough to create a debris-free environment. It also features a BIG-Plus 40-taper spindle that is backed by 20 hp and is capable of running at 15,000 rpm. A 60-tool automatic tool changer comes standard. Travel is 20.1" (510 mm) on the X/Y/Z axes.

**Methods Machine Tools Inc.**

877-668-4262 / [www.methodsmachine.com](http://www.methodsmachine.com)



**IoT-Based Coolant Monitor**

The Liquidtool Manager is an IoT-based solution for analyzing coolant data collected by the company's Liquidtool Sensor. The sensor

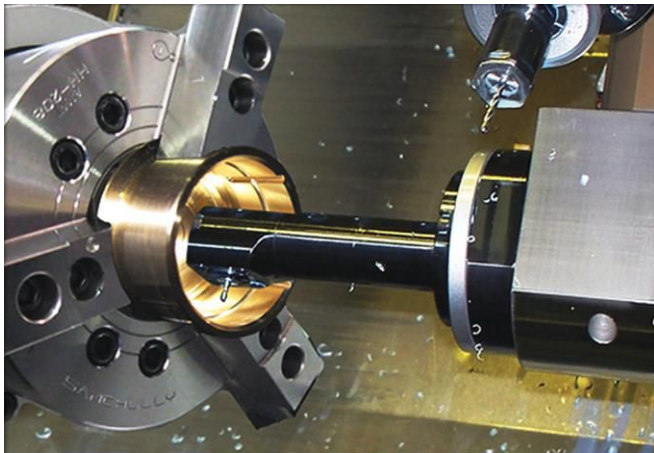
magnetically mounts on the machine to be monitored and connects to a WLAN or LAN Internet connection. It is operated with an app via tablet, smartphone or PC. The Liquidtool Sensor regularly takes coolant from the machine tank and measures the sample with a built-in refractometer and thermometer. It stores the data gathered securely on the corresponding platform, allowing deviations to be detected at an early stage. Users can manually add additional values, such as pH, nitrite and water hardness.

**Liquidtool Systems AG**

845-294-3200 / [liquidtool.com](http://liquidtool.com)

**X-Ray CT Offers Two New Features**

The 225 kV, microfocus X-ray CT system, the XT H 225 ST 2x model, offers two new features: the Rotating.Target 2.0 and the Half.Turn CT. The Rotating.Target 2.0 provides a 3x smaller focal spot size for clearer imaging. The Half.Turn CT halves the angle through which a specimen rotates during the X-Ray cycle,



**INTEGRATE SECONDARY OPERATIONS**

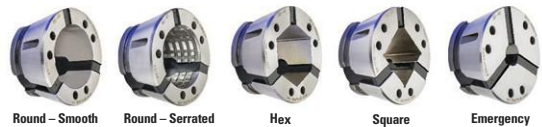
Designed to fit popular live lathe models, Eltool's Titespot® angle heads machine in bores down to 5/8" in diameter. Now, oil grooving, keyway cutting, and other secondary operations can be integrated into your turning operations.

- REDUCE HANDLING
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- IMPROVE ACCURACY



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