

For Immediate Release

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With Art: Image of machine

**Fast, Affordable Tongtai VTX Drill/Tapping Centers From Absolute Machine Tools
Are Engineered For High-Precision, High-Volume Applications**

[LORAIN, OH – February 2020] With rapid traverse speeds up to 2,362 ipm (60 m/min) in all axes and acceleration of 1.2 g, the Tongtai [VTX series](#) of [drilling and tapping centers](#) are fast, affordable solutions for high-precision, high-volume machining applications. The machines' compact 87" x 63" (2,210 mm x 1,600 mm) footprint conserves shop floor space, and a fixed column/moving table type design with Meehanite cast-iron frames and roller-type linear slideways provides rigidity and fast, precise movement.

Two types of high-speed ATC systems are available. The 21-tool turret-type ATC on VTX-5 and VTX-7 models offers tool change time of 1.4 seconds tool-to-tool and 1.9 seconds chip-to-chip. VTX-5A and 7A versions have a 20-tool arm-type ATC system that reduces tool change time to 0.8 seconds tool-to-tool and 1.3 seconds chip-to-chip.

The standard 7.5 hp, 12,000 rpm direct-drive spindle provides rigid tap speeds up to 6,000 rpm. An optional 24,000 rpm direct-drive spindle delivers high speeds for machining aluminum and magnesium parts and is an excellent choice for processing graphite. A BBT-30 (Big Plus dual contact) taper is standard for rigid milling. Coolant-through the spindle preparation also is standard, as is a spindle chiller.

A Mitsubishi M80A control is standard and is suitable for applications ranging from production to high-speed machining. It features a 10.4" (264 mm) touch screen with intuitive smart-phone type

operation. A dedicated CNC CPU provides outstanding processing speeds. State-of-the-art speed and accuracy results from an all-new high-response servo system with 1,000,000 pulse encoders. The Mitsubishi M80A control comes with an industry-leading 3-year parts and labor warranty. A Fanuc OiM-F control with 8.4" (203 mm) LCD with a 2-year warranty is also available. Absolute Machine Tools partner [Tongtai](#) formerly was the Taiwanese OEM for Japanese machine tool builder Hitachi-Seiki.

About Absolute Machine Tools, Inc.

Absolute Machine Tools, Inc. sells and supports Johnford Bridge & Gantry Mills; You Ji Vertical Turret Lathes; Tongtai Horizontal Machining Centers (former Hitachi-Seiki OEM); PCI Horizontal Machining Centers; Quicktech Multi-Axis Multi-Spindle Mill/Turn Centers; Lico Multi-Slide CNC Screw Machines and Twin Spindle Multi-Slide Mill/Turn Centers; Nexturn Swiss-type Lathes; AccuteX Wire EDM and Die Sinker Machines; APEC 5-axis Gantry-style Linear Motor Machining Centers; and Precihole Gundrilling Machines. The company has worked with several of its principal machine tool partners for over 25 years to offer some of the most heavy-duty, accurate, and productive machines in the industry. The company has built its reputation on exemplary applications engineering, service, customer support, comprehensive training, and effective preventive-maintenance programs. In addition to its headquarters in Lorain, Ohio, the company has established direct full-service technical centers in Mason, Ohio; Livonia, Michigan; and Rockford, IL. For more information, contact Absolute Machine Tools, Inc. at 800-852-7825 or www.absolutemachine.com.