

PMTS 2019 NEWS - For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: *Quicktech i-42 Ultimate 10-axis mill/turn center*

**Absolute Machine Tool Demonstrates Quicktech i-42 Ultimate 10-axis
Twin Spindle Mill/Turn Center With Dual B-Axes at PMTS 2019 Booth 3050**

[LORAIN, OH – JANUARY 2019] Absolute Machine Tools will demonstrate the [Quicktech](#) i-42 Ultimate 10 axis Twin Spindle lathe with dual B-axes in booth 3050 at PMTS 2019. Engineered to carry out highly [productive turning](#), the machines can also provide complete part machining including complex milling functions.

The i-42 machine features 10 axes, 2 turning spindles, 2 milling spindles, 2 B-axes, and a total capacity of 56 tools. A 4-axis (X,Y,Z,B) gang type vertical tool post serves each C-axis spindle. The main spindle has a 15 hp, 6,000 rpm high torque motor. The sub-spindle is equipped with a 7.5 hp, 6,000 rpm high torque integral motor for backworking. The main spindle has a 42mm bar capacity and the capacity of the sub-spindle is 30mm (1.18"). Both spindles feature a full continuous C-axis with braking system and are both standard with 42mm DIN-173E-42B collet chucks. The main and sub-spindle are synchronized for fast and accurate part transfer. Both spindles employ P4 high precision bearings for stability and heavy cutting ability.

A 4-axis gang tooling system consisting of linear X,Y, and Z axes plus a rotary B-axis serves each spindle. The main tool post features 6 O.D. turning tools, 5 I.D. turning tools, and 12 live tools. The sub-tool post features 5 O.D. turning tools, 9 I.D. turning tools, and 12 live tools. The live tools are powered by a 2 hp, 4,000 rpm spindle motor and are mounted in a continuous 360° B-axis. Each tool post has a Y-axis for off-center milling operations. Tool change time is near zero, and rigid tapping is standard. Machine frames and all major components are heavy Meehanite cast iron.

For more information, visit [PMTS 2019 booth 3050](#), browse www.absolutemachine.com,

or call 800-852-7825

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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); 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; Elgin, Illinois; and Livonia, Michigan. For more information, contact Absolute Machine Tools, Inc. at 800-852-7825 or www.absolutemachine.com.