

IMTS 2016 NEWS – For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: Tongtai iTD-2000YBC

Tongtai iTD-2000YBC High Tech, Sub-Spindle, Multitasking Y-Axis

Turning Center + Special Bar Feeder Package at Absolute Machine Tools

IMTS 2016 Booth S-8536

[LORAIN, OH – JUNE 2016] Tongtai's NEW iTD-2000YBC is an advanced, high precision [CNC turning center](#) cast from Meehanite iron. This new offering will be in action in booth Absolute Machine Tool's IMTS 2016 booth S-8536. The iTD-2000YBC is loaded with innovative features not found on comparable machines in its class. This machine features a rigid, ergonomic, and super accurate 75° bed design for excellent chip flow and operator accessibility. The 75° bed also simplifies the programming of the optional Y-axis as the Y-axis is perpendicular to the X-axis like a vertical machining center. High rapid-traverse rates using 45mm roller type linear ways are also achieved to reduce non-cutting time.

X-axis cross travel is 9.05", Z-axis longitudinal travel is 23.6", B-axis sub-spindle travel is 24.8", and optional Y-axis travel is +/-2" from the center line. The main spindle is driven by a 20HP, high torque motor which provides power and fast acceleration at 4,500 RPMs. The 5,000 RPM sub-spindle is driven by a 10 HP high torque integral motor spindle. The

spindles are synchronized on the fly for part transfer to the sub-spindle. Rapid traverse feed rates for X, Z, and B-axes are 1,181"/min. and 590"/min. on Y. Standard equipment also includes a tool setter and chip conveyor.

A 12-station bi-directional servo BMT-65 (16 station BMT-55 optional) turret provides 0.3 second indexing and coolant through the tool holders. A full C-axis with live tools is standard for milling operations on both the main sub-spindles. The true linear Y-axis provides turret movement perpendicular to the X-axis for complex off-center milling functions and easy programming. The [Fanuc](#) OiT-F CNC control is standard and fully loaded with operator-friendly features including Manual Guide i Conversational.

As an added bonus between now and during IMTS 2016, Absolute Machine Tools (booth S-8536) is offering an introductory bar feeder package price of \$169,900. This package price includes:

- NEW Tongtai iTD-2000YBC Turning Center
- Manual swing down tool presetter
- Parts catcher
- Parts conveyor that automatically empties the parts catcher
- Barfeed interface
- BF-1500 5' magazine barfeeder with 3 pusher sizes
- Barfeeder installation and hook-up expenses
- Chip conveyor (Caterpillar type)
- 8" 3 jaw chuck main, 6" 3 jaw chuck sub

- 12 station BMT-65 live turret with 0.3 second index
- Full compliment of static turret tooling
- Fanuc OiT-F control with full MDI keyboard and Manual Guide i Conversational

For more information, visit IMTS 2016 booth S-8536, call 800-852-7825, or visit

www.absolutemachine.com.

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