

FOR IMMEDIATE RELEASE

News From: Absolute Machine Tools, Inc.
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With Art: image of Nexturn SA-20B

**Nexturn Swiss Types, Tongtai CNC Turning Centers and AccuteX Wire EDM
in Action at Absolute Machine Tools' PMTS 2017 Booth #655**

[LORAIN, OH – FEBRUARY 20, 2017] [Absolute Machine Tools](#) will have several machine tools demonstrating in Booth #655. The several brands and models include two Nexturn Swiss Type Lathes, an AccuteX Wire EDM and two Tongtai lathes. Of special interest is the [Nexturn SA-20B Swiss lathe](#) shown with a Tracer 20mm bar feeder. This model is a new 20mm machine that is available with or without a rotary synchronous guide bushing. It features up to 7 total axes and up to 22 total tools with the B axis, including several live tools. Machining capacity is 20mm on the main spindle, 20mm on the sub spindle, and 210mm (8") maximum turning length in one chucking (60mm or 2.36" without guide bushing).

The [Swiss lathe machine](#) is built for rigidity, accuracy, reliability, and ease of use. The highly rigid one-piece cast iron machine bed is designed using FEM software. Powerful motors for both turning and milling deliver outstanding machining capability. The use of ultra-precision pre-tensioned ballscrews and LM guides produce high accuracy. A sliding operator door, as opposed to a lift up style door, provides easy access to the machining area and is drip free.

Spindles are the heart of the machine. The main spindle is an 8HP built-in motor spindle. The built-in motor provides outstanding acceleration / deceleration. The full C axis on both main and sub spindles with .001-degree position and pneumatic disc brake clamping provide high rigidity for milling operation. The synchronous sub spindle allows simultaneous front and back working

to be performed. Powerful live tools provide excellent milling ability and a wide range of milling, drilling, and tapping can be performed. Rigid tapping is standard. The B axis, used primarily for milling, drilling and tapping angled holes, provides 0 – 135 degrees of swiveling rotation with 3 front side and 3 back side live tools. The front side tools can be used for both front and face work, doubling the useful tools to 6 possible.

The synchronous rotary guide bushing features a dual bearing structure with high accuracy. It has strong and accurate bearing support on both ends. The guide bushing is spline shaft driven. The guide bushing is necessary for precision machining of long parts. The machine can be ordered without the guide for short parts, reduced remnant length, and the ability to run cold drawn material.

For more information, visit PMTS Booth #655, or call 800-852-7825. The company also has a helpful PMTS website page, complete with a listing of all of its machines at the show at the following link: <http://absolutemachine.com/event/precision-machining-technology-show-pmts/>

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