

**IMTS 2018 NEWS - For Immediate Release**

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*With Art:* Nexturn SA-20B Swiss Lathe

**7-axis, 20mm Nexturn Swiss-Type Lathe at IMTS 2018 Booth S-338536**

[LORAIN, OH – JUNE 2018] The Nexturn [SA-20B Swiss lathe](#) is a 20mm machine with a rotary synchronous guide bushing and will be in action at IMTS 2018 in Absolute Machine Tool's booth S-338536. It features up to 7 total axes (Z1, X1, Y, Z2, X2, C1, C2) and up to 22 total tools. Machining capacity is 20mm on the main and sub-spindle, and 210mm (8") maximum turning length. The SA-20B is available packaged with a 12' magazine barfeeder, providing excellent overall value in a 20mm Swiss machine.

The 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 more than ample machining capability. The use of ultra-precision pre-tensioned ballscrews and LM guides produce high accuracy. High speed positioning of 1260"/min reduces cycle times.

The machine's spindles are the heart of this machine. The main spindle is a 5HP, 8000 RPM (10,000 opt.) 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 sporting 1.3HP and 6,000 RPM on the cross-mill unit and 1HP and 5,000 RPM on the backend face tools provide excellent drilling and milling ability. A wide range of milling, drilling, and tapping can be performed. ER-16 collets for the live tools provide excellent rigidity. Rigid tapping is standard.

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 and 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.

Nexturn is one of the industry leaders in [Swiss type CNC lathes](#). Nexturn has many industry firsts, including the first to produce a 38mm CNC Swiss machine. The use of top quality components combined with cutting edge technology produces a state-of-the-art machine with industry leading performance. Nexturn machines use only top quality, brand-name components in the manufacture of their machines.

[Nexturn Co., Ltd.](#) is located in South Korea and has been providing quality machine tools to Asia, Europe and the Americas for more than 15 years. Nexturn occupies a modern facility with a capacity of building 50 machines per month. Nexturn is listed on the KOSDAQ (Korean stock market) since 2006.

For more information, visit IMTS 2018 booth S-338536, browse [www.absolutemachine.com](http://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](http://www.absolutemachine.com).