IMTS 2018 NEWS - For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: *LICO LNTS & LNDD Series*

LICO Multi-Slide Screw Machine & Twin Spindle Mill/Turn Center at IMTS 2018

Booth S-338536

[LORAIN, OH – JUNE 2018] Absolute Machine Tools will demonstrate two LICO machines at IMTS 2018 – a CNC screw machine and a mill/turn center – in booth S-338536. The LICO LNTS line of multi-slide screw machines can outperform even cam automatics.

The model at the show, LNT-42S-S4, has a 42mm spindle with four heavy-duty dovetail and gib-design cross slides that can overlap up to 5 tools in the cut at one time. This screw machine is ruggedly built and capable of using either form tools or standard carbide insert tools with each slide having a full 2-axis servo-controlled travel. For medium to complex parts, it can match or beat the speed of cam-driven machines and offers the versatility, finish, and tolerances of CNC lathes.

A turret-mounted pickoff spindle is standard and the base machine model comes equipped with gang slide backworking, dual high-pressure oil pumps, chip and part conveyors, and tool holders for all positions. A modular eight-position backworking turret is optional. The main turret uses VDI-30 live tooling and comes with four live tool

holders. The LNTS platform is available in 4 bar capacity sizes; 36mm, 42mm, 51mm, 65mm all with a maximum turning length of 170mm. All LNTS models can be ordered with an optional Y-axis gang tooled cross slide for both static and live tools.

The second LICO in the booth is an LNDD-series machine. The LND-65D-S3 is an 11-Axis Mill/Turn Center that can often produce parts faster than conventional twin spindle, multi-turret machines with up to 5 tools in the cut simultaneously. This machine has a bar capacity of 65mm (2.56”), maximum turning length of 475mm (18.7”), and employs independent 2-axis cross slides that can overlap each other and the turret. The turret works on either the main or the counter spindle, and can perform on-center work on both spindles simultaneously. An 8-position turret with optional live tooling and Y-axis is standard. The LNDD platform comes standard with an independent counter spindle, dual high-pressure oil pumps, chip & part conveyors and tool holders for all positions. The LNDD series is available in the following bar sizes: 42mm, 51mm, 65mm, 80mm, 100mm. The LNDD is built with a highly engineered frame and slides for dampening vibration and reducing the variables that can arise in size and finish from such vibration. The result is a very stable process at cycle times that are often 2 to 3 times faster than twin spindle, single turret machines.

For more information, visit IMTS 2018 booth S-338536, 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.