

NEWS RELEASE

FOR IMMEDIATE RELEASE

(Header)

Three New Software Timesavers to be Introduced at IMTS

(Subhead)

Milltronics Momentum Continues

(Body copy)

Waconia, MN, July 1, 2018 – Milltronics USA, Inc. will unveil three new time-saving software products at the International Manufacturing Technology Show (IMTS) in Chicago, Illinois from September 10-15, 2018 (South Building, Booth 338329). The Company will also feature live demos on vertical machining centers, CNC lathes as well as toolroom mills and lathes.

The theme of the Milltronics booth is Momentum – meant to highlight the large number of new machines, controls and software products introduced by the Company in recent years.

The first of the new software products is called ChipBoss™ and it allows conversational program users to take advantage of the latest trochoidal machining strategies, previously found only in CAM systems or high-end controls. ChipBoss™ uses proprietary algorithms to calculate toolpaths and control maximum allowable cutter engagement. The idea is to use the whole length of a tool rather than just the tip, cutting profiles at full depth rather than taking multiple depth passes. This new optional software works by automatically controlling the tool's chip load, keeping it constant and creating the optimal chip. This results in faster cycle times, better tool life and more accurate parts. Cycles times (depending on geometry) can be reduced by as much as 50% percent with up to 3-5 times better tool life. ChipBoss™ also improves part accuracy through reduction in tool deflection.

Milltronics will also be introducing a new Digital Setup Assistant (DSA) at IMTS that uses Wi-Fi to make a cell phone or tablet an extension of the user's control. This optional software feature

allows an operator to reduce setup time by easily accessing photos of parts and workholding, set-up data, tooling info and more.

Finally, Milltronics will also be showing for the first time a new Bi-Directional turning cycle that lets conversational program users effectively halve the time it takes to turn parts as it eliminates the need to cut in one direction, rapid back to the start position and then take another pass. The Bi-Directional cycle allows for “zig-zag” (or bi-directional) turning resulting in significantly shorter cycle times.

Machines on display in the Milltronics booth will include:

- VK4-II CNC knee mill with unique Milltronics MillSlide™ Z-axis
- RH20 rigid-head open CNC bed mill
- VM5020EZ extended nose to table with Milltronics M250 rotary table
- VM4222IL inline performance vertical
- VM5025XP #50 taper heavy-duty vertical
- New SL-II Series SL8-II with IEMCA barfeed
- ML26 CNC combo lathe

“Milltronics Momentum is all about the many ways we innovate to help our customers be more productive and profitable,” said Louie Pavlakos, Milltronics General Manager. “And these new software options are just the latest, we have more new machines and software on the way.”

Milltronics USA, Inc. is based in Waconia, Minn., and is a leading supplier of easy-to-use and cost-effective machine tools serving job shops, tool rooms, tool & die and other metalcutting customers worldwide. With more than 12,000 machines installed, the company was founded in 1973 and has built its reputation on intuitive controls and well-built machines backed by superior service and support. More information is available at www.milltronics.com.

###

For more information on Milltronics USA, Inc. please contact:

Caitlyn Quast

Marketing Coordinator

Milltronics USA, Inc.

1400 Mill Lane

Waconia, MN 55387 USA

952-442-1410

info@milltronics.com

www.milltronics.com