

NEWS RELEASE

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Milltronics USA Introduces New SL-II Series

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Slant-bed CNC lathe with 9000 Series Control

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Waconia, MN, September 20, 2017 – Milltronics USA, Inc. is introducing its new SL-II Series CNC lathes, fast, accurate and affordable slant bed CNC lathes. The new SL-II Series are available in three models, the SL6-II, the SL8-II and the SL10-II. Designed as machines that anyone in the shop can run, they feature Milltronic's latest Series 9000 CNC control. The Series 9000 control can be programmed either conversationally or with industry standard G & M codes.

These next generation turning centers from Milltronics are true slant bed machines with robust roller guideways for superior accuracy and heavy cutting. They also feature Yaskawa Sigma V servo motors and drives, plus the ballscrews are doublenut pre-loaded, pre-tensioned and anchored on both ends.

SL-II Series spindles are manufactured by Royal and feature six rows of bearings. They are permanently grease packed, maintenance free with two rows of roller bearings up front, two rows of ABEC Class 7 P4 preloaded angular contact bearings mounted right behind and in back, two additional rows of roller bearings provide stiffness and rigidity for heavy cutting.

The SL6-II is a fast, compact machine with 6,000 rpm and 1,181 ipm rapids. It has a 6" 3-jaw hydraulic chuck standard with a 2.2" spindle bore. The AC spindle motor is 17.5 hp and has a Yaskawa drive. Max part diameter is 12.4" and max part length is 13.4." Standard with a bi-directional 12 tool turret, it uses 3/4" x 3/4" shank tooling and max boring bar size of 1.25."

The very popular 8" chuck machine is called the SL8-II. This model has 4,000 rpm, an 8" 3-jaw hydraulic chuck standard and a generous 3.2" spindle bore. It has a 22 hp AC spindle motor with a Yaskawa drive. Rapid traverse rates are 1,181 ipm. Max part diameter is 14" and max part length is 20.7." Standard with a bi-directional 12 tool turret, it uses 1" x 1" shank tooling and max boring bar size of 1.50."

The SL10-II is currently the largest of the new SL-II Series. Featuring 10" 3-jaw hydraulic chuck standard it has a large 3.62" spindle bore. The AC spindle motor is 30 hp, produces 3,000 rpm and has a Yaskawa drive. Rapid traverse rates are 1,181 ipm. Max part diameter is 17.7" and max part length is 28.4." Standard with a bi-directional 12 tool turret, it uses 1" x 1" shank tooling and max boring bar size of 1.50."

All models are available with optional programmable quill tailstocks, Renishaw pre-setters, lift-up chip conveyors, bar feed interface, parts catchers and/or collet chucks.

According to Louie Pavlakos, Milltronics USA General Manager, “The SL-II Series machines are the newest additions to our reinvented product line. In the last two years we’ve introduced several new lines of tool room machines and vertical machining centers. Now, we’ve brought that same level of quality, accuracy and reliability to the Milltronics lathe product line. We’ve designed these machines to be tough and powerful but also affordable and easy-to-use. They all feature the new Series 9000 control, which has all the user-friendly features Milltronics is known for, but with upgraded hardware and a new Windows® operating system.”

The Series 9000 control runs on an Intel® Dual Core i5 64 bit processor and offers 4 GB memory, 120 GB disk storage, 2 USB ports and an enlarged 15” LCD color touch screen. An optional feature for the Series 9000 is Milltronics Shop View (MSV), which allows users to access machine status and collect usage and diagnostic info per Industry 4.0. MSV is hosted in the cloud and can be accessed with a PC, tablet or smartphone. Pavlakos says “the new SL-II Series are easy to program so anyone in the shop can run them. They’re perfect machines for small to medium lot sizes or jobs customers have to get out the door in a hurry.”

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 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.

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