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Mori Seiki's NZ-SI500 Offers Top Technology In A Compact Package

Innovative high-efficiency shaft machine is the world's smallest

Chicago, Illinois, June 2, 2006 – Mori Seiki is proud to announce the release of its new 2-turret shaft lathe, the NZ-SI500. Created specifically to machine shafts, the footprint of the NZ-SI500 is less than half the previous models, providing dramatic space reductions for production lines.

To increase productivity, the NZ-SI500 employs a symmetrical design in which the two turrets are aligned with the spindle, which is mounted on the vertical bed. This layout also serves to reduce the influence of heat and improve accuracy during continuous machining, holding thermal displacement to under $\pm 10 \mu\text{m}$.

The unique arrangement of the NZ-SI500's components also improves accessibility and chip disposal. Chips fall directly into the chip pan, avoiding accumulation, and a vertical protector prevents chips from reaching the linear guide or ball screws.

The NZ-SI500 can accommodate workpieces with a machining diameter of $\varnothing 120$ mm and a standard machining diameter of $\varnothing 60\sim 20$ mm. A high-speed loader with a rotary hand function increases the efficiency of the machine.

In addition to its small footprint, the NZ-SI500 also measures just 5 feet in height, allowing the operator an easier line of sight of the surrounding production environment.

Mori Seiki produces extremely reliable machine tools and distributes worldwide. The U.S. headquarters is in Chicago with offices in Boston, Chicago, Cincinnati, Dallas, Detroit, Los Angeles, and New Jersey. For more about Mori Seiki and the products in the Mori Seiki line, visit www.moriseiki.com or call (847) 593-5400.

About Tyler Machine Tool

Tyler Machine Tool is a premier distributor of machine tool equipment serving the Western and Eastern New England states. For more information on Tyler Machine Tool, please visit tylermachine.com or call 603-474-7730.

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