

FOR IMMEDIATE RELEASE

Chevalier's NEW FNL-220LSY CNC Lathe

MULTI-AXIS TURNING AND MILLING MACHINE DELIVERS SUPERIOR ACCURACY AND RIGIDITY

SANTA FE SPRINGS, Calif., Jan. 8, 2020— The newly designed, multi-functional FNL-220LSY Series multi-axis lathe incorporates many innovative features.

Turning and milling with first and second operations are in one machine. Y-axis travel (± 2.17 " from the centerline) for off-center milling is the largest range in its class. The series features high-torque live tooling, with full C-axis for the main and sub-spindle. The ability to turn and mill complex parts and perform multiple operations on one machine increases throughput and reduces handling. And the machine is superior to the competition with a competitive price.

Here are vital specs about the FNL-220LSY Series:

CAPACITY:

The bar capacity is 2.05" for main spindle and maximum cutting diameters is 10.6" with a turning length of 20.1". The swing over bed is 24.4"; chuck size is 8" for main spindle and 6" for the sub-spindle. The center distance is 22".

STRUCTURE:

Sixty-degree, compound Y-axis, slant bed design with roller linear ways.

Linear roller guide ways ensure the highest accuracy during high-speed machining. These guide ways provide 30% stronger rigidity than regular ball ways.

TURRET:

German SAUTER, 16-station BMT-45 live turret with maximum 6,000 RPM live tooling speed with all stations live is standard for this series. An oversized clamping curved coupling enhances rigidity and accuracy of cutting tools during machining.

C-AXIS:

Hydraulic clamping cylinder with a disk break to ensure the rigidity for heavy-duty milling and full C-axis in both spindles with a minimum interpolation of 0.001 degrees.

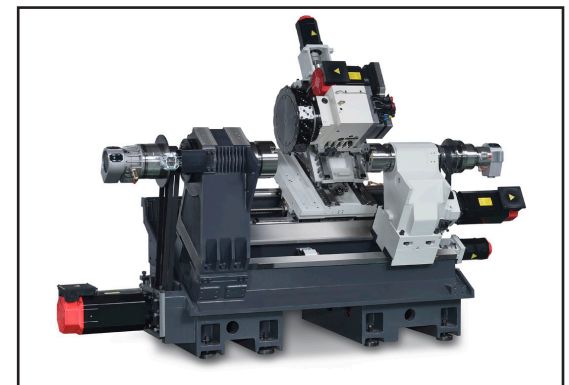
CONTROL:

FANUC 0i-TF control with FANUC drives and motors plus 10.4" color LCD with a fully conversational Manual Guide i program and 3D simulation.

STANDARD ACCESSORIES:

Chip conveyor, parts catcher, oil skimmer, tool presetter, 150psi high-pressure coolant, turning holder package, rotary holders package and more.

For more information, contact Johnson Lan of Chevalier Machinery Inc. at (562) 903-1929 or email: JohnsonLan@ChevalierUSA.com or visit us on the web at www.ChevalierUSA.com



The NEW FNL-220LSY Series features a 60-degree, compound Y-axis, slant bed design ensuring the highest accuracy and rigidity during high-speed machining.