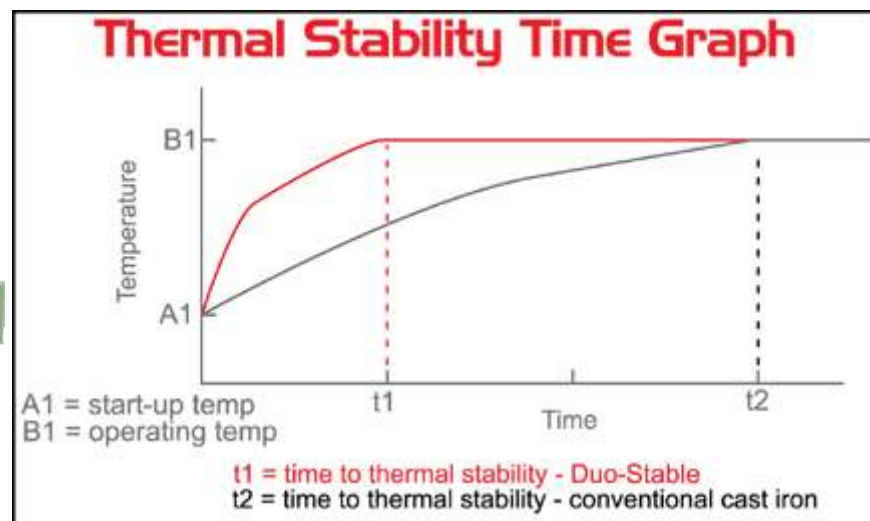
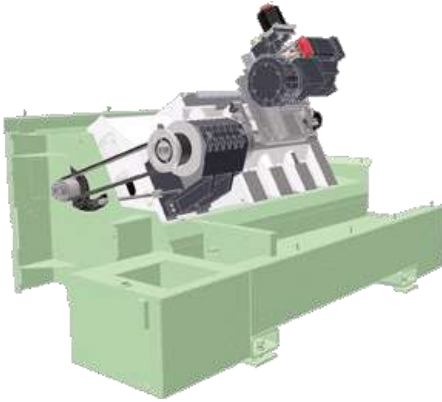


Advanced Technology

TORNADO T Series CNC Turning Centers

Today you are required to make ever shorter runs of more complex and more accurate parts, but at the same time reduce your cost. Does this sound familiar? You need a Turning Center that will give you capability, productivity and accuracy, but above all consistency of the finished product.

Here is your solution. The new, restyled Colchester-Harrison Tornado CNC Lathes are the most stable and consistent machines in their class, all with new guarding for improved ergonomics and maintainability with the latest Fanuc CNC control with Manual Guide i as standard, which gives you a wide range of configurations for even the most complex of parts.



“Duo-Stable” Construction

Tornado users around the world are achieving higher accuracy and greater process stability as a result of Colchester-Harrison’s unique “Duo-Stable” construction. This method features a massive cast iron bed casting mounted on a substantial fabrication filled with specially developed polymer concrete. The result is a reduction in the thermal mass of the lathe and the creation of a built-in foundation to isolate both the mechanical and thermal effects from the cutting process.

The complete assembly has been developed using FEA (Finite Element Analysis) techniques to provide maximum stiffness even under the heaviest cutting conditions.

Productivity Solutions

Whatever your production application, you will find a Tornado to suit every your need. Every Tornado has Fanuc’s highly capable CNC control with Manual Guide i control for quick set up times and efficient short runs. For longer runs, bar feeder and auto loader versions are available, and both B-axis and Y-axis milling can be specified for more complex geometries. The powerful second spindles makes ‘single-hit’ machining a reality, while the “Duo-Stable” construction means that the Tornado is ideally suited for hard turning applications.

If you want to achieve minimum manning, Colchester-Harrison’s “lights-out” could be right for you.

The Tornado T Series is the most advanced and capable range of modern turning centers that money can buy.