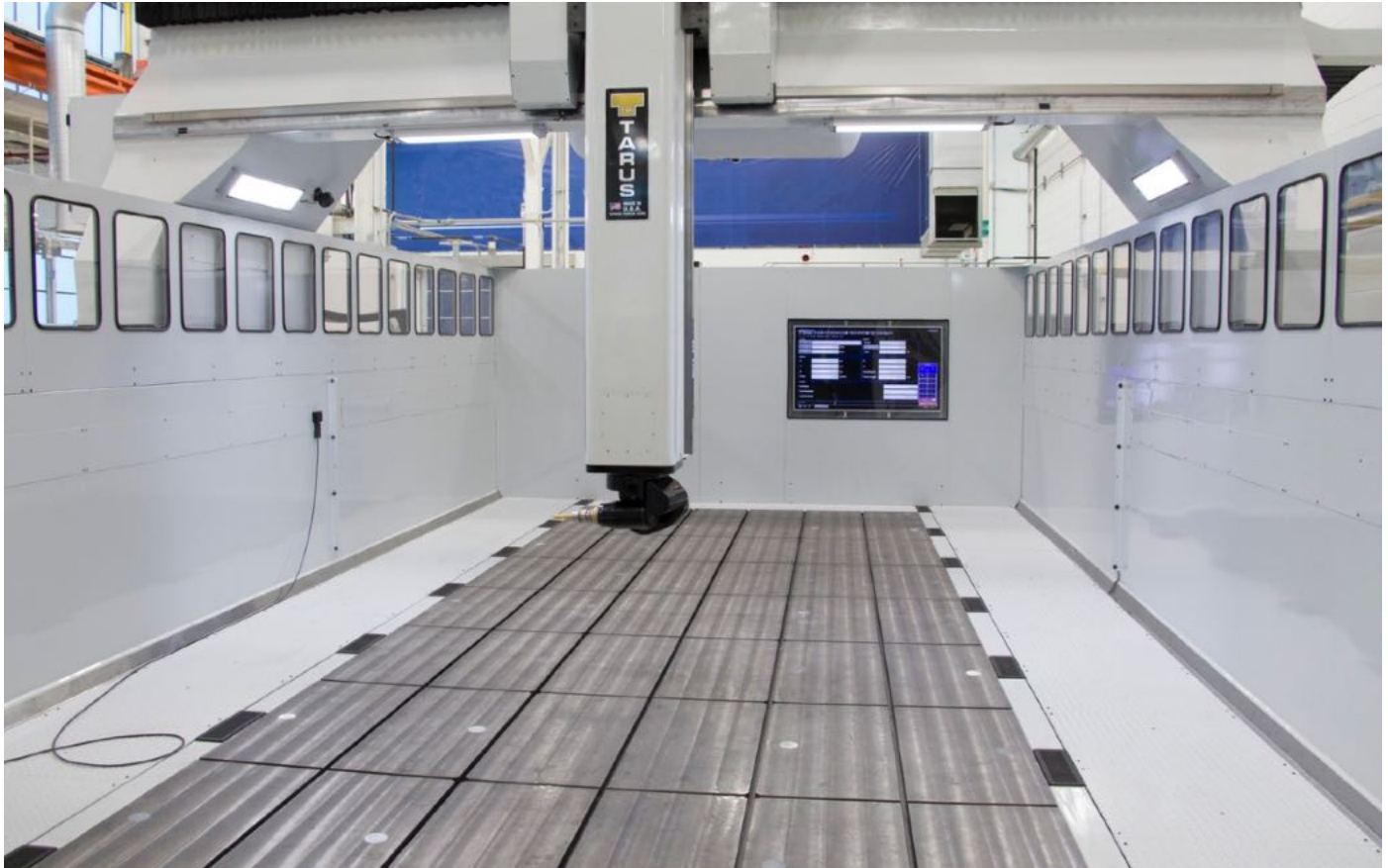




**TBL5**  
Gantry Machining Center for  
Light Materials, 5 Axis





The TARUS TBL5, Gantry Machining Center, 5 Axis, is intended to be used for milling light materials such as:

- Automobile Styling Models, Clay, Foam, Epoxy
- Foam Plugs for Yacht Hulls, Wind Turbine Blades and Nacelles
- Trimming and Drilling of Composite Airframe Structures

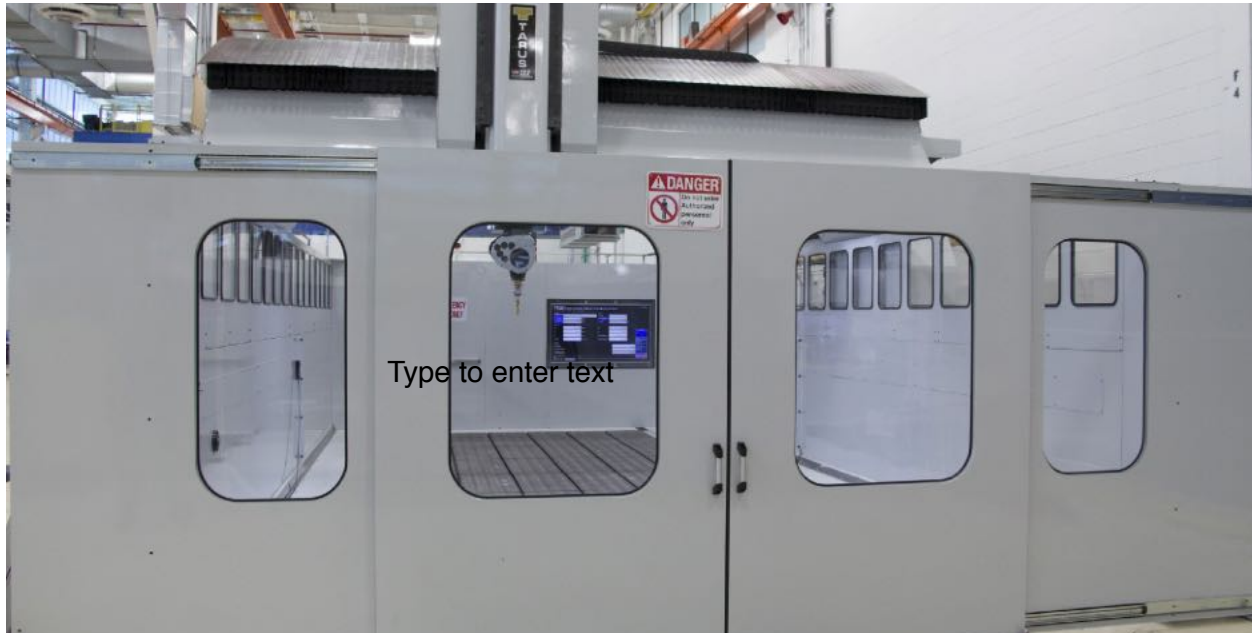
Surface Quality and Accuracy are outstanding as a result of the Dual Pinion Anti-Backlash Drive Systems on the Linear and Rotary Axes. Heidenhain Direct Position scale Feedback is utilized on all axes.

The 2 Axis Milling Head allows quick and easy cutter angle adjustment with RTCP, and also full 5 axis CNC milling if desired. A powerful liquid cooled HSK63 spindle quietly operates at up to 15,000 rpm with 26 kw of power.

# TBL5 Gantry Machining Center for Light Materials, 5 Axis



*\*photo shows previous version of machine, latest version utilizes a "fork-style" milling head*



### Specifications\*

<b>X Axis</b>	8000 mm (standard) custom lengths available
<b>Y Axis (vertical)</b>	2438 mm
<b>Z Axis</b>	4200 mm
<b>Maximum Feed Rate</b>	38 meters per minute, 1.5 meter per second <sup>2</sup>
<b>Milling Spindle</b>	HSK 63, Auto Tool Release, 0-15,000 rpm, 26 kW, 80 Nm
<b>Milling Head Travel</b>	A Axis 109°, C Axis +/- 180.5°
<b>Milling Head Drive</b>	Liquid Cooled Torque Motors with Gear Reduction, 610 nM Force
<b>Position Feedback</b>	Linear Scales on X,Y and Z Axes, Direct Angle Encoder for A and C Axes
<b>CNC System</b>	TARUS Aldebaran standard. Heidenhain, Siemens, FANUC available at additional cost.

*\*Optimum machine performance depends upon installation conditions, such as floor condition, concrete foundation, AC power supply, air supply, and ambient air conditions. Information may change without notice.*



TARUS is proud to  
Manufacture our Machines  
in Sterling Heights,  
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