

5-axis machining center for large aerospace components **VORTEX HORIZONTAL PROFILER 160**

Yamazaki Mazak Corporation (President: Tomohisa Yamazaki, Address: Oguchi-cho, Niwa-gun, Aichi-pref.) has announced the start of sales of the VORTEX HORIZONTAL PROFILER 160.

The VORTEX HORIZONTAL PROFILER 160 is designed to provide optimum 5-axis simultaneous machining of mid- to large-size aerospace components. Its horizontal structure allows the workpiece to be tilted 90 degrees for excellent chip disposal during machining as well as provide a relatively compact floor space requirement. A 2 table changer system that can minimize setup time is optionally available. The machine features a high-speed, high-output spindle with a compact headstock allowing the use of short tools for heavy-duty machining. The large 4000mm x 1250 mm (157.48" x 49.21") table and maximum load capacity of 3000 kg (6614 lbs) will meet a large range of machining requirements.

To ensure machining accuracy stability over long hours of operation, the machine is equipped with the ball screw core cooling system and automatic compensation for room temperature changes.. Ease of operation and convenient maintenance are provided by the easily accessible tool magazine and an access deck. The standard equipment clean coolant system is designed to minimize the time required for coolant tank cleaning as well as extend the service life of the coolant.



VORTEX HORIZONTAL PROFILER

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This information is subject to change without notice.
