

## New “QUICK TURN series”

### Higher Performance CNC Turning Centers by utilizing Smooth Technology

Yamazaki Mazak Corporation has announced the start of sales of the new QUICK TURN 200, 250, 300, 350 CNC Turning Centers. The series will be exhibited during the ‘MAZAK QUICK TURN FAIR’ event held at the World Technology Center at the Yamazaki Mazak Minokamo factory on April 8<sup>th</sup> and 9<sup>th</sup>. The QUICK TURN series was launched in 1981 with the Mazatrol T1 CNC – the world’s first conversationally programmed CNC system. Since then, more than 90,000 units have been sold and the Quick Turn is held in high regard by the worldwide manufacturing industry. The New QUICK TURN series has been developed to provide high speed and high accuracy machining performance by integrating the advanced Mazak Smooth technology.

The high-rigidity Quick Turn integral spindle/motor ensures exceptional machined surface finishes and workpiece roundness. To this, the new QUICK TURN series adds a milling integral spindle/motor for further advanced machining with minimal vibration. The standard milling speed is 5,000 rpm with 10,000 rpm optionally available for high speed machining.

To ensure stable machining accuracy, the new Quick Turn series is equipped with the INTELLIGENT THERMAL SHIELD, an advanced heat displacement control that automatically responds to temperature changes in the factory. The temperature and heat displacement compensation amounts are displayed on the screen and the compensation amounts can be adjusted as required. The standard MAZATROL SmoothC CNC incorporates the latest hardware and software technology to realize unprecedented speed and precision and designed for unsurpassed ease of operation. The MAZATROL SmoothG CNC is also optionally available which features touchscreen operation that is similar to your smartphone or tablet PC.

In order to meet a wide range of machining requirements, the new “QUICK TURN series” is available with an extensive range of optional equipment including a second spindle, turret Y-axis, bolt-on turret tool holders or VDI-type tool holder among many others.



**QUICK TURN 250MS**

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Information in this press release is current at the time of publication.

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