

## Compact #50 taper spindle Horizontal Machining Center HCN-5000/50

Yamazaki Mazak Corporation has announced the start of sales of the compact #50 taper spindle horizontal machining center, the HCN-5000/50. This machine will be displayed at the international machine tool exhibition EMO MILANO 2015 in Milan, Italy. Highly regarded by customers for its quality and accuracy, the HCN series is installed in a wide variety of industries worldwide.

The HCN-5000/50 is equipped with a newly developed #50 taper spindle, but the floor space is approximately the same as the HCN-5000 equipped with a #40 taper spindle. This compact machine can easily be integrated in production lines designed for large volume production, such as those in the automotive industry. The low inertia spindle can mill small-to mid-size aluminum die-cast and cast iron components with large diameter milling cutters with high speed acceleration / deceleration – an important requirement for large volume automotive production. Production lines incorporating the HCN-5000 series with both #40 and #50 taper spindles are possible since the distance between the table top surface and the floor is the same for both spindles. In addition to the HCN-5000/50 with 2 pallet changer, the HCN-5000/50S with single table is available for the convenient loading/unloading of workpieces by a robot. The HCN-5000/50 can be integrated into the Mazak PALLETECH Manufacturing Cell which is designed to perform unmanned operation over extended periods of time. Equipped with the high speed and high accuracy MAZATROL SmoothC CNC, together with the ergonomically focused machine, the HCN500/50 is designed to provide exceptional ease of operation.



**Horizontal machining center HCN-5000/50**

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