

Mazak brings latest VARIAXIS 5-axis machine to Southern Manufacturing

Yamazaki Mazak will be showcasing its latest generation 5-axis multi-tasking machine, the VARIAXIS j-500/5X, at Southern Manufacturing 2017 (21-23 March).

The state-of-the-art machining centre combines a compact footprint with the ability to offer simultaneous 5-axis machining across multiple surfaces, making it ideal for the variety of volume, small batch or prototype work commonly undertaken in the subcontracting sector.



The VARIAXIS j-500/5X delivers high accuracy and productivity from a wide A-axis spectrum of rotation (+30° to -120°). Outstanding accuracy is guaranteed by its high rigidity structure, which utilises linear roller guides on all linear axes and roller gear cam on both rotary axes.

Most importantly, the VARIAXIS is equipped with SmoothX, the 5-axis version of Mazak's SMOOTH Technology, the world's fastest CNC. SmoothX includes a 19-inch touchscreen control panel, and has the capability to deliver a machining revolution, from programming and cycle times through to automation integration, data collection and ergonomics.

Mazak is a regular attendee at Southern Manufacturing, and the VARIAXIS j-500/5X is the latest in a long line of cutting-edge machine tool technology exhibited by the manufacturer at the Farnborough-based exhibition.

Alan Mucklow, Managing Director UK and Ireland Sales Division at Yamazaki Mazak, commented: "Southern Manufacturing is the premier UK subcontracting trade show, and has always been a key date in our diary allowing us to showcase Mazak's latest generation of machine tools to a sector which provides the backbone to UK manufacturing."

He continues: "The VARIAXIS j-500/5X sets new standards for multi-tasking machines and is designed to deliver high speed, high-accuracy machining continuously, ensuring maximum ease of operation for the machinist. The VARIAXIS will be in live-cutting action for the duration of the show and we look forward to demonstrating the machine's capabilities to those subcontractors looking to make a step-change in their machining operations."