



Next Generation of Tornos CNC Multis —Hydromat

Tornos Multispindle by Hydromat introduces the next generation of Tornos CNC multis, the MultiAlpha 6x32. Tornos Multispindle by Hydromat has a 3 axis independent counter-spindle with 5 backworking tool positions and the latest advancement: Integrated Independent Motorspindles.

The MultiAlpha 6x32 unit is a 'ground-up' re-design featuring a 1.260" (1.340") diameter bar capacity with the work spread over 6 spindles.

The new MultiAlpha 6x32 is equipped with this latest generation of spindles featuring synchronous motors. Each spindle functions independently of the others for cutting RPM, spindle stops and indexing. The spindles with independent speed settings enable the full range of cutting tools to be employed. This extends tool life and improves the quality of the components produced. With every position potentially being used as a C axis, allowing any positioned transverse milling or drilling operation to be performed at any time and on all spindles. These spindles can be synchronized in angular fashion, meaning that positioned operations such as eccentric drilling can be performed at several different stations.

Production times are reduced with a high rate of stock removal and simultaneous machining operations performed together with operations from the frontworking units, cross slides and counter-spindle.

For more information, circle 281