

PRESS RELEASE

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CHIRON America Introduces the NEW VMC to Five Axis Machining Line

[Charlotte, North Carolina]- CHIRON has recently introduced the new FZ 08 KS M Five Axis machine to their five-axis product line for simultaneous five axis machining and the machining of tilted working planes with 3 linear and 2 additional axes. The AI Nano High Precision Contour Control (AINHPCC), allows for fast and automatic control of the feed rate with high resolution interpolation for high surface quality and precision.

Integrated with an NC swivel rotary table with a 4th axis tilting range $\pm 100^\circ$ and a 5th axis full 360° rotation this machine allows for highly productive machining of complex workpieces.

This machine comes with a spindle speed of up to 36,000 rpm, rapid traverse of up to 70 m/min., tool change times of 1.5 seconds, chip to chip times of 4.0 seconds, Siemens or Fanuc controls all in a compact space saving foot print. This machine offers customers the flexibility needed for today's production processes.

Applications best suited to the FZ 08 KS M Five Axis are small components, such as watch faces, medical implants and electronic parts.

Headquartered in Charlotte, North Carolina, CHIRON America, Inc. is a supplier of German and American built high speed, single and twin-spindle, vertical machining centres and fully automated turnkey production cells for markets in the U.S., Canada and Mexico. The parent company is CHIRON Werke GmbH & Co. KG of Tuttlingen, Germany.

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