



NEWS

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DATRON DYNAMICS INTRODUCES THE MINIRAPTOR™: A PRECISION HIGH-SPEED, MICRO-TOOLING CNC MACHINE PRICED AT \$46,800

Milford, NH, November 7, 2004 – Datron Dynamics, Inc. has introduced a compact version of their high-end Raptor Class machining centers utilizing the same technology, but minimizing size in order to offer entry-level pricing. While a 51" x 51" footprint makes the miniRaptor™ Datron's most compact machine, it still features a 20" x 20" x 8" working envelope with ample room for fixturing and batch-machining of small parts. The smaller bed size has facilitated the use of a solid slab of granite for the machining table that provides manufacturers with increased rigidity to minimize vibration.

The miniRaptor™ leverages the unique features of the Raptor Class and makes them available at an affordable price to provide smaller manufacturers an entr to high-speed, micro-machining. A no-haggle, Datron-direct, package price offers standard features including a 60,000 RPM spindle with a 0.125" collet, a 3-Tool Automatic Tool Management System™, Microsoft Windows®-based control software, a PC with 256 MB RAM and 40 GB part/program storage, CD-ROM drive, 3.5" drive, USB port, 15" monitor, keyboard, hand-held controller, Ethernet networking capability, remote monitoring capability, a removable chip disposal tray and a full machining-area enclosure with an industrial-grade door safety interlock system.

This comprehensive package of standard features can be augmented or added to with a number of available options including a 600W, 60,000 RPM spindle with 0.250" collet, a 10-Tool Automatic Tool Management System™, a flat screen LED monitor, a Z-Correction Probe™ that recognizes irregular work piece topology and a

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3D probe extension that locates and compensates for material irregularities in X, Y, and Z coordinates and facilitates reverse engineering.

The miniRaptor's 60,000 RPM spindle produces low force and superior quality when tooling 0.125" and under. An integrated Ethanol-Mist Coolant System™ provides for superb surface finishes and eliminates secondary processes like de-burring or de-greasing to further improve cycle times. Datron's Microsoft® Windows®-based controller works with virtually any CAD/CAM software and offers Ethernet networking capability, as well as remote monitoring and control, allowing the machine to seamlessly integrate into any manufacturing environment.

About Datron: Datron Dynamics is the North American distributor for Datron Electronic, a German technology firm established in 1969 that has become a leader in the design and development of CNC machining and dispensing systems. Founded in 1996 by President, Walter Schnecker, Ph.D. and Vice President, William King, Datron Dynamics is differentiated in the marketplace by its focus on high-speed machining with micro-tooling. Datron machines feature 60,000 RPM spindles that produce low force, feed rates of up to 1000"/minute and superior quality when tooling 0.250" and under. An Ethanol-Mist Coolant System™ provides superb surface finishes and eliminates secondary processes like de-burring and de-greasing while being environmentally friendly. Other features such as the Z-Correction Probe™, Automatic Tool Management System™ and their proprietary Quick-Pallets™ and Vacumate™ workholding systems enable batch machining and "lights-out" production. These distinctions have resulted in thousands of installations worldwide within industries requiring versatility and efficiency with small tools for front panels, nameplates, micro drilling, 3D precision engraving, aluminum machining, rapid prototyping, as well as the production of automotive and aerospace parts.

For more information on Datron's miniRaptor, contact Robert Murphy at Datron Dynamics, Inc. 454 Route 13, Milford, NH 03055, 888-262-2833, www.DatronDynamics.com. E-Mail: info@datrondynamics.com.