



Press Release

For Immediate Release

Contact Information
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NEW Machine Company - Phoenix Machine Tool Ltd. Launches The Future of Machine Tools!

January 2004 – Barrington, IL. Phoenix Machine Tool Ltd. has begun the manufacture of what will be the future of machine tools. Introducing a new line of Vertical Machining Centers using a proprietary and innovative CNC control system, the Phoenix machines promise to bring the future of machining into the plants of America today. We recognized the need in the machining market for a more efficient method of manufacturing, so are offering our VMC500, VMC750 and VMC1000 Vertical Machining Center products stated Joe Hrubos, President of Phoenix.

Each Phoenix machine starts out with a wide-body meehanite heavy boned casting, giving you superior vibration dampening during those heavy cuts. To that we add a 10,000-RPM spindle with 140 ft.lbs. of torque from 0 through 1500 RPM, oversized AC Digital servos for superior cutting thrusts, linear guides for smooth high-speed performance, and our amazing *ACCUPATH III* CNC control.

Operating on a Pentium IV processor with 512 Mb of RAM, plus a 32/64 bit floating point DSP CPU, our control will blaze through the most sophisticated part programs with ease, and have power left over for processing status reports. Our HMI includes a 15" high-resolution color LCD display, full Qwerty keyboard, and Hotkeys for controlling immediate machine functions. Memory is provided by a 512 Mb RAM set, and a 10 Gb (minimum) ultra fast hard drive. External program loading is provided through a 1.44 Mb floppy drive, and a R/W/CD easily accessible from the exterior of the machine through the solid aluminum contaminant proof door. Standard software includes macros, high speed

machining, tool management, solid modeling with CAM, Fanuc style screens, and many more standard features, which are optional on our competitors products.

Our philosophy is that no machine should be an "Island". Our machines give your production facility the capability of becoming one and not separated from the front office. Using our *standard feature* Ethernet communications port together with our optional "**PIP**" software packages will enable all of your business functions to be linked together. Status reports, SPC documentation, production alerts are just a few of the links provided to your other departments making your Phoenix machine an integral part of your company.

Because of our stringent quality control standards, our company ensures consistent product performance and mechanical integrity seamlessly machine to machine. Each Phoenix machine undergoes a laser validation for ballscrew accuracy, a ball-bar test for concentricity, and a Mercedes test for mold making certification. These standards allow us to offer you a ***Two-Year Warranty*** as a standard feature instead of an option, ***and maintain an extremely competitive price.***

All machines are manufactured to insure stability with the smallest footprint possible. Footprints on our machines are as follows: VMC 500 is 94" X 91.3" X 100" with travels of X 20", Y 20", Z 20". The VMC750 is 102" X 91.3" X 100" with travels of X 30", Y 20", Z 20", and the VMC1000 is 121" X 106" X 116" with travels of X 40", Y 24", Z 26".

When purchasing your next machine, all you need to do is let the size of your part dictate which of our VMC machines to purchase, instead of what features are available.

Experience the exceptional ***VALUE*** of a ***PHOENIX MACHINE TOOL!***

Phoenix Machine Tool Ltd. maintains a marketing office in Barrington, Illinois, and a parts and service facility in Milan, Illinois. Take an online tour of our facility at our web site.

For further Information contact us at 847-304-6700 or www.phoenixmachinetool.com
For the dealer nearest you use our dealer locator number at **866-PMTCORP**.