

# SIEMENS

## FOR IMMEDIATE RELEASE

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### EDITOR NOTE:

Siemens will have information on this new system at their booth D-4208 in the Lakeside Center. You may also see this system onboard a working machine tool at the Reishauer booth B-7005 in the North Hall at IMTS, September 8-13, 2008.

## **SIEMENS SINORIX® WATERLESS FIRE SUPPRESSION SYSTEM NOW AVAILABLE FOR MACHINE TOOL APPLICATIONS**

### **Environmentally friendly suppressant safe for humans, won't harm tools**

BUFFALO GROVE, Ill., September 8, 2008 – Siemens Building Technologies, Inc., announces the immediate availability of its Sinorix® fire suppression system for machine tool builders and shop users alike. In the event of fire, Sinorix can quickly extinguish fires from the ignition of coolant, lubricating oil or other flammables associated with machine tool operations in production settings. Because the system relies on Sinorix 227\*, a clean, fast-acting environmentally safe suppressant, fires are extinguished within seconds without endangering workers or damaging machine tool components.

Research reveals that more than 10 percent of all machine tools using non-hydrous coolants will have a fire incident within five years after installation. With the Sinorix system onboard, fires are detected and extinguished quickly and automatically, preserving component integrity and allowing the machine to be restarted and returned to operation immediately if necessary. In fact, Sinorix and Siemens have a track record saving machines, extinguishing several fires and then responding quickly, refilling the cylinders and returning tools to service within 24 hours.

At the heart of the system are heat-detecting sensors connected to an intelligent control panel. When ambient temperatures exceed 135°F, the sensors located in the machine cutting area, dressing area and oil mist dispensing duct send a signal to the control panel which immediately triggers the discharge sequence. Suppressant, released under pressure attacks the fire at the molecular level, extinguishing it through properly positioned nozzles in the cutting theater. There is no residue or tool damage. Sinorix operates in two modes, either automatically activated by sensors, or manually via a manual release pull station.

\* Sinorix™ 227 suppressant is based on HFC 227ea technology for fast and reliable extinguishing. The Sinorix agent leaves no residue and can be easily recharged and put back in service.

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Because Sinorix fire suppression is actuated electrically and features onboard condition monitoring and automatic recording of relevant data, the system is virtually failsafe. As a result, false alarms and accidental discharges are virtually eliminated.

The system monitors all associated input and output devices. On activation, Sinorix automatically cuts the machine's power visual and audible alarms alert the operator to any off-normal conditions in the system. A connection to a remote fire alarm system is also possible. Sinorix draws 120V power from the plant supply but incorporates a battery back-up for loss of main power.

Sinorix is UL Listed and FM compliant, and is now available as original equipment for machine tool builders, or for retrofit on machines already in service. Installation and system training, plus suppressant cylinder refill services, are available from Siemens Building Technologies. For more information on the Sinorix fire suppression system, please visit [www.siemens.com/sinorix](http://www.siemens.com/sinorix).

As a leading provider of energy and environmental solutions, building controls, fire safety and security systems solutions, Siemens Building Technologies, Inc., makes buildings comfortable, safe, secure and less costly to operate. With U.S. headquarters in Buffalo Grove, Ill., Siemens Building Technologies employs 7,400 people and provides a full range of services and solutions from more than 100 locations coast-to-coast. Worldwide, the company has 28,000 employees and operates from more than 500 locations in 51 countries.

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For more information on Siemens Building Technologies, visit: [www.usa.siemens.com/buildingtechnologies](http://www.usa.siemens.com/buildingtechnologies)