

# CNC Machine Fire Suppression System Detects And Suppresses Fires, Turns Power Off

**JANUARY 19TH, 2016**

In the workplace, production cannot afford to be down for any length of time, yet the risk of fire in machinery looms over virtually every shop, plant and factory with the potential to unleash devastating damage and downtime.

Firetrace International can offer CNC machinery fire suppression in your machinery to instantly protect it from the risks of fire. Ultimately, these are fire extinguishing systems designed to protect your machines by detecting when there is a fire present and extinguishing it before it has chance to develop and cause extensive damage.

Automatic Fire Suppression Systems are ideal for CNC machines that use oil--based lubricants that can overheat, ignite, and cause a flash fire. Featuring a flexible, polymer tubing that ruptures when exposed to a flame, these automatic systems detect and suppress a fire by flooding the machining area with a suppression agent.

Firetrace Automatic Fire Suppression Systems for CNC machines are UL listed and the flexible; polymer tubing can be installed in narrow spaces near the cutting or erosion head. Systems are capable of discharging from 3 to 20 lbs of a fire suppression agent such as CO2 (carbon dioxide) or a "clean" extinguishing agents such as Chemours<sup>™</sup>FM--200<sup>™</sup> or 3M<sup>™</sup> Novec<sup>™</sup> 1230 Fire Protection Fluid. These gaseous extinguishing agents are non--conductive, non--corrosive, leave no residue on the machine or work--piece, and will not contaminate expensive metalworking oils or fluids

Every machine shop should have a plan in place for fire prevention. Industry studies show that 43% of businesses closed by a significant fire never reopen, and another 29% fail within three years after reopening. Therefore, preventing fires should be a priority for every shop, especially if machines run unattended. Supplementary fire suppression systems that safeguard equipment are highly recommended.

Firetrace Automatic Fire Suppression Systems for CNC machines are priced according to type of suppression agent, cylinder size, and configuration.

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## **About Firetrace<sup>®</sup> International**

ISO 9001:2008 registered Firetrace International is headquartered in Scottsdale, Arizona, with its EMEA offices in Gatwick in the UK. Genuine Firetrace is available only via Firetrace International's global network of authorised distributors. These trading partners are skilled in hazard analysis, agent and system selection, installation, commissioning and support. They also use only genuine Firetrace components.

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