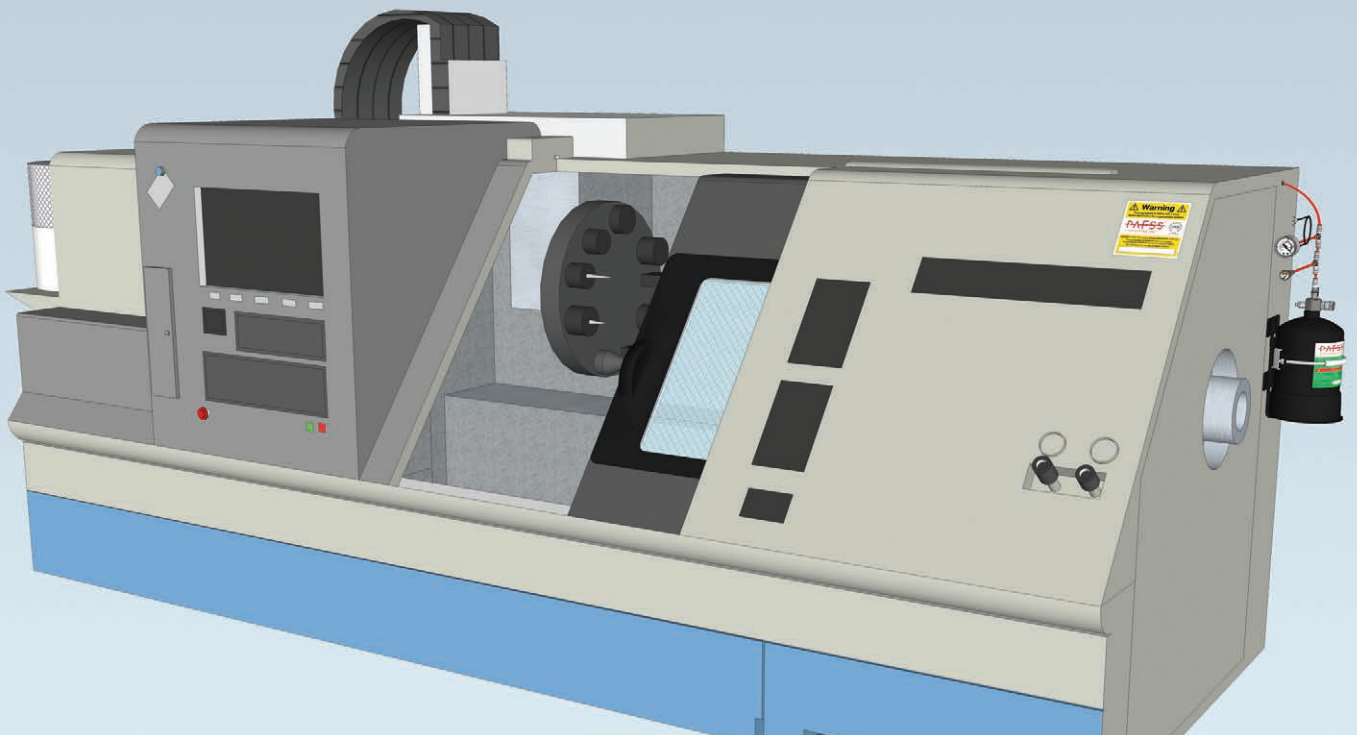


PAFSS[®]

PNEUMATICALLY ACTUATED FIRE SUPPRESSION SYSTEMS



CNC Machine Fire Protection

Automatic Fixed
Fire Suppression Systems
for CNC Machines

- > [JACTONE.COM/PAFSS](https://jactone.com/pafss)
- > +44 (0)1902 357777
- > pafss@jactone.com

Jactone[®]

Why choose PAFSS®

▶ THE PROBLEM

CNC machines carry out a wide variety of tasks with great accuracy. These machines allow for a more automated control, improving productivity and efficiency.

CNC machines and automated machinery can work for long periods of time, often unattended. This can present a particular problem where unattended automatic machines, tool breakage and processes that involve flammable lubricants or coolants increase the risk of fire.

Fires in such machines can be a serious threat to the machine, operator and the wider building. If the machine is unattended it can often be too late to take action against the fire.

▶ THE PAFSS SOLUTION

CNC machines require a specialist fire suppression system that is capable of detecting and extinguishing a fire situation within the CNC machine workspace, dealing with the fire event locally before it can more fully develop.

PAFSS systems are specifically designed to detect and discharge inside the CNC machine at the heart of the fire, extinguishing quickly and preventing any spread or escalation of the fire to neighbouring equipment and the wider building. This can significantly reduce the risk of injury to personnel and losses caused by equipment down time and operational disruption.

PAFSS fire suppression systems offer peace of mind for customers looking to protect their assets and staff from the risk of fire.

On guard 24 hours a day, 365 days a year



*UL Listing for PAFSS detection tubing



PAFSS FEATURES

Our pre-engineered systems have many advantages, including :

- › Simple to install and maintain. Easily fitted to new or existing equipment.
- › Fast, automatic detection and extinguishing.
- › Linear heat and flame detection, allowing for an unlimited number of detection points.
- › Highly reliable PAFSS detection tubing. Remains unaffected by dirt, dust, debris and oil.
- › Flexible detection tubing can be located adjacent to the identified risk areas, providing fast effective detection.
- › Stainless steel discharge pipework and nozzles.
- › Requires no power supply for detection or actuation, remaining operational during power interruption.
- › Superbly engineered specialist valves and pressure vessels containing clean agent extinguishant.



DIRECT SYSTEM

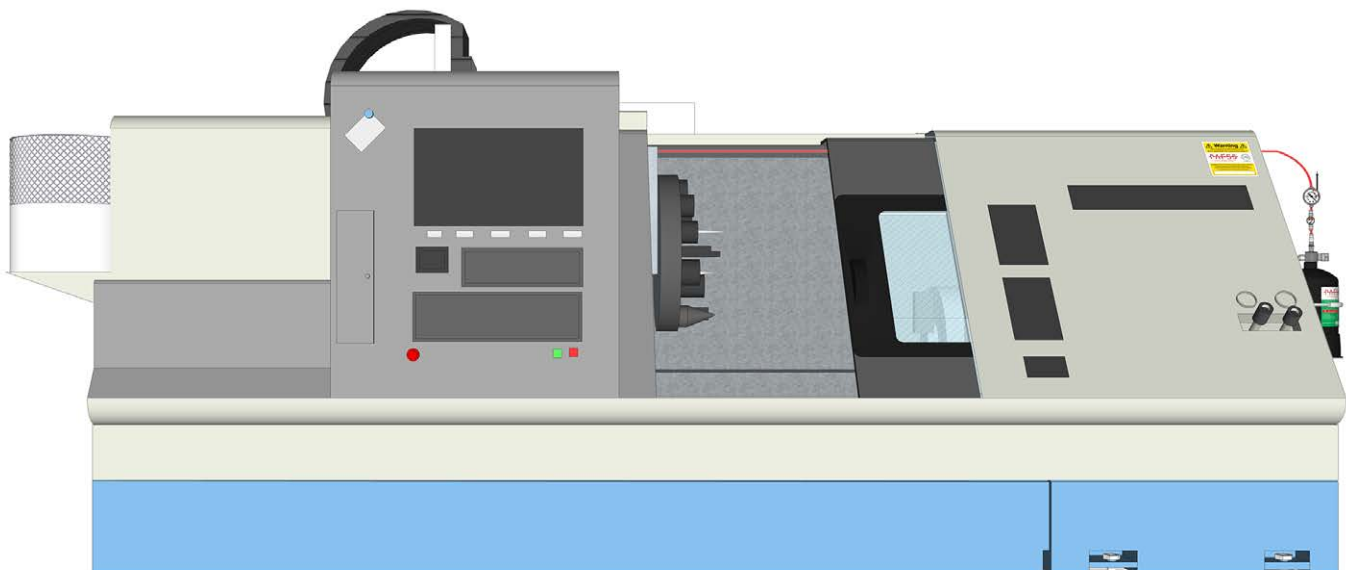


INDIRECT SYSTEM

HOW PAFSS WORKS



Jactone PAFSS fire suppression systems require no power for detection or to operate. PAFSS detection tubing is installed throughout the risk areas of the enclosure, providing fast and effective detection. Upon flame impingement or high ambient temperature, the pressurised detection tube ruptures with a burst at the hottest point. The extinguishing agent is then discharged from the connected cylinder either through the burst hole (**DIRECT SYSTEM**) at the heart of the fire or via the stainless steel pipework and nozzles (**INDIRECT SYSTEM**) which are aimed at the hazard area inside the workspace.



PAFSS[®]

PNEUMATICALLY ACTUATED FIRE SUPPRESSION SYSTEMS



UK manufacturing and assembly



On guard 24 hours a day, 365 days a year



Simple to install and maintain



Technical expertise, training and support



> [JACTONE.COM/PAFSS](https://jactone.com/pafss)

> +44 (0)1902 357777

> pafss@jactone.com

Jactone Products Ltd
Springvale Business Park,
Springvale Avenue, Bilston,
West Midlands, WV14 0QL
UNITED KINGDOM



Certificate No. FM 25049



Fire Industry Association

