



Fire & Safety Industries

Global Fire Solutions

Foam-Guard Electric Fire Suppression System

Fire & Safety Industries (FSI) are a leading global provider of fire suppression solutions.

FSI's latest innovation, the Foam-Guard Electric Fire Suppression System is an Australian market first designed and engineered to provide enhanced fire protection capability for mobile plant and equipment where high performance operation is critical.

www.fireandsafety.com.au



FSI Foam-Guard Electric Fire Suppression System

Fire & Safety Industries understands the importance of having a comprehensive, efficient and effective fire suppression system and we continually research, develop and refine our products to ensure that customers are provided with the most advanced fire suppression solutions available.

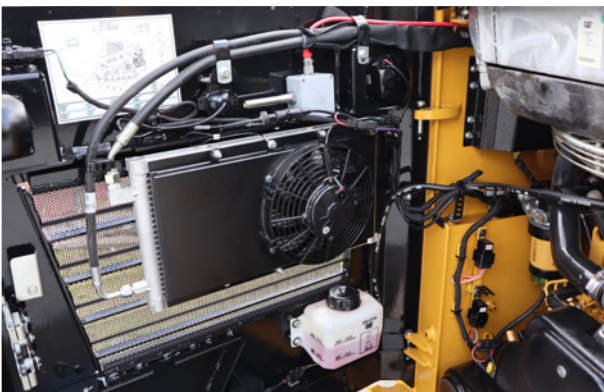
Our systems are proven within the mining, forestry, construction, transportation, marine and manufacturing industries and are capable of withstanding harsh environments, extreme temperatures and severe vibration across all applications.

Fire & Safety Industries is proud to introduce our latest development - The Foam-Guard Electric Fire Suppression System. Simple in design, versatile and easy to install the Foam-Guard electric system provides end users with enhanced reliability and increased up time.

The new Foam-Guard Electric Fire Suppression System incorporates several industry leading design innovations including wireless real-time system status monitoring and autonomous actuation modes creating an even greater level of protection to safeguard personnel, equipment and the environment from significant loss or damage.



Manual Electric Actuator



Thermal Probe



V5 Series Panel

In the event of a fire, correct operation and performance of the onboard fire suppression system is mission critical. By completely engineering out the reliability pitfalls associated with pneumatically operated fire suppression systems, FSI has significantly enhanced equipment operator safety.

FSI's Foam-Guard Electric Fire Suppression System utilises a plug and play electric detection and actuation circuit of which the benefits are multiple and include:

- Complete removal of actuation line pressure losses associated with aggressive environments
- Complete supervision of detection and actuation, open and closed-circuit faults and alarms
- Simple installation and commissioning when opposed to existing hose-based actuation systems
- Reduced service requirements
- Reduced actuator footprint in relation to existing LOP and ROP actuators
- Switch operated manual release mechanism requiring minimal force to actuate
- Prefabricated display and actuator mount plate for simple in-cab fitment
- Actuator locking mechanism designed without requirement for security tie
- Resin filled enclosures providing unrivalled anti-vibration and debris ingress protection
- FLD detection wire, Thermal Probe and IR compatible.

Note: Where customer fire suppression specification requires pneumatic detection mechanisms, FSI Foam-Guard Electric manual actuators may still be used in conjunction with FSI V5 control modules.

The FSI V5 Series Foam-Guard Fire Alarm Panel has been designed to provide enhanced reliability monitoring for mobile plant fire systems and has undergone

significant hardware and software upgrades from previous versions to enable wireless programming and real time status monitoring as part of an extensive range of new benefits and features.

Functionally, the new V5 control module offers users real-time 'on the move' diagnostic and data capture capabilities all wirelessly via FSI's new AssetCONNECT iPad app. AssetCONNECT provides reporting on critical internal system operations facilitating straightforward and efficient diagnostic troubleshooting. Data logs are easily downloaded and can be emailed directly from within the application facilitating simple and accurate reference to operational performance.



AssetCONNECT

FSI's V5 control module has also been engineered to integrate with autonomous machinery. Auxiliary remote actuation system inputs and alarm signalling outputs are present specific to remote telemetry operation.

As with all FSI Foam-Guard vehicle systems, our new Foam-Guard Electric Fire Suppression System is fully compliant to the conditions of AS5062-2016 and compatible with our Fluorine Free (F3) Foam suppressant solution, as required under government regulation.

For more information on the Foam-Guard Electric Fire Suppression System contact our team today.

Fire & Safety Industries

www.fireandsafety.com.au

1800 374 374

Follow us 



CONTACT

Brisbane (Head Office)

2 Devlan Street, Mansfield QLD 4122, Australia

Mackay

6/16 Transport Avenue, Paget QLD 4740, Australia

Moranbah

83 Belyando Avenue, Moranbah QLD 4744, Australia

Blackwater

11 Mulga Street, Blackwater QLD 4717, Australia

Emerald

6 Retro Street, Emerald QLD 4720, Australia

Singleton

8 Longworth Close, Singleton NSW 2330, Australia

Phone: 1800 374 374

E-mail: sales@fireandsafety.com.au

www.fireandsafety.com.au

LOCATIONS

Indonesia • Mongolia • New South Wales • Northern Territory • Philippines
Papua New Guinea • Queensland • Singapore • South Africa • Cambodia
Myanmar • Laos • Thailand • South Australia • Victoria • Western Australia