



## HI-TECH FIXED INSTALLATIONS

A complete range of Fire Suppression Systems, from straightforward local protection to complex total solutions.

  
fire & rescue systems



## Fire suppression systems for buses.

Most bus fires start in engine compartments and surrounding areas. A tested and classified fire suppression system in combination with good fire detection, is the best first response in case of an emergency.

A fire fighting system can be activated in two situations; in sensitive smoke detection, or during the fire to limit its spread. Preventative measures is highly effective in damage risk reduction. A fire suppression system also prevent fire when the bus is in depot.

Dafo was the first company to pass stipulated bus fire tests. Many of the world's leading bus manufacturers install Dafo bus systems on the assembly line. These systems are adapted to suit manufacturers' requirements for fast installation, simple maintenance and guarantees outstanding reliability under demanding conditions.

Dafo always supply approved systems according to new regulations. Our extensive distribution network ensures our customers first class service and maintenance regardless of geographical location.



## Fire safety for contracting mining machinery.

Fires in vehicles often take hold very quickly and are hard to extinguish with a handheld extinguisher. A correctly dimensioned fire suppression system offers you fast, effective protection that limits the consequences of a fire. We have until today sold more than 100 000 systems to leading manufacturers as Volvo, Atlas, CAT, Scania, Sandvik, Komatsu, MAN, John Deere, Ponsse etc.

Insurance companies demand on-board extinguishing systems on machinery used for forestry, peat and chipping. Correctly planned and installed, a fire suppression system is a fast and effective way of providing the protection you need to prevent disaster.

Dafo supply systems approved by SBF in accordance with SBF 127 & SBF 128. Agents as Forrex, the unique non corrosive, freeze protected Wet Chemical is used. We have more than 30 years experience of fire suppression systems for vehicles, adapted to suit the most demanding conditions.





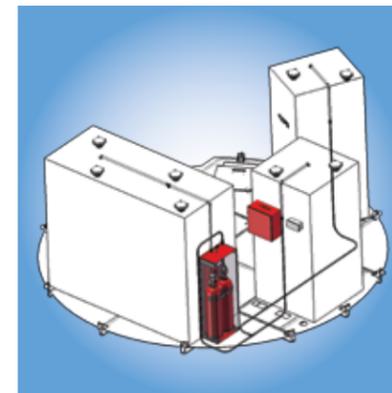
## Fire at altitude.

"Fire in wind turbine had to burn itself out". The newspaper headline says it all. A fire in the nacelle of a wind turbine is hard to extinguish. The nacelle is the size of a small apartment and full of electrics, electronics and hydraulics. A fire can take hold quickly and can rarely be fought and extinguished from the ground.

Besides total loss of the wind turbine and a threat to the lives of people, a fire poses an enormous risk to the surrounding area, mainly on account of pieces breaking away and falling. Downtime and repair times following a fire are enormous, resulting in massive expense.

Dafos automatic suppression systems protect brakes, generators and electronics. These systems detect fires early on and extinguishes them automatically, while at the same time stopping the turbine and issuing an alarm to the monitoring centre.

All systems are customised and designed to suit different types of wind turbines. Delivery and installation take place at the manufacturer's premises, but the system can also be easily retrofitted to turbines that have already been commissioned. Remember, fire protection is protection of the environment!



## A safer workplace.

Data loss and downtime are two of the most costly problems that can affect a business. A fire in a data hall, transformer room or some other critical area can have enormous consequences and result in long periods of downtime. Therefore, in many cases these rooms are protected with automatic gas extinguishing systems.

Inert gas **IG55** is a mixture of the air gases nitrogen and argon, and extinguishes fires by reducing the oxygen content to a point where combustion no longer can occur. This requires an approximately 50% mix with the air. It is stored compressed and uncondensed and is totally dry. When deployed, there is no condensation that can cause harm to moist sensitive equipment.

IG55 is clean and pure and leaves no residues that have to be taken care of after discharge. It does not affect the ozone layer and has no impact on global warming. The gas is non corrosive and non conductive and can be used directly on electrical installations. Because the reduced oxygen atmosphere required to put out the fire still is breathable to humans, IG55 is ideal to use in normally occupied areas.





## Recycling solutions.

Technological progress gives us a more and more exciting life, but also more and more electronic waste. Demands for environmentally friendly recycling solutions are growing increasingly important. When installing recycling plants, it is a big investment and above all a big favour to the environment.

A fire can be a disaster both for a company's economy and the environment. Therefore we have developed a design for fire fighting systems, specializing in recycling constructions for electronic waste, tyres, biomass etc. These suppression systems consist of two independent parts, one automatic and one manual system.

We also offer well proven fire suppression systems for mobile crusher, which can be installed either at the manufacturer or after delivery.

All our fire suppression systems are designed, installed and maintained in accordance with the appropriate standards.



## Safe with Dafo Brand.



Since its beginnings back in 1919, Dafo Brand has developed into a modern, high-tech company. As one of the biggest Nordic suppliers of fire safety and rescue equipment, we have the very best solutions to offer every customer. No matter what their size.

We can help you to find exactly the right products to suit what you do. Fire safety, extinguishing equipment or rescue equipment; we can make sure you always have the solutions you need. Our aim is to make sure all our customers are safe and secure.

We have four main business areas: Fire extinguishers and first line fire safety; On-board extinguishing systems, Rescue equipment and Service & training.

