

Feyter Group

Location: **Europe** Distributor: **FirePro Cyprus** Application: **Vehicles** Industry: **Services**



Feyter Group, founded in 1959, is a regionally and internationally oriented group of companies, operating in the fields of Forklift Services, Industrial Services, and Civil Engineering. The Forklift Services division of the Group is particularly experienced in material handling, offering Warehouse Machines, Forklifts, Telehandlers, Container Handlers and Port Equipment. Today the various companies jointly employ about 200 employees.

The Task

To design, supply, install, commission and maintain a fire detection and suppression system that internally protects the engine of the Kalmar Container Handlers. The system should be compact, due to the limited space available in the engine compartment, and effective for the Classes of fire involved. Furthermore, since the container handlers will be employed in the Limassol Port, one of the largest and busiest ports of the Mediterranean, the system should be reliable and require minimum maintenance over its lifetime, as any downtime can lead to significant costs with a far-reaching effect.

FirePro Generators used:

4 x FP-1200/vehicle

Risks Involved & Consequences

Fire incidents involving container handlers usually occur when flammable hydraulic oil or diesel fuel sprays or leaks through hoses or bad connections onto the surfaces of the engine, which during normal operation could reach temperatures exceeding those needed to ignite any spills. A small fire can escalate rapidly, causing irreparable damages to the container handler, as well as potentially endangering the safety of its operator.

Why FirePro?

FirePro systems are compact and lightweight, making them an ideal solution for the limited-space engine compartment of these forklifts. Furthermore, FirePro technology is suitable for fires involving a combination of Class A combustible materials (wires), Class B flammable liquids (fuel), and Class C (electrical equipment). Most importantly, our pre-engineered condensed aerosol generators can be easily installed and require minimum maintenance costs over their 15-year certified lifetime, as they are non-pressurized and do not include a complex system of piping and nozzles. Last but not least, FirePro technology is eco-friendly, and it will not contaminate the site with environmentally hazardous substances.



Results & Implementation

The client's engineers chose the FirePro fire suppression solution since it combined all the operational and technical parameters required for this particular risk. FirePro Cyprus successfully designed, installed and commissioned the fire suppression systems on the container handlers with the least disruption to operations. FirePro systems are now protecting the operators and the vehicles on a 24/7 basis. In case of a fire incident and the consequent activation of the fire suppression system, FirePro generators can be easily replaced with minimum downtime.

