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FOGTEC RAIL Systems receives orders from Stadler– for trains from Northern to Southern Europe

Throughout the last months the Swiss rolling stock manufacturer Stadler kept on expanding their markets and was able to acquire some very good projects from Northern to Southern Europe.

The vehicles had to be equipped with an active on board fire protection system. In this connection, Stadler Bussnang AG decided in favour of FOGTEC Rail Systems, one of the business units of FOGTEC Brandschutz GmbH & Co. KG. The whole order package comprises nine individual orders.

The biggest order includes 50 five- car vehicles for Norway. These newly developed Flirt NSB Flirts are ordered from the Norwegian State Railways and has an option for further 100 vehicles. The vehicles are particularly designed to fit the Norwegian broad gauge and they fulfil the new crash norm standards as well as the different requirements concerning the harsh Northern climate.



FOGTEC will supply for the vehicles the fire detection on the basis of the approved “Series 9000” as well as the FOGTEC fire fighting systems installed in the power converter. For that project FOGTEC could benefit from the experiences made from the Flirt vehicles already build for Helsinki.

The most significant contrast to the above mentioned order – at least in the climatic sense– are the two orders by the North-Italian operator LeNord (once FNM).

Stadler delivers eight 2/6 GTW as well as eleven 4/12 GTW, both DMU types. According to the Italian legal framework the vehicles must be equipped with a fire fighting system, on the basis of the FOGTEC high-pressure water mist system. The many years of experiences in the Italian regulation system and the acceptance by the Italian regulatory authorities helped FOGTEC to perform.



Based on the numerous Flirt vehicles operating for the Swiss National Railways, the 14 Flirt vehicles for France will also be equipped with an on board fire fighting system. The fire detection System is again based on the well-proven “Series 9000”.

The other orders include the 16 DMUs and EMUs of Stadlers “Gelenktriebwagen”, operator for these vehicles is the Graz-Köflacher-Railway and the Steuermärkische Regional Railway. For the first time Stadler implements the fire detection system of the “Series 3000” in these projects. On account of the requirements by the Austrian regulatory authorities these vehicles are featured with a fire detection system in the passenger compartment as well as a fire protection system for the engine components. The engine components additionally incorporated a fire fighting system using the FOGTEC technology of high-pressure water mist.

Also 11 Stadler “Gelenktriebwagen” for the local network in Dallas are featured with the fire detection system of the “Series 1000” as well as a proper fire fighting system on the basis of the FOGTEC – water mist system.

The system for the narrow-gauge locomotives for the Southern Austria “Schneebergbahn” comprises therefore only a fire detection system, also on the basis of “Series 1000”.

Today the FOGTEC Rail Systems Team is one of the leading suppliers of system technology for fire protection solutions in rail vehicles. Its performance portfolio comprises the complete range of services from consulting over supplies of components and complete systems including installation and maintenance of the fire protection systems.

The product portfolio of FOGTEC comprises all important components of the fire detection and fire fighting technology as well as of the peripheral and supplementary products; each in the especially for the rail traffic approved completion. This also applies for such implementations which demand increased safety requirements regarding the system functionality.

In case of any questions regarding our product or services please do not hesitate to contact us any time. Please send an e- mail to: rail-contact@FOGTEC.com