

We put special emphasize on a purely mechanical nozzle disconnecting feature without external energy, in order to exclude time delay and not to create unnecessary factors, which can cause a defect. A further important point of view concerning the system design was to avoid a direct connection to the exhaust pipe and a direct clamping to the exhaust pipe. The advantage is a system that is not "sealed", that means there is a constant suction capacity in the system. The exhaust gas flow is not stopped or forced by the system and an „oversuction“ is avoided. There are no loops of suction



hoses, which are connected to the exhaust pipe, but the hose is guided closely to the vehicle. This avoids risk of accident in the passing area, a thing fire-department accident insurance funds are paying more and more attention on. Furthermore electric or magnetic fields near the electronic of



life-saving devices, aggregates, radio transceivers or motors are avoided. With our systems a suction is possible even with backing into the hall, since these systems work in both directions (no lateral load on the exhaust pipe). Please consider the stay in the fire-station normally is significantly longer after the action is completed than before the action.

Neben dem System AFA SAFEConnect, welches mit Laufschiene (SAFEConnect light) oder Saugschlitzkanal (SAFEConnect comfort) erhältlich ist, liefert AFA aber auch weiterhin Einzelplatzsysteme und Schienensysteme mit automatischer Klemmzangenablösung. Eine weitere beachtliche Entwicklung ist uns für die Flughafenfeuerwehren gelungen.

Die Löschfahrzeuge 3000, 3500 und 8000 haben Hochauspuffanlagen und teilweise 2 Motoren, d.h. 2 Auspuffrohre. Um die Abgase dieser 320 bzw. 640 PS-Motoren abzusaugen, hat AFA Mitfahr-anlagen konzipiert, die ein Absaugvolumen von 4500 m<sup>3</sup>/h haben und an die außergewöhnlich hohen mechanischen Belastungen angepasst sind. Sprechen Sie uns an, wir beraten Sie gerne.



Furthermore the AFA SAFEConnect system, which is available with running rail (SAFEConnect light) or slotted suction duct (SAFEConnect comfort), AFA still delivers single-user systems and rail systems with automatic nozzle disconnecting feature.

A further important development could be realized for the airport fire-department. The fire trucks 3000, 3500 and 8000 have high level suction systems and partly 2 engines, that means 2 exhaust pipes. Suction of the exhaust of these 320 and 640 HP engines is possible with AFA mobile systems, which have a suction capacity of 4500 m<sup>3</sup>/h and which are adapted to the extremely high mechanical loads. Please contact us, we would be pleased to inform you.

