

MOD-Tech

Well thought-out concept, perfect design!

Vehicle with body consists of 3 independent modules:

- 1) Original commercial vehicle cab
- 2) EMPL "ALU" cab module
- 3) EMPL "ALU-Tech" equipment room body



The Advantages of the EMPL "Fire Fighter MOD-Tech":

- Minor intervention in the original cab of the truck manufacturer (corrosion protection)
- Accessibility for maintenance and service is retained as on the short cab
- Crew compartment and equipment body separated (no restriction of torsion)
- Optimum space utilisation in width, length and height (highest crew compartment)
- Optimum entry and exit comfort with applied breathing apparatus due to increased height of crew cab and door as well as pneumatic step
- Weight reduction of approximately 35% to 40% versus conventional materials
- 100% corrosion resistance and long service life
- Quick and simple repair when damaged
- Self-supporting design without additional braces
- Sound and heat insulation
- Reusable cab module (easy repositioning on other chassis possible)
- Shortened delivery times through modular design



When tilting the original driver's cab the crew cab remains mounted fixed on the chassis. Likewise, fire fighting body and crew cab are not interconnected so that no additional stresses are transmitted when operating in difficult terrain. This also simplifies accessibility for service operations on the truck.



Custom-made, individual bodies!



Fire Fighter
Mod-Tech



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EMPL MOD-Tech

The modular construction technology



Attractive GRP panelling at the rear with integrated access ladder, flashing lamps and traffic control installation round off the design of the EMPL fire fighting operations vehicles.

Walk-on roof design with stowage box, monitor and sliding ladder!



Additionally integrated LED lighting on both vehicle sides continuously provides well visible information on the water or foam tank level.



The crew compartment of the newly developed body version "MOD-Tech" is made of Aluminium and therefore guarantees an ideal corrosion protection.

The transition between cab and cab module is fitted with specially manufactured GRP covers adapted to the individual vehicle type. The specially developed design of the EMPL blue lights improves

Full-length, yellow handles on the roof lining and in the entrance and exit areas allow quick and safe entering and exiting of the cab, even with B.A. sets!

Roof and door of crew compartment are increased in height. Due to the optimum room utilisation in length, width and height, EMPL achieves the greatest interior height of all Austrian body manufacturers!

The pneumatically operating entry steps on the module provides additional entrance and exit comfort!

Lighting strips integrated in the entrance serve as additional safety for rapid entering and exiting the cab.

EMPL FIRE FIGHTING BODY IN THE "ALU-TECH" SYSTEM DESIGN PROVEN FOR YEARS!



"ALU-Tech" makes use of self-supported aluminium panels with honeycomb core and aluminium cover layer in- and outside. Fire fighting body with rotating shelves and sliding drawers, integrated interior lighting and surround illumination! Double C-rails made of aluminium permit flexible interior room design even long after the vehicle has been supplied.



EMPL FIRE FIGHTING BODIES WITH THE ALUMINIUM-PLASTIC HONEYCOMB TECHNOLOGY



TESTED AND PRODUCED ACCORDING TO THE LATEST EN SAFETY STANDARDS!



Flappable steps between the axles with integrated flashing lights for improved visibility!



Hygiene board with connection for water and compressed air, paper towel dispenser, liquid soap and disinfectant.



EMPL safety comfort racks with quick un-locking facility for breathing apparatus.



A generous opening in the interior ensures easy communication between crew and driver's cab. The EMPL sealing system prevents the entry of water and dirt! An additional outside window between driver's and crew cab as well as a large crank window allow best possible all-round vision!

High-Technology on customer request!

