

## ALPAS

The original in its third generation

Aluminum Panel System as a segment construction kit for rugged and flexible structures

**Ziegler**

We provide  
security.

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# We are ZIEGLER

As a future-oriented group, the ZIEGLER Group focuses on long-term business based on performance, reliability and sustainability.

A firefighting vehicle is an investment in the future. To ensure that this investment pays off for our customers, we guarantee the highest level of quality and innovation. That means: perfect craftsmanship, outstanding stability, optimal corrosion protection and flexibility for individual customer requirements.

This is complemented by our extensive range of firefighting equipment and components, which also meet the highest quality standards.





**We provide security.**

Our brand promise makes clear what ZIEGLER stands for: We see the protection of public security as our ultimate objective. In order to accomplish this task, it is our motivation and our approach to offer the best and most competitive portfolio of firefighting and emergency management solutions. We assume responsibility with respect to customer requirements and their satisfaction.

# ALPAS superstructures

## Aluminum Panel System

No compromises  
in its third generation



Scan to  
discover  
ALPAS





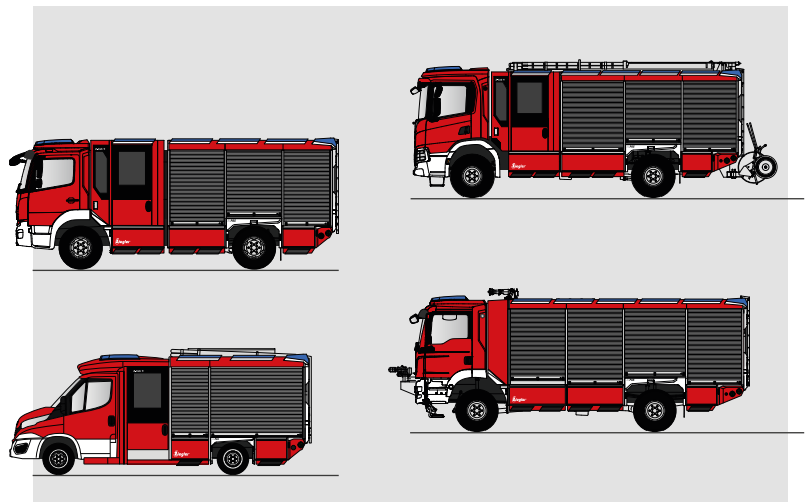
The third generation of ALPAS bases on our **experience** with thousands of vehicles since 1998

**Supporting structure**, outer vehicle shell and shelving system in one – lightweight and yet extremely robust, long-lasting and sustainable

**Space optimized** to handle the maximum load – comfortable and ergonomic unloading thanks to a low and continuous step height.

**Flexible interior** installation infinitely adjustable – the vehicle can be adapted later on for updated firefighting equipment.

**State-of-the-art Z-Vision lighting system** – controlled by the latest generation of Z-Control



## Diversity

Extended vehicle portfolio through flexibility in chassis, cab and wheelbase variants.

Space and weight advantages compared to previous ALPAS generations create capacity for larger water tanks and increasing requirements in the areas of drinking water protection and equipment.

## Continuous design

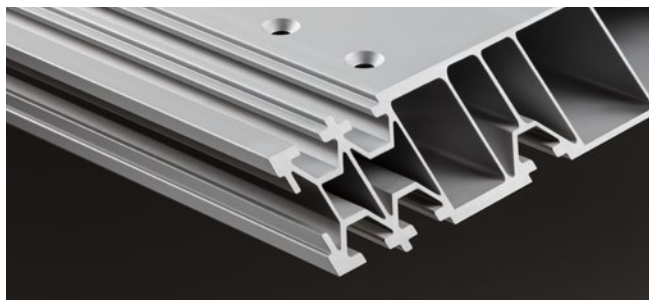
High design quality with continuous lines. Harmonious and modern appearance on all chassis. Tidy and clean structure.

The new ALPAS is uniform across the entire vehicle fleet from MLF to Z-Class.

# Panel

## Aluminum – light and sustainable

The material without alternatives for stability, lightweight construction and corrosion protection



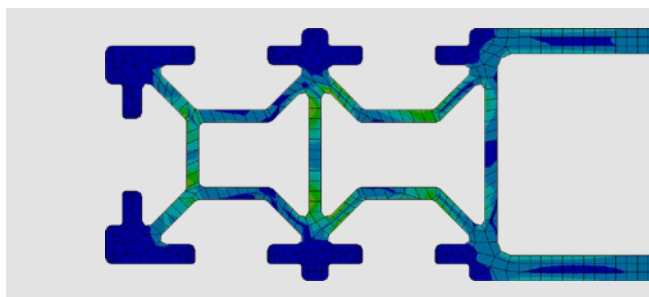
### Assembly without drilling

Channels on both sides, called load paths, allow stepless mounting inside and outside the superstructure without drilling. A conversion by the customer is possible at any time.



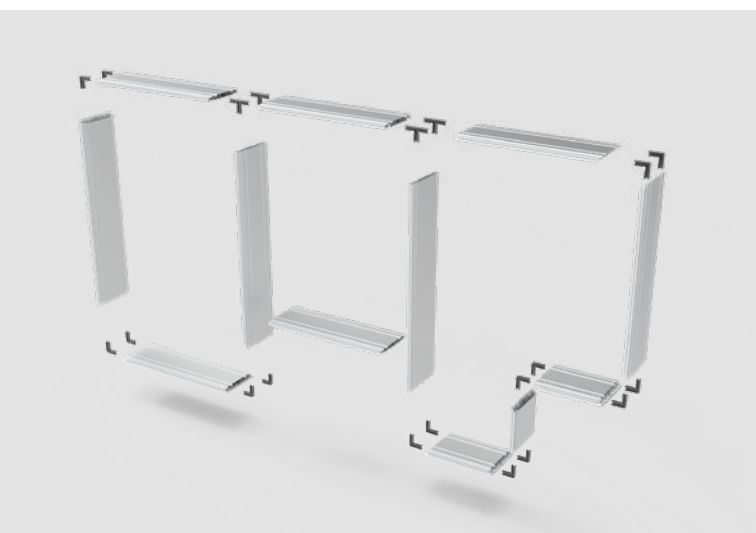
### Durable

After the panels are cut to size and drilled, they receive an extra strong 20 µm anodizing treatment. This provides sealed cutting edges and long-lasting protection against scratches and corrosion. Even after a long time, aluminum is recyclable and therefore sustainable.



### As stable as the everyday work demands

Many years of design experience, computer calculations and measurements under real conditions ensure excellent stability.



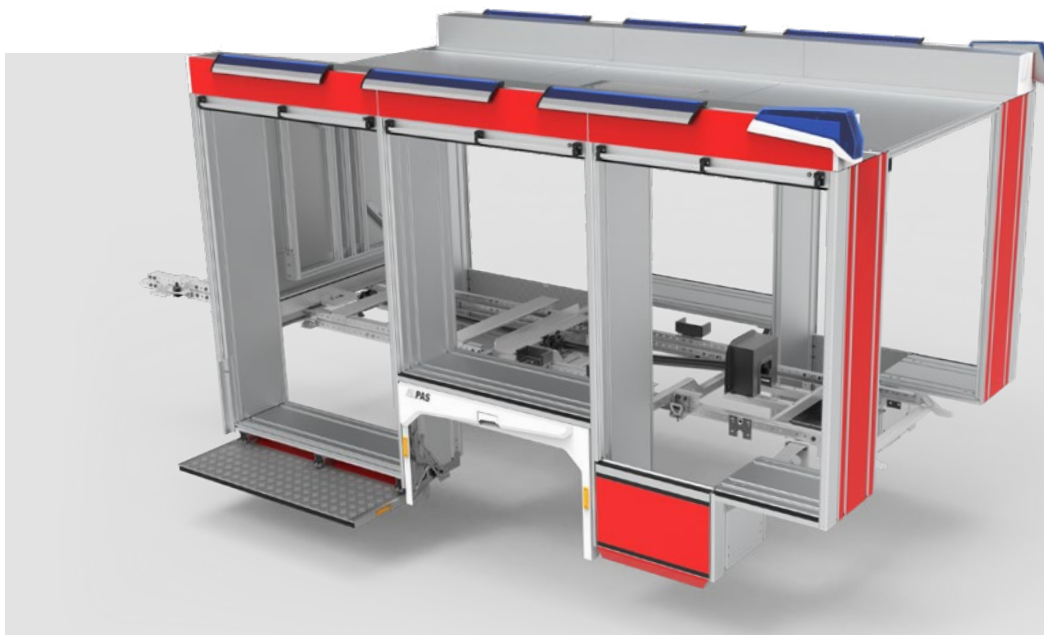
### ALPAS segments provide modularity

Increased stability due to self-contained segments. Modular superstructure consisting of front, axle and rear segments.

# Superstructure

## From panel to structure

Well thought-out construction  
creates space advantages



Internal extinguishing agent tanks for up to 6,000 liters of water offer **optimum weight distribution** and the best possible driving behavior. The space for **additional equipment** in the side compartments is therefore maximized, also thanks to the protected arrangement of the roller shutters on the roof.

Increased **load capacity** and arranged 100 mm lower – the new tailboard flaps ensure even more ergonomic load removal and are all at the same height. Stable and safe against slipping and stumbling.



### Interior installation without obstacles

Direct access to the load paths under the roof. Thanks to the roller shutter installation on the roof, the load paths in the compartment are accessible from all sides.



### Integrated functions

Integrated roller shutter trays and lighting save material in interior installation. Better overview and accessibility for loading with glare-free, cold-white LED light for high-contrast illumination.

Developer, manufacturer,  
trader and service provider –  
all from one source.



Extinguishing technology



Control and Operation



Firefighting vehicles



Hoses and Equipment



Service



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