



 **IMBOS
READY**



GW-L 2

Our Equipment Vehicle Logistics

Space savers on MAN, Mercedes-Benz, Scania and Volvo chassis

Ziegler

We provide
security.

www.ziegler.de



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.

GW-L 2

Equipment vehicle logistics

Where logistics takes shape

Built on



FMX



Superstructures possible on **MAN, Mercedes-Benz, Scania and Volvo chassis**

Electrohydraulic **tail lift**

Large, illuminated loading area with plenty of space

Well-thought-out use of all **storage space**

Generous **LED ambient lighting** for safe working around the vehicle

Continuous **low tailboard flaps** to the rear end of the superstructure

Built on



TGM New
Truck Generation



ULTRA POWER 4

Ergonomic removal of the Ultra Power 4 portable fire pump thanks to storage on a stable, heavy-duty pull-out in the lower compartment

Maximum loading capacity

In order to fulfill their duties, fire departments require more and more equipment and devices that cannot be stored in conventional firefighting vehicles. Our GW-L 2 has a large cargo area and offers two equipment compartments for firefighting equipment. The vehicle can be loaded and unloaded quickly using a tail lift.

Equipped with proven and innovative ZIEGLER features

ALPAS

Aluminum Panel System

Z-Control

Operating concept

Z-Connect

Vehicle and operation management

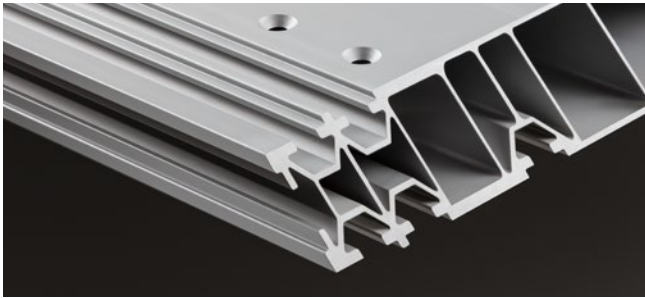
Z-Rack

Holder application

ALPAS

Aluminum Panel System

The latest generation of the proven ZIEGLER superstructure system



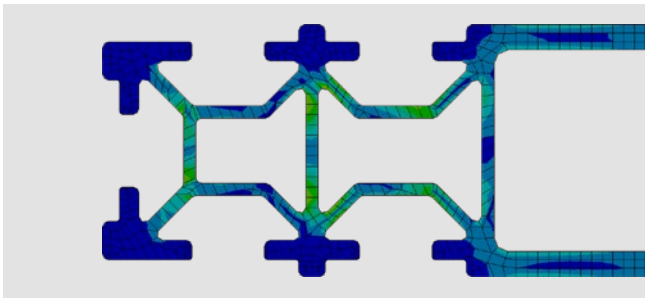
Assembly without drilling

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 stands for flexibility

While the cargo area can be configured as a sandwich, tarpaulin/bow frame, or swivel wall design, the equipment compartments are made of ALPAS for maximum flexibility. This allows you to adapt the equipment compartments to your individual loading requirements. The sturdy tailboard wall flaps secure all equipment and items stored in the lower area. When folded out, they allow ergonomic removal from the equipment compartments.



Strict acceleration and torsion measurements in accordance with internal guidelines on a wide variety of test tracks attest to the very high operational stability of our ALPAS vehicles.

The **torsionally rigid combination** of ALPAS and storage compartment forms a visual unit with the cabin

Robust **ALPAS cross member boxes** allow full use of the space behind the rear axle without compromising off-road capability

High **load capacity** and arranged low – the tailboard flaps ensure an ergonomic load removal and are all at the same height. Stable and safe against slipping and stumbling.



ALPAS lower compartment

The low-level bodywork extending to the rear axle as standard and the cross member boxes located behind the rear axle ensure maximum storage space – even in the lower compartment.



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.

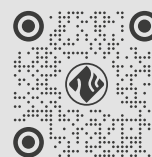
Z-Control

Operating concept

One system for all needs



Scan to discover
Z-Control



Flexibility through modularity

Due to the modular user interface, a maximum of flexibility is given. Single modules are used in control panels of the superstructure, in cockpit control panels and in manual control units.



Z-Control manual control units

Large buttons ensure safe and easy operation even when wearing gloves. The pneumatic light mast provides generous illumination of the emergency site. It can be extended and controlled using the manual control unit. The powerful LED spotlights can be rotated 360° in the desired direction and tilted in two separate areas.



Intuitive and modern operation

The necessary lighting on the vehicle is activated through the touch of a button to ensure safe working conditions in the surrounding area. Thanks to Z-Control, these functions can be controlled both in the cockpit and in the storage compartment.



Clearly structured control panels

Our Z-Control of the latest generation is characterized by its clarity. The operator has all functions at a glance and is supported by a user-guided operating sequence. The assistance system only displays functions that can be activated on the user interface.



Ergonomics and clarity in the cockpit

The machine operator and crew leader can easily overview and control all important functions via two separately arranged control panels.

Z-Control Hub

All-round connectivity

All apps, data and services
in one place



Scan to
discover
Z-Connect



Z-Control Hub serves as the central gateway to ZIEGLER's digital world. As an intuitive platform, it brings together applications, data and services, making it easy and efficient to take advantage of digital connectivity.

Z-Connect

Management platform

Z-Connect provides digital vehicle and fleet management and lays the foundation for modern fire department and incident management. Vehicles, equipment and personnel are interconnected via a powerful data platform. This provides a transparent, real-time overview of resources, vehicle status and incident information. The processed data helps incident commanders assess situations more quickly and make informed decisions. A growing portfolio of digital applications continuously expands the platform – from the visualization of operational and vehicle data to digital situational awareness and analysis functions. This creates a networked system that simplifies processes and connected operations more efficiently.

Z-Remote

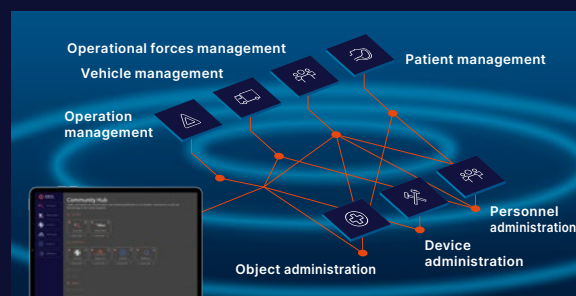
Remote service

Z-Remote is the remote access and service feature of our digital solutions. Authorized technicians gain secure remote access to vehicle systems to perform diagnostics, analysis and software updates remotely. Faults can be detected more quickly and support processes can be expedited. This reduces downtime and ensures that emergency vehicles are reliably maintained and kept ready for service.



IMBOS is establishing a Europe-wide data and information exchange between fire departments, emergency services and civil protection agencies. The neutral platform integrates data in real time and supports situational assessment, incident command and post-incident analysis. This sets new standards for security, availability, administration and data protection within government agencies and organizations responsible for public safety.

www.imbos.eu



Storage compartment

Overall logistics concept



The space above equipment compartments G1 and G2 can be used as storage space across the entire width of the vehicle. The design concept makes it possible, for example, to store all the equipment required for water delivery in just one equipment compartment. The LED light modules embedded in the roof of the superstructure provide optimal illumination of the storage compartment and can be individually expanded.

The electrohydraulic tail lift has a load capacity of up to 2,000 kg and allows rolling containers to be removed easily. When it is open, it can be folded down with a single movement and reduced by one meter. The ergonomically positioned control unit can be operated easily, even when wearing gloves. A roll-off guard integrated into the tail lift provides additional safety.

Loading

Customized to your requirements



In addition to the tail lift, the side door allows quick and safe loading and unloading of the vehicle. The door can be locked at 90° and 180° and is equipped with a handrail for safe entry.





Hose supply

640 meters of coupled, double-rolled B hoses in the wall of the superstructure are just one example of what ZIEGLER means with practical solutions. Thanks to an intelligent roll-off device, the hoses can be laid quickly and safely even when the tail lift is closed. Hinged side compartments secure the hoses stored on four levels and enable quick restocking. Our GW-L 2 offers the possibility of storing and laying a total of up to 2,000 meters of B hoses for water transport over long distances.



Unique swivel bearing

The individually expandable swivel wall extends across the entire equipment compartment. The mounting bracket with a stainless steel swivel mechanism allows the swivel wall to be locked in several positions, right up to being swiveled completely out of the equipment compartment. This function makes the equipment compartment accessible and allows safe and convenient access to the secondary load.

Optimal use of free space is achieved by an additional pull-out between the cab and the superstructure, which can hold equipment such as shovels, brooms and spades.

Features

Well thought out details

ZIEGLER's tried-and-tested popular solutions



Central electrical system as standard on a pull-out

The central electrical system, including the battery box, is stored on a telescopic pull-out shelf – always within easy reach. This guarantees easy and ergonomic access.



Rear light bracket

The integrated LED rear warning device, including a rearview camera, ensures optimum visibility even when the tail lift is open.



Quick entry

In just a few simple steps, a non-slip step to the side door of the cargo area allows you to quickly access the cargo area without opening the tail lift.



Hygiene board

One simple step is all it takes to provide a faucet, soap, towels and compressed air gun for initial cleaning at the point of use.



Equipment carrier

The extendable equipment carrier between the superstructure and the cab, on which the multifunctional ladder is stored upright, for example, enables bulky equipment to be removed ergonomically and safely.



Double cabin

The crew cabin can optionally be designed as a Z-Cab. The double cabin also offers every comfort and maximum safety for the journey to the scene of the emergency and for rapid deployment on site. In addition, in a double cabin, an aluminum shelf is installed between the B-pillars in the crew compartment for additional equipment.

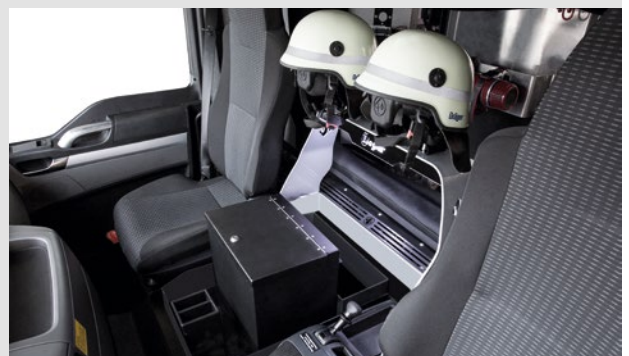


Storage space under the seats

The original seat box from the chassis manufacturer in the crew compartment can be individually expanded to accommodate equipment. Furthermore, PE containers can be loaded in such a way that they are easy to remove.

Z-Rack

ZIEGLER holder application in the cockpit



Document boxes and charging holders for handheld radios and lights can be placed in the space between the driver and passenger seats. Helmets can simply be placed on the holders with the chin straps fastened – then they are secured already.

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



Extinguishing technology



Control and Operation



Firefighting vehicles



Hoses and Equipment



Service

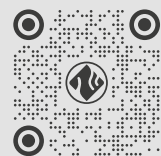


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