



**RW**

## Our Rescue Vehicles

Technical rescue solutions on MAN and Mercedes-Benz chassis



We provide security.

[www.ziegler.de](http://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.

# RW

## Rescue vehicles

Top-of-the-line features and efficient operational technology



Built on **MAN and Mercedes-Benz chassis**

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Neatly arranged **cargo**

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

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Innovative **ZIEGLER Features** offer numerous configuration options

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**Fully accessible roof surface** for additional roof boxes or ladder storage

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High-performance **winch** with maximum pulling force for any challenge

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Tested and certified on various chassis

## Ready for use anywhere

Equipped with state-of-the-art gear and safety-related technology, ZIEGLER rescue vehicles are perfectly equipped – even for challenging terrain.

The intelligent ALPAS superstructure, which is adapted to the chassis and its flexible equipment make the vehicle suitable for a wide range of applications, including technical rescue, emergency response and disaster relief.

Equipped with proven and innovative ZIEGLER Features

### **ALPAS**

Aluminum Panel System

### **Z-Control**

Operating concept

### **Z-Connect**

Management platform

### **Z-Vision**

Ambient lighting

### **Z-Rack**

Cockpit mounting application

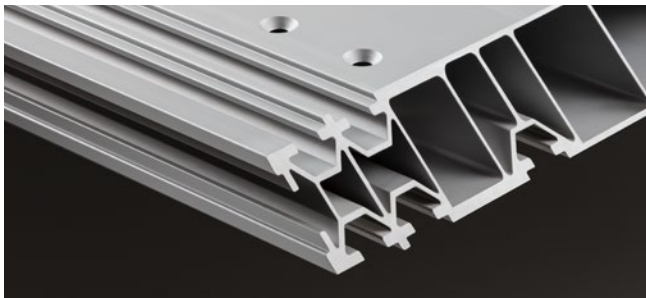
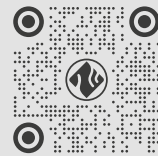
# ALPAS

## Aluminum Panel System

The latest generation of the proven ZIEGLER superstructure system



Scan to discover ALPAS



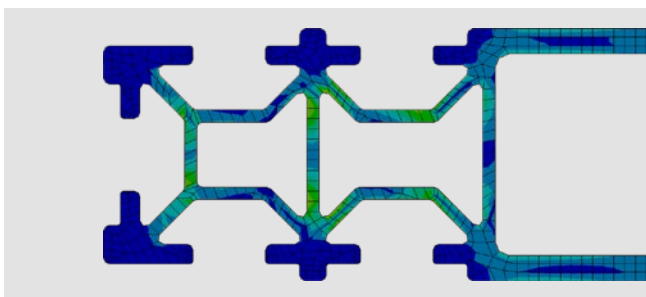
### Assembly without drilling

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.



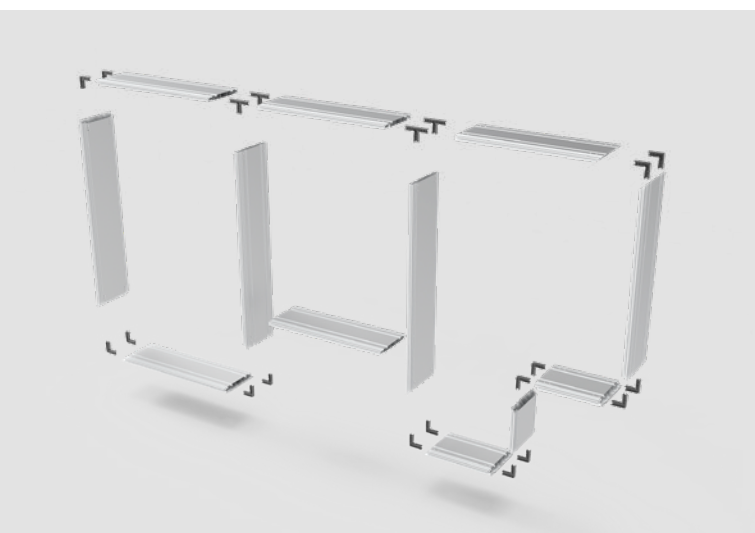
### Durable

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



### Secondary loading

Behind the swing-out panel, more than two meters of headroom are available. The space is utilized with maximum efficiency. The 135° opening angle improves accessibility, visibility and operational safety.



### Efficient use of storage space

Our rescue vehicle offers one of the largest cargo compartments in its class. From the lowest level to the top, ALPAS ensures a consistently optimized interior layout and maximum use of available space – for more equipment, better organization and maximum operational flexibility.

Smart distribution of all loading in the superstructure offers **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.

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.



### 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.



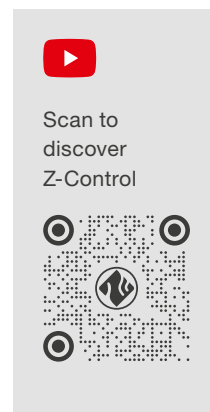
### Integrated functions

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.

# Z-Control

## Operating concept

One system for all needs



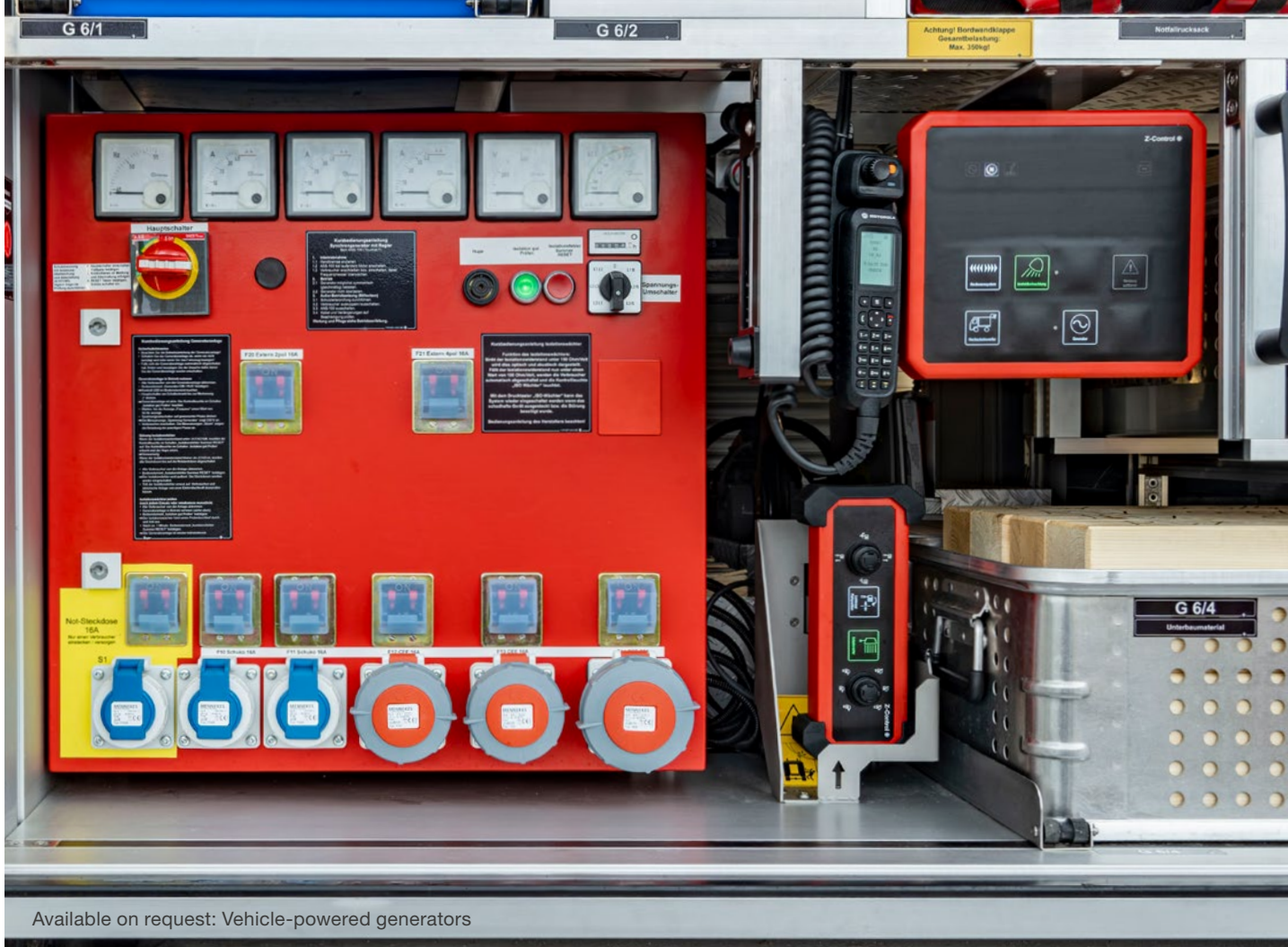
### Flexibility through modularity

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.



Available on request: Vehicle-powered generators

### 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

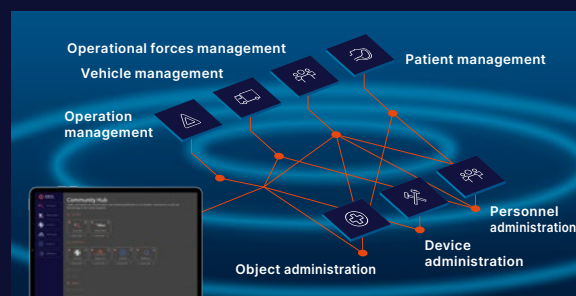
Remote service

**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](http://www.imbos.eu)



## Ambient lighting and beacons

Excellent to see and to be seen



Scan to  
discover  
Z-Vision



### Ambient and vehicle lighting

The vehicle lighting for road use features LED technology as standard – durable, energy-efficient and low-maintenance. The powerful ambient lighting ensures uniform and wide-area illumination of the vehicle's surroundings. The illuminance significantly exceeds the required standard values and guarantees optimal visibility – even under demanding operating conditions.



### Top Integro roof module

With its flat design, Top Integro is the optimum solution for a low vehicle height. The LED lights are extended far around to the side of the vehicle, cross traffic is warned in the best possible way.



### Tailfin beacon on the end of the superstructure

Integrated into the corners of the superstructure, the Tailfin warns not only while driving, but also when using the access ladder or lowered ladder frame to the rear and sides.

# Loading

Customized to your requirements

Optimized for maximum payload and safety



Even more space for loading is available due to the flexible ALPAS superstructure of the latest generation. Should your needs ever change, it is still possible to flexibly retrofit the interior and your loading without any problems – even after years.



#### Clear layout

Clear labeling and an ergonomic layout enable easy removal of equipment using aluminum slides or plastic containers, depending on the application.



Loading example  
Mercedes-Benz Atego  
All-wheel drive chassis



# Features

## Well thought out in every detail

Long-proven and popular solutions from ZIEGLER

### Tail lift

#### Maximum flexibility at the rear

The powerful electro-hydraulic tail lift sets new standards in load capacity and handling on the rescue vehicle. With a load capacity of up to 2,000 kg, it allows for effortless removal of heavy rolling containers, ensuring a smooth flow of materials at the scene. Thanks to its intelligent design, the platform can be folded up in a single motion while open, reducing its length by one meter, which significantly increases flexibility during maneuvering.

The integrated roll-off protection ensures maximum safety during the loading process by reliably preventing the load from shifting uncontrollably. Operation remains intuitive even under extreme conditions: the ergonomically positioned control unit is specifically designed for operational use and can be operated precisely and effortlessly, even when wearing heavy firefighter gloves.



### Winch

The permanently mounted winch, with a pulling force of 50 kN, is integrated into the chassis frame. It ensures maximum performance, optimal space utilization and a high level of operational safety.



### Spacious roof storage boxes

Two large roof boxes provide extra space for bulky equipment and also allow for the safe storage of ladders. Efficient organization ensures quick access and operational safety.



**Batteries on a sturdy pull-out**

The pull-out allows easy access for removal, replacement or visual inspection. This reduces maintenance time and increases operational safety during daily use.



**Heavy equipment in the lower compartment**

The hydraulic rescue kit is stored for quick and easy removal – ready to use in seconds for quick access and efficient operation.



**One-handed operation**

Pull-out equipment panels provide optimal access to equipment thanks to their low operating force and one-handed release mechanism. They also ensure efficient use of available space – even when fully loaded



**Rapid intervention unit electricity and compressed air**

Power and compressed air lines are immediately available at the operation site via the installed reel. This enables the immediate use of pneumatic and electric tools for technical rescue operations.



**Rear pull-out**

The large rear pull-out is designed to hold bulky cleaning tools, such as shovels and brooms. These are easily accessible and securely stored.



**Safety through all-around visibility**

The bird's-eye view system, which provides 360° surveillance of the surrounding area, is complemented by the lane-change assist. This eliminates blind spots and actively prevents collisions during complex maneuvers.

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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