

Innovation Rollout 2020

ZIEGLER presents its latest generation of ALPAS

Giengen, March 2020 – For ZIEGLER, the INTERSCHUTZ year 2020 would have taken place under the motto #whateverthechallenge from the beginning. Due to the rapid spread of the coronavirus the world leading firefighting trade fair has been postponed to 2021. Of course, ZIEGLER stands totally behind this decision of the “Deutsche Messe” and considers it as the only right way. The protection of health of trade visitors, exhibitors, all firefighters and other rescue forces is the most essential thing.

The motto #whateverthechallenge however still remains a guiding principle for ZIEGLER. It is now more important than ever to the manufacturer. Our current situation once again shows that there are challenges which are not predictable. ZIEGLER responds to this and takes the motto #whateverthechallenge as a foundation stone for the “ZIEGLER Innovation Rollout 2020”. Thanks to the continuous product development and innovations, ZIEGLER is now in a better position than ever and prepared for every single challenge to come.

During the whole year 2020, different innovations will be presented by ZIEGLER. Of course, they will be shown on the INTERSCHUTZ 2021 as well.

ZIEGLER starts the “Innovation Rollout 2020” with the presentation of the latest generation of ALPAS.

What does ALPAS mean?

The patented **Aluminum-Panel-System** ALPAS is the base of every ZIEGLER superstructure – a perfect example of the ZIEGLER philosophy of quality. ALPAS has been constantly developed and is said to be one of the best superstructure systems of the industry. ALPAS is characterized not only by its extreme flexibility but through (value) stability and longevity in particular. Firefighting vehicles with ALPAS superstructure are absolutely reliable tools for every operation.

From 1998 until now: more than 20 years ALPAS

ALPAS was patented and implemented to the firefighting industry in 1998. In the vehicle construction for fire departments, this can be described as a revolution. The ALPAS structure system has established itself on the market and has become a benchmark over the following 20 years. After the market launch, some competitors also tried to produce similar systems for the structure of fire-fighting vehicles – but ALPAS is still unsurpassed. ZIEGLER is so convinced of quality of ALPAS, that the company even offers a 12-year additional guarantee for the structure. This is a unique offer in the sector.

If the product is so excellent – why does it have to be improved?

ZIEGLER promises a consistent development and improvement of the products. This assumes that even successful products and systems will be constantly questioned and continuously improved. ZIEGLER has not even stopped at the proven ALPAS structure system and therefore ALPAS improved for you.

How was the development process of the new ALPAS?

By continuous calculation and internal as well as external test methods, the development process was accompanied. Among other things, virtual simulations that correspond to the state-of-the-art were used. According this, ALPAS has been developed with the newest and latest technologies.

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The ALPAS prototype at the ZIEGLER Company in Giengen

In order to test the prototype under realistic conditions and receive realistic results, ALPAS was also subjected to various physical tests. At long-distances routes and various testing grounds, ALPAS was pushed to its limit. Not only the material properties, the stability and the durability were tested, also all possible vehicle and structure configurations had to pass tests. In addition to fulfill customer requirements, ZIEGLER also focused to exceed the current national and international standards. This means that users and customers receive a tested and certified structure system that has passed all tests with distinction.



The ALPAS prototype on the ADAC test area in Schlüsselfeld

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Of course, the latest generation of ALPAS has several advantages over the previous ALPAS. The following 10 points clearly shows those advantages:

10 reasons for the latest generation of ALPAS

- 1** Modular superstructure consisting of front, axle and rear segments. Extended vehicle portfolio due to flexibility with chassis, driver's cab and wheelbase variations.
- 2** Up to 30% less weight in relation to the current superstructure through improved panels.
- 3** Double-sided grooves, called load path, allow a flexible fixation inside and outside of the superstructure without drilling. A modification through the customer is possible at all times.
- 4** 20 µm anodic coating is applied after the cutting of the panels
→ "sealed" cutting edges enable 12 years of guarantee on the ALPAS superstructure.
- 5** Increased stability through self-contained segments.
- 6** Up to 10% more room volume in the superstructure through protected arrangement of the roller shutters on the rooftop.
- 7** Direct access to the load paths under the rooftop. Integrated roller shutter guide rails and lights save material in the interior construction. Better overview and access of equipment with glare-free LED lights for high-contrast lighting.
- 8** Space and weight advantages, compared to previous ALPAS generations, create capacity for large water tanks and increase standard requirements in the areas of drinking water protection and load.
- 9** Reduced entrance height by 100 mm for easier access and removal of the loading (ergonomics).
- 10** High design quality with continuous lines in height and width. Consistent and modern appearance on every chassis. Clean structure. The new ALPAS is uniform for all vehicles from MLF to Z-Class. This results in maximum equality across the entire vehicle fleet.

The new ALPAS is available for every type of vehicle now. The first vehicles with the new ALPAS were constructed, originally the vehicles would have been presented at the INTERSCHUTZ. ZIEGLER will of course keep you up to date and report about the first vehicle with the new ALPAS structure.

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About ZIEGLER

The Albert Ziegler GmbH is a leading international supplier of vehicles for firefighting, civil protection and the police, as well as firefighting accessories and technology. The comprehensive product range includes clothing for the firefighting services to highly specialized pumping and fire extinguishing systems to all kinds of emergency vehicles. Out of currently more than 1,300 employees worldwide, around 650 are employed at our headquarters in Giengen an der Brenz, Germany. Other ZIEGLER manufacturing facilities are located in Germany (Rendsburg and Mühlau) as well as the Netherlands, Croatia and Indonesia. Sales and service offices can also be found in the Czech Republic, Italy, Slovenia and China.
<https://www.ziegler.de>