

 (H)LF 20



**OUR PUMPERS WITH CREW CABIN.
LF 20 AND HLF 20 – THE ALLROUNDERS.**

On MAN, Mercedes-Benz and SCANIA chassis.



**READY FOR USE
IN ANY ENVIRONMENT.**

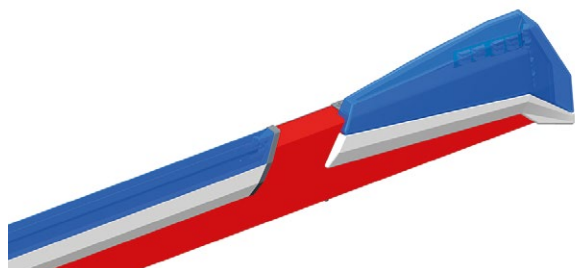


■ FAST ACTION

Especially in the initial phase, it is important to be fully equipped for firefighting and to provide assistance. This is something that anyone who faces these challenges repeatedly will know. Our vehicles specifically meet these demands, combining all the advantages unique to ZIEGLER: from the ZIEGLER safety Z-Cab, through the ALPAS superstructure, which has been tried and tested thousands of time, to the ZIEGLER pump technology with its user-friendly Z-Control operating panel. To provide assistance where it is urgently needed, our pumper with crew cabin can be built up on road or 4-wheel drive chassis.



TECHNOLOGY YOU CAN TOUCH.



Z-Vision

ZIEGLER TRADEMARK
FLOODLIGHTING WITH BEACON FUNCTION



Z-Prottec

ZIEGLER TRADEMARK
AIRBAG AND SEAT BELT TENSING SYSTEM



Z-Rack

ZIEGLER TRADEMARK
MOUNTING APPLICATION



Z-Control

ZIEGLER TRADEMARK
ELECTRONIC CONTROLS

Z-Rack

ZIEGLER mounting application

Z-Prottec

ZIEGLER seat belt tensioner and airbag system

Z-Cab

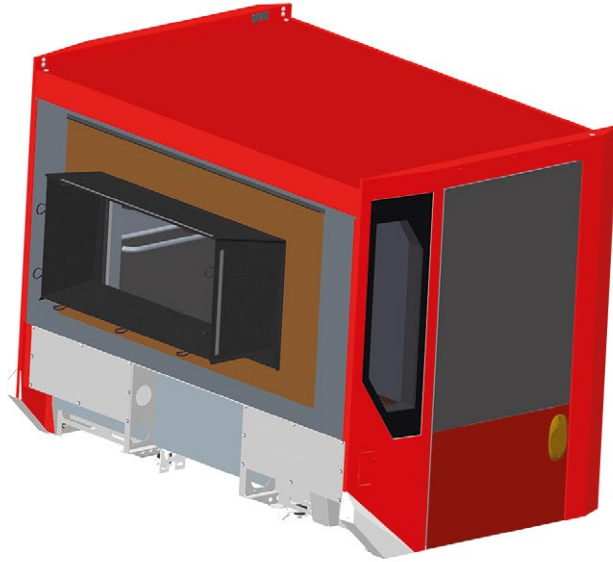
ZIEGLER crew cabin

Z-Control

ZIEGLER operating and control elements

Z-Vision

ZIEGLER signal and lighting concept



Z-Cab 

ZIEGLER TRADEMARK
CREW CABIN



Z-Cab XL 

ZIEGLER TRADEMARK
CREW CABIN XL



EVERYTHING YOU NEED IN ONE VEHICLE.

1. CHASSIS

Can be mounted on MAN,
Mercedes-Benz or SCANIA chassis

2. CREW CABIN

ZIEGLER Z-Cab safety for
1 + 8 firefighters

3. HINGED STEP BOARDS

Hinged step boards positioned at the
same height level and an ergonomic
storage of equipment in low position

4. LOADING

Clearly arranged loading with
well-thought-out use of space

5. PUMP CONTROL UNIT

Clear and ergonomically optimized
pump control unit

6. Z-VISION

Innovative lighting system with
numerous configuration options



■ CUSTOMIZED TO MEET YOUR NEEDS

Every fire service has its own needs and requirements. Our LF 20 and HLF 20 pumpers meet these requirements – with all the unique ZIEGLER features: from the ZIEGLER Z-Cab safety cabin through the ALPAS superstructure, which has been tried and tested thousands of times, to the ZIEGLER pump technology with user-friendly Z-Control. Depending on the requirements, these vehicle types are available with large water tank, optimized for technical assistance or with a large fire hose reserve, customized to meet your needs.



OPTIMALLY CONFIGURED TO MEET YOUR NEEDS: 4-WHEEL DRIVE.



■ LOADING SIDE VIEWS

Maximum space for loading is available with the flexible ZIEGLER ALPAS super-structure.

■ PUMP CONTROL UNIT REAR VIEW

The ZIEGLER-pump control unit impresses with its clear and user-friendly structure. On the Z-Control operating panel, the operator can see all the functions. The large buttons are designed to be used with gloves.



■ OUR STANDARD VEHICLES

Our (H)LF 20 impresses with a consistent design. Various application focuses can be configured flexibly with a wheelbase of 3.9 m up to 4.3 m. Thanks to the tried and tested ZIEGLER ALPAS superstructure, maximum space is available.



Z-Rack



■ Z-RACK

A document box and charging mount holders for handheld radios and lights can be placed in the space between driver and passenger. Helmets can simply be placed on the holders with the chinstraps closed, immediately fixing them in place.



The background image shows the interior of a fire truck, featuring rows of red seats with headrests, various pieces of equipment, and hoses. The scene is overlaid with a semi-transparent red filter. The text 'Z-CA' is prominently displayed in the center in a bold, white, sans-serif font.

Z-CA

BXL



CABIN SECURITY IN SERIES.



Z-Cab



■ FLEXIBILITY

In case the needs of the fire service change, action tower or individual seats can be replaced even after years.



■ FUNCTIONALITY

Individually configured: Each individual seat can be equipped with drawers, flap chutes or plastic boxes.



■ **Z-PROTEC PRODUCT VIDEO**

Simply scan the QR-Code to experience our Z-Protec system!

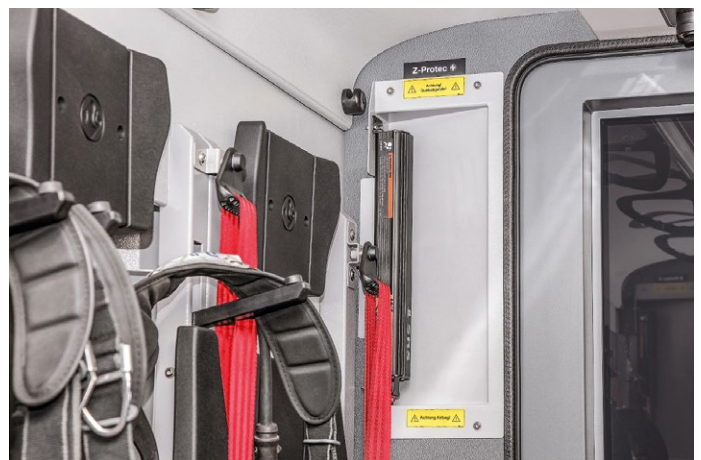


Z-Protec



■ **AIRBAG SYSTEM**

There is an airbag in the head area of each of the outer seats. Our tested ZIEGLER airbags are certified and protect against serious head injuries in case of emergency.



■ **SEAT BELT TENSING SYSTEM**

In case of emergency, the seat belt tensing system intervenes and secures each crew mate. The crew mates are pulled tightly into their seats.

Z-CAB XL – OUR SUPERSIZE CABIN

▪ EXTRA LARGE CREW CABIN

The Z-Cab XL combines maximum safety with the greatest possible comfort. Frequent fire operations are demanding for firefighters and machines. Our Z-Cab XL meets these needs: the Z-Protac seat belt tensioning and airbag system intervene before the worst case can happen and continues to cushion the interior beforehand.

Impressive size: up to 7 seats with holders for breathing apparatuses are possible and can even be replaced with action tower if necessary. The soft cushioned seats with large spaces in between provide maximum freedom of movement. With solid fixing, the crew cab and driver's cab have same suspension properties, so that each passenger can prepare optimally for action.

View and communication capability: thanks to the opening in the driver's cab and integration with the crew cab. This comfort in proven ZIEGLER-quality has been put to the test and has passed with distinction – tested successfully in accordance with ECE-R 29 specifications as well as the Sweden test with a roof load of 15 tonnes, we protect not only those who need our help but also protect those who give aid.

ADVANTAGES OF THE Z-CAB XL

1

MORE SPACE.

Plenty of extra space – up to 7 seats with for breathing apparatuses holders and extraordinary leg room. Depending on the requirements and application, these can be replaced with action tower compartments.

2

MORE COMFORT.

Extra soft individual seats – making the ZIEGLER Z-Cab XL a fully equipped workplace. This enable passengers to prepare for action or to rest afterwards.

3

MORE OVERVIEW.

The communication opening to the driver's cab is the largest possible solution, without weakening the driver's cab. Large side windows and door windows that open wide provide best possible overview.

4

MORE OPTIONS.

Two lengths, three heights and extra-slim version for 2.3 m wide fire engines are possible: for historic town centers, city traffic, pass by parking offenders or through the emergency lane.





4

3

1



FOR MORE SECURITY IN ACTION – AND ON THE WAY THERE.

■ PANEL FUNCTIONS AT A GLANCE

Intuitive operation with the ZIEGLER Z-Control. At the touch of a button, the extinguishing functions are executed, which are required to extinguish the fire. With the Z-Control, the operator has a constant overview of the work processes, the operating status, the water and foam flow rate and the mixing rate.



Z-Control

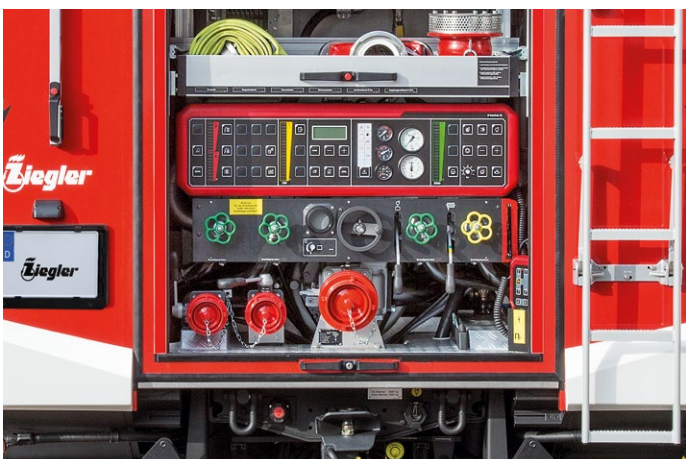


■ ZIEGLER LIGHTING TOWER

Holding straps and large buttons make the Z-control operating panel safe to operate even when wearing gloves. Using the panel, the pneumatic lighting tower can be extended, and the 8 high-powered LED spotlights can be turned up to 360° in the desired direction and tilted in two separate areas.

■ SWIVEL-MOUNTED OPERATING PANEL

Easy access for inspections and emergency operation.



■ **PUMP CONTROL UNIT**

The ZIEGLER pump operating unit impresses with its very clear and user-friendly structure. On the Z-Control operating panel, the machine operator can see all the functions. The large buttons are designed to be used with gloves.

■ **DRIVER'S CAB**

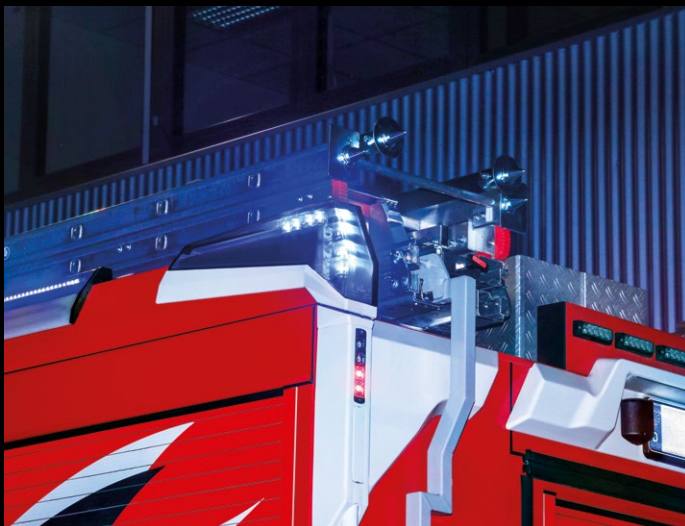
The operator and crew leader have an overview and control of all important functions of the Z-Control operating panel, which is swivel-mounted on the dashboard. The ergonomically designed switching elements are arranged in a way that is clear and easy to understand.

Z-VISION – 360° BRIGHTNESS.



▪ Z-VISION: SIDE FLASHLIGHT

Up to five blue-light LED elements can be mounted on the side of the superstructure, ensuring that the vehicle is visible in traffic.



▪ Z-VISION: TAILFIN

Integrated into the corners of the superstructure, the Z-Vision Tailfin acts as a rear and side warning not only in traffic but also during use of the access ladder or lowered ladder gantry.



▪ Z-VISION: TOP INTEGRO LINE

With its flat design, the new Top Integro Line is the ideal solution for a low vehicle height. The LED lights are positioned widely to the side of the vehicle providing the best possible warning to cross-traffic.

Z-Vision



▪ Z-VISION: FLOODLIGHTING · VEHICLE END LIGHTING

Vehicle lighting for road traffic – with LED technology as standard. High-powered lighting for optimum illumination of the vehicle's surroundings. The brightness is much greater than the required standard.



EQUIPMENT AND SUPERSTRUCTURE INTERIOR.



■ IT IS NO LONGER NECESSARY TO WALK ON THE ROOF

With the optimized superstructure, ZIEGLER offers the most storage space. The ladders and suction hoses can be removed safely from ground level. It is therefore no longer necessary to walk on the roof.

WE PROVIDE SECURITY

We stand 100% for what we do – and with the people for whom we do it. It makes us proud to feel the high regard that the ZIEGLER brand enjoys and we are so convinced of our products that we even offer a signed and sealed guarantee of their quality.





▪ **HEAVY EQUIPMENT**

The hydraulic rescue apparatus is stowed on a swivel-mounted bearing so it can be taken out of the vehicle not only quickly but also ergonomically and easily being used.

▪ **OPTIMALLY STORED**

Every space is used optimally – there are additional loading options behind the swivel walls.

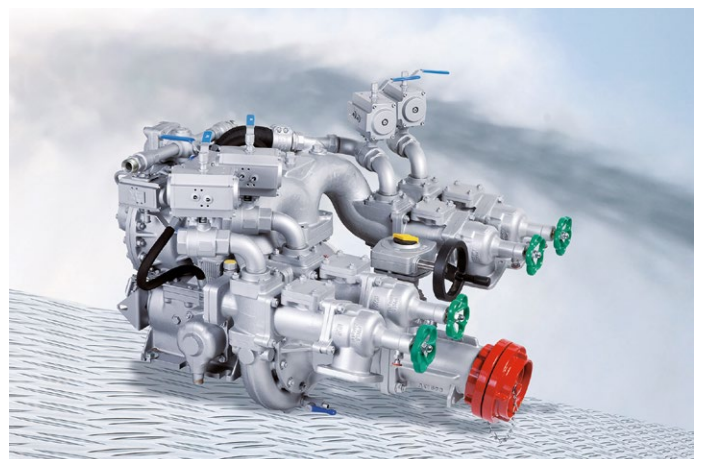


▪ **SWIVEL WALL**

Each centimeter is used for storing equipment, not only on the inside of the swivel wall but also on the front.

▪ **OPTIMUM USE OF EVERY SPACE**

Pull-out equipment walls make removal of equipment items easy and are a practical use of space.



▪ **HYGIENE BOARD**

The hygiene board has earned its name: a push with the elbow is all it takes, the soap, hand towel and compressed air gun appear for initial cleaning at the operation location.

▪ **TRIED AND TESTED IN ACTION**

Over 100,000 ZIEGLER centrifugal fire pumps are in service around the world. Experience and reliability: that is what the fire service needs.



(H)LF 20



GOOD REASONS TO CHOOSE ZIEGLER

- Over 125 years of know-how and partnership with fire services
- Unique ALPAS aluminum paneling system for weight-reduced, infinitely variable equipment locker structures and installations.
- ZIEGLER centrifugal fire pumps with patented Trokomat priming technology, tried and tested over thousands of times over
- Patented ZIEGLER Z-Cab concept
- Fire fighting vehicles, equipment and hoses from one source
- Comprehensive service and spare parts guarantee



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