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ZIEGLER and MAN receive major order from the professional fire departments in Munich and Augsburg

Delivery of a total of 83 new HLF 20 by 2028

Giengen, July 2024 – ZIEGLER and MAN are delighted to announce a major order for 83 new HLF 20 for the professional fire departments of Munich and Augsburg. The first two prototypes will be delivered by the end of 2025, with the remaining 81 vehicles to be delivered by the end of 2028. Three of these vehicles are designated for the Augsburg professional fire department. The vehicles are built on a MAN TGM 16.320 4x2 Euro 6 chassis and are characterized by their compact dimensions (overall length 8,040 mm, overall width 2,440 mm, overall height 3,200 mm). As the general contractor, ZIEGLER is supplying not only the chassis and superstructure but also a large portion of the firefighting equipment.

“We will set another milestone with the new generation of vehicles: Further development of extraordinarily proven standards, significantly improved safety, many detailed improvements in the equipment technology, new innovations in the area of connectivity and digital provision of operational information for efficient and effective operational measures,” says Jörg Fiebach, Project Manager at the Professional Munich Fire Department.

The city of Munich places high demands on the new firefighting vehicles. Particularly important is the required small turning circle of less than 15 meters. In narrow and difficult-to-pass streets and squares of large cities like Munich, maximum maneuverability and flexibility are required.



Example illustration of the two HLF for Augsburg and Munich

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Thanks to the flexible ALPAS system, ZIEGLER was able to master these challenges. The latest generation of ALPAS offers plenty of space to accommodate the entire firefighting equipment in the superstructure. This makes the new vehicles ideally suited for operations in densely built-up urban areas. The low road chassis and the low center of gravity ensure optimum driving characteristics and a favorable removal height for the equipment.

Jörg Fiebach adds: “We are delighted that ZIEGLER’s tailor-made concept meets our exact requirements. The new vehicles are perfectly adapted to the urban conditions in Munich and offer the necessary maneuverability and flexibility for our operations”.

The ZIEGLER crew cab Z-Cab was also specially configured for the requirements of the professional fire department and is designed for a crew of 1+7, including an action tower. Particular attention has been paid to safety: In this vehicle configuration, the Z-Cab is certified in accordance with the ECE R29-3 standard.

Another highlight of the new vehicle fleet is the equipment with the digital products Z-Connect and Z-Remote from ZIEGLER. These technologies enable the vehicles to be fully connected with each other, which not only increases the efficiency and coordination of the emergency services, but also takes into account future requirements for connecting and digitalization in emergency services.

“The future of connected firefighting vehicles starts here – with Z-Connect”, says Johannes Taglang, Product Manager for Digital Products at ZIEGLER. “We are actively shaping the development of smart cities with our innovative connectivity solutions, which for the first time offer the opportunity to connect vehicles, equipment, people and other organizations in a cloud-based ecosystem.

As a pioneer and innovator, the professional fire department of Munich is setting a new benchmark in terms of connectivity, efficiency, service and ultimately safety with its smart vehicle fleet. With the new, highly specialized vehicles, Munich is ideally equipped to meet the challenges of the urban environment and ensure the safety of its citizens.

As usual, detailed technical data can be found on the next page of the press release.

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About ZIEGLER

ZIEGLER is a leading international provider of professional state-of-the-art solutions for firefighting, emergency and rescue management and is dedicated to making the world safe and protecting lives. The comprehensive and professional product range covers all kinds of emergency vehicles, highly specialized pumping and fire extinguishing systems, control and operation solutions up to firefighting equipment and services. Out of currently more than 1,200 employees worldwide, around 600 are employed at our headquarters in Giengen/Brenz, Germany. Other ZIEGLER manufacturing facilities are located in Germany (Rendsburg and Mühlau) as well as the Netherlands, Croatia, Italy and Indonesia. <https://www.ziegler.de>

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Technical Data

HLF 20 Munich and Augsburg

Basic-information	Vehicle type	HLF 20
	Customer	Professional Fire department Munich 80 pc. Professional Fire department Augsburg 3 pc.
Chassis	Type	MAN TGM 16.320 4×2 BL
	Wheelbase	approx. 3,600 mm
	Power	235 kW / 320 HP
	Emission standard	EURO 6
	Permissible total weight	16,000 kg
	Water tank	1,600 l with drinking water protection
	Foam tank	120 l
	Centrifugal fire pump	ZIEGLER FPN 10-2000-1H with suction inlet A110
	Dimensions L x W x H	approx. 8,040 mm x 2,440 mm x 3,200 mm
	Cabin/Crew	Z-Cab with Crew 1 + 7 and Actiontower
	Special adjustments	<ul style="list-style-type: none"> ▪ ALPAS of the latest generation ▪ Z-Connect and Z-Remote ▪ Z-Vision Lighting system ▪ ZIEGLER Foam System 24 ▪ Hygiene-Board PUSH ▪ Pneumatically extendable lighting tower ▪ Vehicle charging brackets for thermal imaging cameras and gas detectors ▪ On-board charging stations for battery-powered devices for technical assistance ▪ Extensive additional loading