

Albert Ziegler GmbH · Giengen/Brenz · Germany

## Fighting fire cancer

### ZIEGLER delivers special GW-Hygiene to the fire department of Lünen

Lünen, June 2024 – Firefighters are often exposed to hazardous substances released by fire smoke and soot during and after operations. These substances can be absorbed through the respiratory tract, food or skin and are carcinogenic in the long term. To minimize the risk to firefighters, effective decontamination is essential. The ZIEGLER GW-Hygiene with black and white area is one way of ensuring effective decontamination at the scene.



ZIEGLER recently delivered a new vehicle to the fire department of Lünen. The vehicle is equipped with numerous advanced features: for example, it offers separate interior compartments in the black and white area for clean and contaminated materials, which enables effective decontamination and cleaning. The loading area offers space for up to six roll containers so that a wide range of equipment can be transported safely.

In accordance with the Lünen Fire Department's "Hygiene in Fire Service Operations" concept, the vehicle is an integral part of operations where exposure to fire smoke cannot be ruled out. The strategic orientation of the concept stipulates that the emergency services remove contaminated clothing as soon as possible after their work, carry out a rough cleaning of exposed areas and receive fresh emergency clothing. Contaminated material is collected directly at the scene and fresh material, such as breathing apparatus and hoses, is issued and loaded back onto the emergency vehicles. This prevents the spread of contamination and quickly restores operational readiness. The vehicle also serves as a service point at the scene of an incident and offers the emergency services a place to recover after physically demanding activities

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Built on a MAN TGM 12.250 chassis, the entire vehicle has dimensions of 8,600 × 2,550 × 3,400 mm and a permissible total mass of 12 tons. Due to the requirements for drinking water, a wash water tank was dispensed with when planning the vehicle. Instead, the water is supplied directly via a connection hose to a hydrant. A UV filter installed in the vehicle's internal water supply line provides additional disinfection of the fresh water.



The equipment trailer also has an awning on the side, which provides additional protection when working outdoors, as well as a removal flap, which enables the safe handling of contaminated clothing. Side doors in the load compartment facilitate access to the RC load parts and ensure that the vehicle is ready for use quickly. An integrated fresh waste water system with wash basin and boot washer in the traverse box ensures that the emergency crews are always provided with clean and hygienic conditions.

"We are proud to be able to hand over this advanced vehicle to the fire department of Lünen. With the GW-Hygiene, we are ensuring that our brand promise "We provide security" also applies to our customers, the emergency services who use our products," says Timm Struck-Winkler, Head of Sales North at ZIEGLER.

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

### GW-Hygiene

<b>Basic informationen</b>	Vehicle Type	GW-Hygiene
	Customer	City of Lünen
<b>Chassis</b>	Type	MAN TGM 12.250
	Wheelbase	4,125 mm
	Engine	184 kW / 250 HP
	Emission standard	EURO 6
	Permissible weight	12.000 kg
	measurements L x W x H	approx. 8,040 mm x 2,440 mm x 3,200 mm
	Black area	<ul style="list-style-type: none"> <li>▪ 4 dispensers for infection protection gloves in the entrance area on the partition wall to the cargo area</li> <li>▪ 1 dispenser for FFP2 masks in the entrance area on the partition wall to the cargo hold</li> <li>▪ 1 dispenser for disinfectant wipes in the entrance area on the partition wall to the cargo area</li> <li>▪ 3 holders for laundry bags</li> <li>▪ Storage for empty laundry bags</li> <li>▪ Dump with lockable lid for full laundry bags</li> <li>▪ Washstand on side wall with washbasin, tap and mirror underneath PE container 400x300 for small items</li> <li>▪ Disinfectant, soap, cream and towel dispenser on left-hand side of partition wall</li> <li>▪ Door to the white area</li> </ul>
	White area	<ul style="list-style-type: none"> <li>▪ Helper's workstation consisting of work surface with (Plexiglas cover), drawers underneath</li> <li>▪ Whiteboard above the helper's station</li> <li>▪ 1 chair with safety catch while driving</li> <li>▪ 1 shelf with 3 drinks crates below</li> <li>▪ above PE crates 400x300 in max. possible number on the left on the side wall Clothes rails on the front wall in 2 rows one above the other with size labeling</li> </ul>