

Albert Ziegler GmbH · Giengen/Brenz · Germany

## ZIEGLER delivers Z8 to Lhasa Airport in Tibet

Giengen, December 2024 – In December 2024, ZIEGLER delivered an Aircraft Rescue and Fire Fighting Vehicle (ARFF) of the Type Z8 to Lhasa-Gonggar Airport in Tibet, China. With a huge extinguishing agent volume of 17,000 liters of water and 2,040 liters of foam compound, the Z8 is ready for massive extinguishing attacks in an emergency and for the extreme requirements at one of the highest airports in the world.

With its exceptional performance and innovative technology, the Z8 sets new standards.

The vehicle is equipped with two powerful traction motors that enable impressive acceleration and a top speed of 140 km/h – even under the most demanding climatic and geographical conditions.

Thanks to the proven ZIEGLER extinguishing technology, the Z8 ensures maximum efficiency in operations where every second counts.



Lhasa-Gonggar Airport, which is located at an altitude of 3,570 meters above sea level is one of the most important transportation hubs in western China. With the delivery of the Z8, ZIEGLER is helping to further increase safety at this important location and raise the international standard in the field of airport fire protection technology.

“With the Z8 at Lhasa Airport, ZIEGLER is once again demonstrating its leading role in the development and provision of Aircraft Rescue and Fire Fighting Vehicles for the most demanding operational scenarios worldwide” says Fabian Schmidt, Product Manager ARFF at ZIEGLER.

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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

Z8

<b>Customer</b>	Lhasa-Gonggar Airport Tibet Autonomous Region
<b>Chassis</b>	Titan T52-1540
<b>Engine / Engine Power</b>	2× Scania DC16, Stage V / 1.132 kW / 1.540 HP (2× 566 kW / 770 HP)
<b>Drive / Performance</b>	Permanent 8×8 / 0 - 80 km/h in < 20 sec, V <sub>max</sub> 140 km/h
<b>Transmission</b>	2× ZF Eco Life 7 Fully automatic transmission
<b>Wheelbase</b>	4,500 mm
<b>Permissible weight</b>	52,000 kg
<b>Vehicle dimensions</b>	L×W×H: 12,500 × 3,000 × 4,000 mm
<b>Standards</b>	ICAO, EASA, NFPA, ADV, EC, CCCF
<b>Cabin / Crew</b>	Z-Cab AiR / 1+3
<b>Superstructure</b>	ALPAS of the latest generation
<b>Centrifugal fire pump</b>	ZIEGLER FPN 10-10000, driven by the power take-off of one of the two traction motors
<b>Pressure proportioning system</b>	ZIEGLER EAD, infinitely adjustable from 1 % - 6 %
<b>Water tank</b>	17,000 l, made of corrosion-resistant GRP
<b>Foam tank</b>	2,040 l, made of corrosion-resistant GRP
<b>Operating concept</b>	Z-Control of the latest generation
<b>Turret</b>	<ul style="list-style-type: none"> <li>▪ Front turret Alco APF 3</li> <li>▪ Roof turret ZT-8000</li> </ul>
<b>Additional extinguishing systems</b>	<ul style="list-style-type: none"> <li>▪ 500 kg powder extinguishing system</li> <li>▪ Rapid attack unit</li> </ul>
<b>Sonderausstattungen</b>	<ul style="list-style-type: none"> <li>▪ Rear view camera</li> <li>▪ Additional lighting</li> <li>▪ Roll Over Warning</li> <li>▪ Fall protection</li> <li>▪ Z-Vision Side</li> </ul>