



**ACAR**  
"Built to Protect."

# Who we are

**Acar İtfaiye** is a leading superstructure manufacturer based in İzmir, Türkiye, dedicated to protecting lives and property by producing high-performance and reliable firefighting vehicles and equipment.

# Origins of Acar

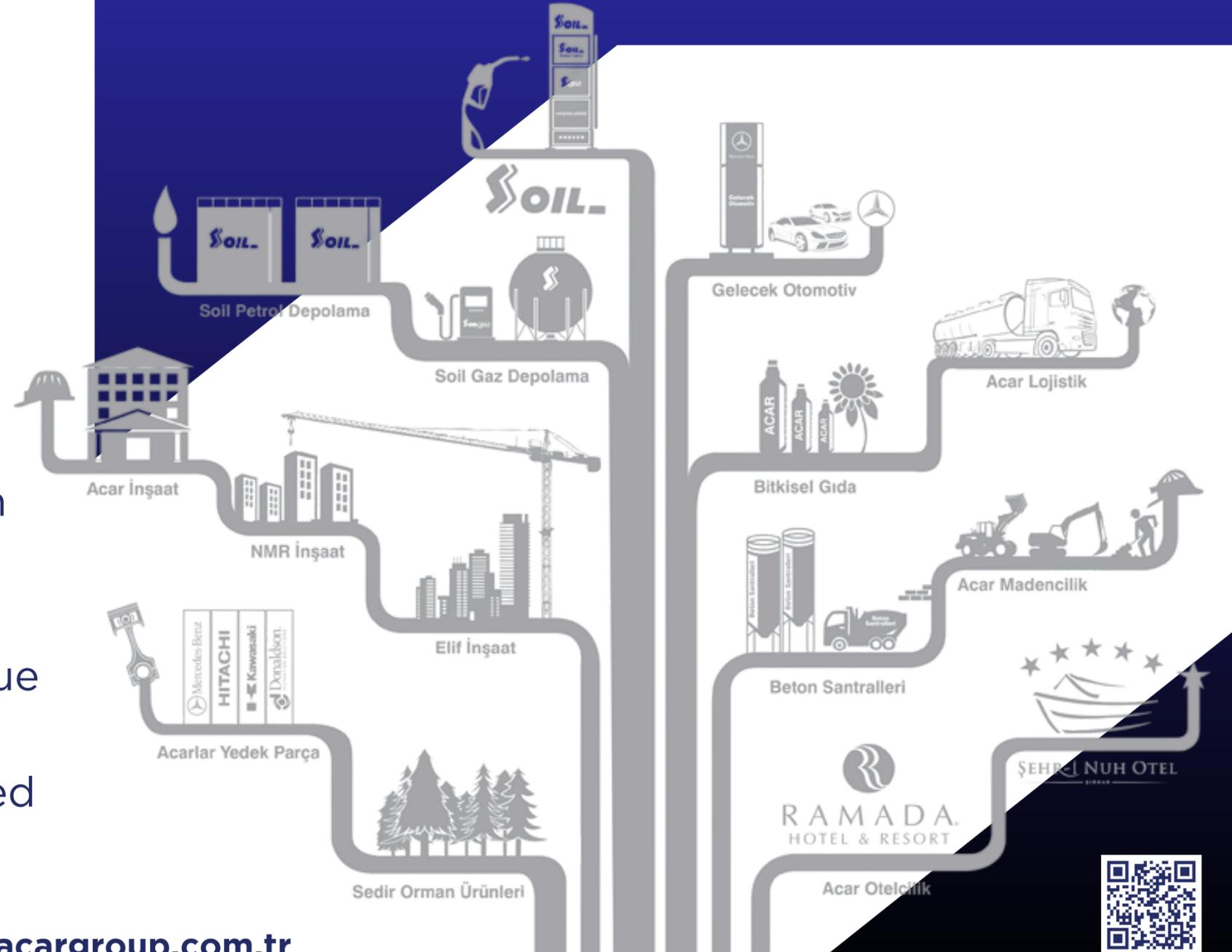


As part of **Acar Group** - a diversified organization with over 30 years of experience and investments across energy, mining, construction, logistics, automotive, and tourism both in Türkiye and abroad - we are confident that our high-technology fleet and internationally compliant solutions can add value to your operations.

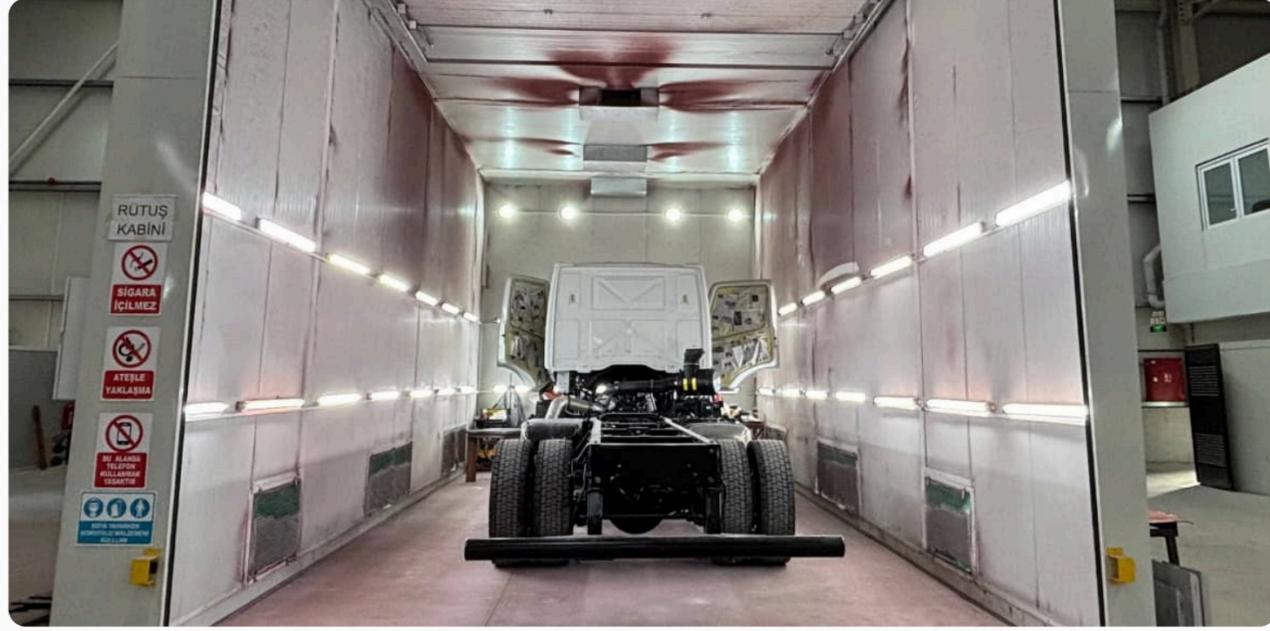
We aim to expand our global partnerships based on professionalism and mutual benefit.

[www.acargroup.com.tr](http://www.acargroup.com.tr)

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## In-House Production



Our new-generation fleet is equipped with systems that collect and record operational data, which is then reported to our after-sales team for remote support. These reports can also be shared directly with the end-user institution's authorized personnel. All service operations are carried out in cooperation with our contracted service partners under the supervision of our technical experts.



## Delivered at the Finest Quality



We currently work with public firefighting authorities, organized industrial zones, petrochemical facilities, hotels, and various institutional clients across many regions both within Türkiye and internationally. Our product range includes city-type water tenders, industrial-type water tankers, aerial ladder vehicles, wildland/forest firefighting vehicles, search&rescue units, and rapid intervention vehicles.



# ACAR

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Designed for emergency response and rescue operations, the Search & Rescue Firefighting Vehicle combines firefighting capability with advanced rescue functionality. The vehicle is equipped with specialized rescue tools, integrated lighting systems, and well-organized equipment compartments, enabling rapid intervention during traffic accidents, urban disasters, and complex emergency scenarios. Its robust chassis, reliable pump system, and ergonomic layout ensure safe, efficient, and continuous operation under demanding rescue conditions.

## SEARCH & RESCUE Firefighting Vehicle



TS EN 1028, ISO 9001, ISO 14001, ISO 18001, CE, Gost-R

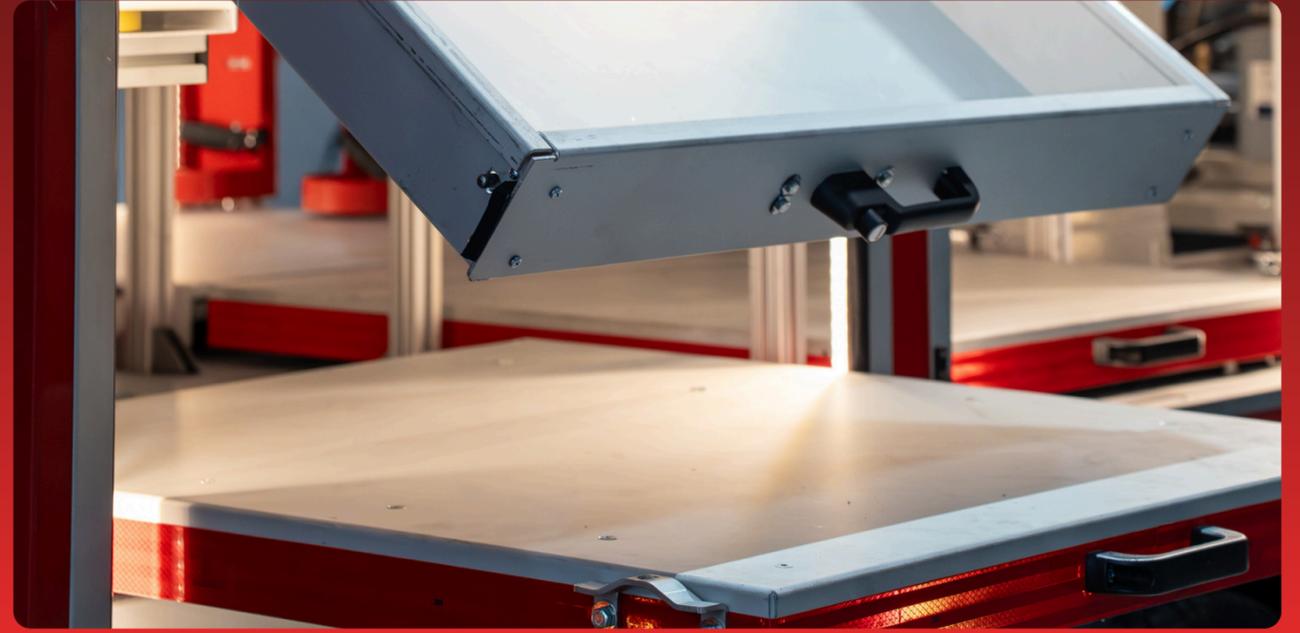


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**SEARCH & RESCUE**  
Firefighting Vehicle



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Designed for rapid response in forest and rural environments, the Wildland Firefighting Vehicle combines high off-road mobility with compact dimensions and reliable fire suppression performance. The vehicle is equipped with a robust pump system, optimized water tank capacity, and ergonomically arranged equipment compartments, allowing effective intervention in narrow, uneven, and hard-to-access terrains. Its durable superstructure and balanced weight distribution ensure operational safety, efficiency, and long service life under demanding wildland conditions.

# WILDLAND

## Firefighting Vehicle



TS EN 1028, ISO 9001, ISO 14001, ISO 18001, CE, Gost-R



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**WILDLAND**  
Firefighting Vehicle



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# ACAR

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Designed for urban firefighting operations, the Water Tender is optimized for rapid intervention, high water delivery capacity, and reliable performance in city environments. The vehicle features a high-capacity water tank, powerful fire pump, and well-organized equipment compartments, enabling efficient response to structural fires, traffic incidents, and industrial emergencies. Its balanced design ensures stability, maneuverability, and continuous operation under demanding urban conditions.

# WATER TENDER

Firefighting Vehicle



TS EN 1028, ISO 9001, ISO 14001, ISO 18001, CE, Gost-R



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**WATER TENDER**  
Firefighting Vehicle



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Designed for rapid response in urban environments, the City Type Firefighting Vehicle is optimized for maneuverability, operational efficiency, and reliable firefighting performance. The vehicle is equipped with a high-performance fire pump, integrated water and equipment systems, and ergonomically arranged compartments, enabling effective intervention in structural fires, traffic incidents, and municipal emergencies. Its balanced design ensures safe operation, ease of handling, and continuous readiness in city conditions.

# CITY TYPE

Firefighting Vehicle



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**CITY TYPE**  
Firefighting Vehicle



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Designed for industrial firefighting operations, the Industrial Type Firefighting Vehicle is engineered to protect high-risk facilities such as refineries, power plants, ports, airports, and large manufacturing complexes. The vehicle features high-capacity water and foam systems, powerful fire pumps, and dedicated equipment compartments to ensure rapid and effective response to complex industrial fire scenarios. Its robust construction and reliable performance provide operational safety, durability, and continuous readiness in demanding industrial environments.

## INDUSTRIAL TYPE Firefighting Vehicle



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**INDUSTRIAL TYPE**  
Firefighting Vehicle



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**INDUSTRIAL TYPE**  
Firefighting Vehicle



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**INDUSTRIAL TYPE**  
Firefighting Vehicle



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The double cabin is designed and manufactured in-house, providing full control over engineering, quality, and structural integrity. Developed specifically for firefighting and emergency response vehicles, it offers optimized crew capacity, ergonomic interior layout, and seamless integration with the vehicle superstructure. This approach ensures durability, safety, and flexibility in configuration to meet operational requirements.

## In-House Manufactured DOUBLE CABIN



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In-House Manufactured  
**DOUBLE CABIN**



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Designed for firefighting and rescue operations at height, the Aerial Ladder Firefighting Vehicle provides safe and efficient access to elevated areas in urban and industrial environments. Manufactured in working height configurations ranging from 12 to 32 meters, the vehicle is equipped with a high-strength ladder system, stable outriggers, and integrated rescue and firefighting equipment. Its reliable hydraulic system, robust chassis integration, and ergonomic control layout ensure precise operation, safety, and long-term performance during demanding aerial interventions.

# AERIAL LADDER

## Firefighting Vehicle



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Designed in accordance with airport emergency response requirements, the ARFF Vehicle is engineered for rapid intervention during aircraft fire and rescue scenarios. The vehicle is equipped with high-capacity water and foam systems, powerful fire pumps, and advanced firefighting and rescue equipment to ensure immediate response and effective fire suppression. Its high acceleration, robust construction, and operational reliability provide maximum safety and performance in critical airport environments.

## AIRCRAFT RESCUE Firefighting Vehicle



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# ACAR

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We design and develop our own equipment through our R&D department, transforming them into high-quality, first-class products.

The Rapid Intervention Electric Hose Reel is designed and manufactured in-house to provide fast and effective initial firefighting response. Integrated into the vehicle superstructure, the system enables quick deployment, controlled hose operation, and reliable performance during first attack interventions. Its robust construction and electric drive ensure durability, ease of use, and operational efficiency in emergency situations.

# Rapid Intervention HOSE REEL



ACR-E 40

ACR-E 60

ACR-E 80

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## Rapid Intervention FIREFIGHTING SYSTEM



Vehicle-mounted Type

Wheeled Portable Type



ACAR - FIRE

Designed and manufactured in-house, the Rapid Intervention Firefighting System provides immediate first attack capability for early-stage fire suppression. Integrated into the vehicle superstructure, the system ensures fast deployment, controlled operation, and reliable performance during rapid response interventions, enhancing overall firefighting efficiency in critical situations.

- Diesel/Gasoline Engine
- High-pressure Fire Pump
- Electric Rapid Intervention Hose Reel System
- Stainless-steel Water Tank
- Stainless-steel Foam Tank

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8 m

360° rotatable  
tilt and turn unit



Designed to provide effective illumination during nighttime and low-visibility operations, the Telescopic Light Mast ensures safe and efficient working conditions at the incident scene. Integrated into the vehicle structure, the system offers rapid deployment, stable operation, and reliable lighting performance, supporting firefighting, rescue, and emergency response activities.

TS EN 1028, ISO 9001, ISO 14001, ISO 18001, CE, Gost-R



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# Telescopic LIGHT MAST



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 **CELIKSAN**

We integrate premium components from internationally recognized brands to ensure reliable performance and maximum efficiency in every vehicle we produce.

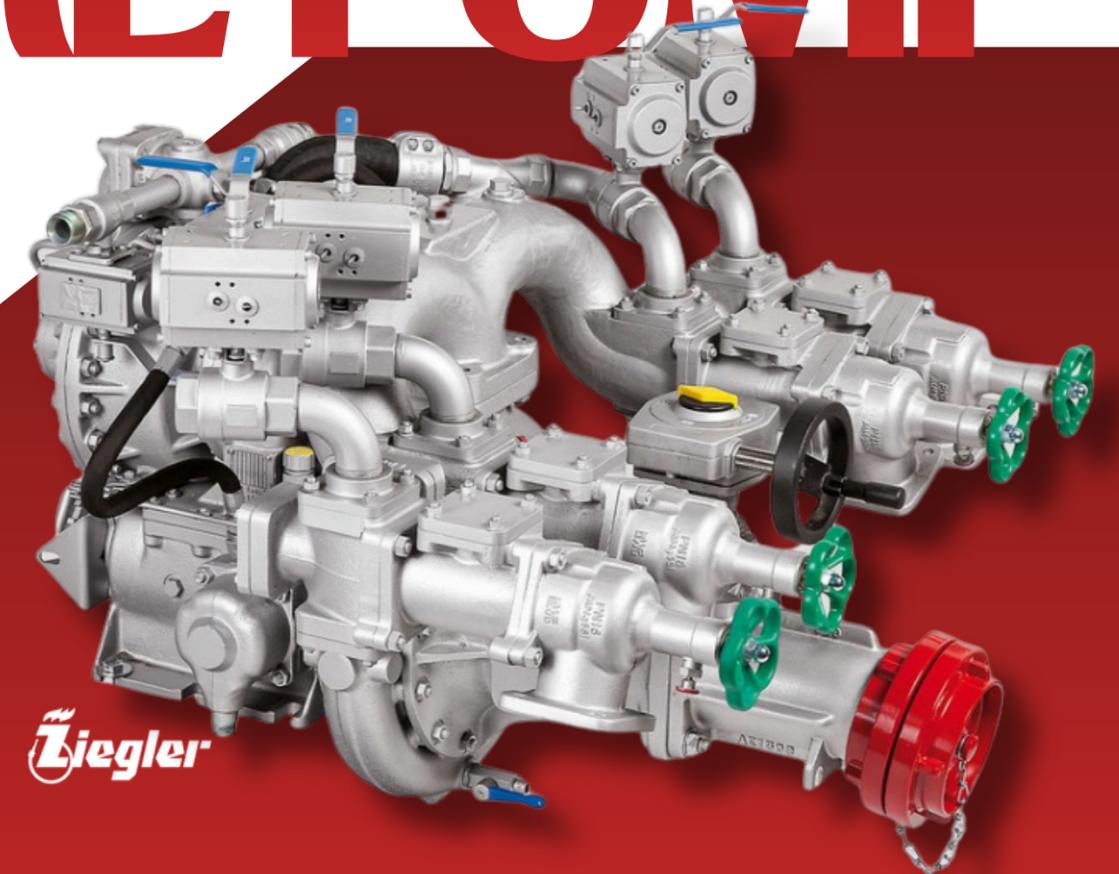
High pressure centrifugal fire pumps of all capacities and brands can be applied in accordance with project requirements or customer preferences. The selected pump system is fully integrated into the vehicle design to ensure reliable performance, operational efficiency, and compliance with the intended firefighting application.

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# Centrifugal **FIRE PUMP**





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Roof Monitors



Portable Monitors



Bumper Monitors



# Firefighting MONITORS

Electric and remote-controlled fire monitors of all capacities and brands can be applied in accordance with project requirements or customer preferences. The selected monitor system is integrated to ensure effective water or foam delivery, precise control, and reliable operation for the intended firefighting scenario.



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# Certificates of our factory



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**Firefighting Vehicles  
and Equipment**



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