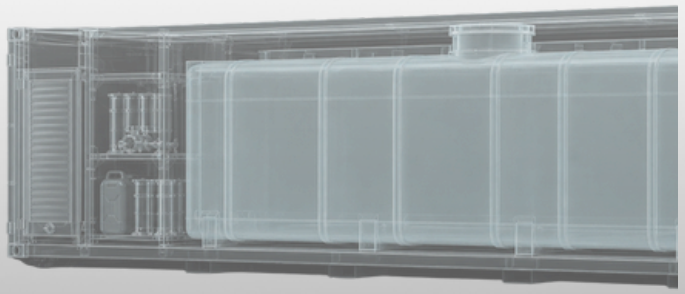
Mobile Water Supply Container System

High-Capacity, Rapid Deployment Solution for Emergency and Event Operations

The **Mobile Water Container System** is a fully integrated, high-performance solution designed to secure reliable water supply in emergency situations, firefighting operations, and large-scale events. Engineered for durability, efficiency, and rapid deployment, this system combines advanced materials with robust mechanical design.



High-Capacity Water Storage



- Tank Volume: 10,000 liters
- Constructed from **high-grade polypropylene** with integrated wave breakers
- Designed for safe transport of large water volumes
- Equipped with **overflow outlets** and **level measurement system** (±500 L accuracy)

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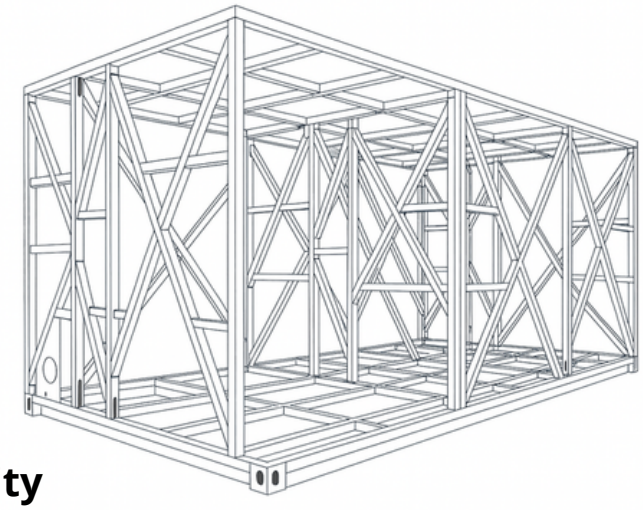
Robust Container Construction

- Built using stainless steel and anodized aluminum modules
- Wall and floor thickness: 2 mm
- Dimensions:
- Length: 6.5 m
- Width: 2.5 m
- Height: 2.4 m
- Fully loaded weight: up to 14 000 kg



Universal Hook-Lift Compatibility

Compatible with multiple container lifting systems, equiped with polyurethane-coated wheels to protect surfaces during loading/unloading.



Advanced Pumping System

- Certified 4-stroke water pump
- Capacity: 1210 L/min at 2.7 bar
- Suction height: 8 m
- Delivery head: 27 m
- Features:
  - Electric start
  - Pressure and vacuum gauges
  - Adjustable power control
  - Dual water intake (tank or external source)



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Optimized Fluid Handling

- Multiple STORZ (other type on request) connections (DN75 & DN125) for efficient filling and discharge
- Insulated and heated compartments prevent freezing
- Manual valve control for all inlets/outlets
- Integrated suction hose storage (2 × 4 m, DN75)



Smart Compartment Design

- Two large equipment compartments with:
  - Roller shutter doors with sealing protection
  - Internal shelving for organized storage
  - LED automatic lighting system
  - Drainage system to prevent water accumulation
- Single-key locking system for all compartments

Equipment Package

- Includes essential firefighting and water management tools:
- Suction baskets with filters and float systems
- Fire hoses (Ø52 mm and Ø75 mm, total length 150 m each)
- Water distributors and connectors
- Hose bridges and handling tools
- Battery-powered chainsaw
- Fuel and oil containers

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Roof Platform with Collapsible Water Pool

- Non-slip roof platform with safety railings
- Foldable 10,000 L auxiliary pool
- UV, chemical, and heat resistant material
- Reinforced frame construction
- Quick deployment by two operators
- Integrated drainage system



User-Centric Design

- Rear ladder with anti-slip steps for safe roof access
- Ergonomic access steps to equipment compartments
- Designed for continuous heavy-duty use

Electrical and Safety Systems

- 24V electrical connection (13-pin socket) for vehicle integration
- Fully protected lighting system
- Heated compartments for cold-weather operation
- Compliance with LVS 63:2021 operational vehicle standards