



Rescue Boat Trailers are professional trailers designed for emergency situations, providing fast, reliable, and safe operation for rescue services under the most demanding conditions.

Arete trailers are intended for the transportation of rescue boats, vessels, and specialized equipment and can be used in all types of rescue operations, including:

- fire and municipal services
- civil protection units
- military and rapid response teams
- water rescue operations
- search and rescue missions
- emergency and disaster response

Key Advantages

- Rapid Deployment – fast and safe boat launching and recovery, even in emergency conditions
- Marine-Grade Durability – fully corrosion-resistant construction for freshwater and saltwater use
- Fully Submersible Design – trailer and components designed for regular water immersion
- Waterproof Electrical System – IP68 LED lighting and sealed wiring for reliable operation
- Custom-Built Solutions – tailored configurations to meet specific rescue and operational needs

Custom Design for Any Rescue Mission

Arete design, engineer, and manufacture all types of trailers according to the specific requirements of the customer.

All trailers are built on standard European trailer platforms and comply with applicable EU regulations and standards.

Available configurations include:

- Category O2 and other trailer categories
- trailers with or without braking systems
- light-duty and heavy-duty versions
- road-legal and off-road capable designs

Trailer Types and Configurations

We manufacture:

- Light trailers (up to 750 kg, unbraked)
- Heavy-duty trailers (up to 3,500 kg, braked)
- Single-axle and tandem-axle trailers
- Trailers for rescue boats, RIBs, inflatable and rigid-hull vessels
- Modular trailers for rescue equipment, pumps, generators, medical and technical units

Each trailer can be customized, upgraded, or reconfigured to meet operational needs.

Trailer Types and Configurations

The trailers are equipped with a dedicated boat trolley with winch, designed for fast launching and easy recovery of the boat back onto the trailer.

The system:

- reduces load on the boat hull
- enables operation with a minimal crew
- ensures safe and controlled handling during emergency deployments

The trailer can be partially or fully submerged, allowing effortless launching and recovery even on unprepared shorelines.





Rescue Boat Trailers

Innovative Trailers and Mobile Solutions for Any Mission

Marine-Grade Construction and Saltwater Resistance

All trailer components are manufactured in marine-grade specification and are suitable for continuous operation in freshwater and saltwater environments:

- reinforced steel frame with hot-dip galvanization
- stainless steel fasteners (AISI 304 / 316)
- corrosion-resistant rollers and guides
- sealed, moisture-resistant bearings

The trailer is designed for regular immersion in water without loss of structural integrity or functionality.

Winch and Loading System

- manual or electric winch
- waterproof housing
- smooth and precise boat centering
- secure fixation during transport
- operable by a single operator

The system is engineered to meet the demands of rescue and emergency services, where speed and reliability are critical.

Waterproof Electrical System

All electrical components are fully protected against water and moisture:

- Waterproof LED lighting (IP68)
- sealed connectors and cable routing
- corrosion-resistant wiring harness
- suitable for full submersion

Lighting and signaling systems remain fully operational even when the trailer is submerged.

Technical Specifications (example)

- Payload capacity: from 750 kg up to 3,500 kg
- Number of axles: single or tandem
- Braking system:
 - unbraked
 - overrun (inertia) braking system
 - parking brake
- Suspension: torsion axle or leaf spring
- Frame: reinforced, hot-dip galvanized

Portable Boat Trolley for Hard-to-Reach Areas

Our mobile boat trolley is designed for transporting rescue boats in locations where trailers or vehicles cannot reach — narrow paths, steep banks, shallow water access points, or forested and rocky terrains.

Key Features:

- Lightweight yet durable construction for easy handling by one or two operators
- Marine-grade materials resistant to corrosion and saltwater exposure
- Smooth, reinforced rollers and wheels to navigate sand, mud, gravel, and uneven terrain
- Adjustable supports and securing straps to safely hold boats of different sizes
- Optional hand or electric winch for loading and unloading in difficult spots

Benefits:

- Access to remote or restricted areas without the need for a vehicle
- Quick deployment and recovery in challenging conditions
- Safe and controlled transport of boats, even over rough terrain
- Complements the main Rescue Boat Trailer for full operational flexibility

Solutions Designed to Save Lives

Arete trailers are more than just transport equipment.

They are professional rescue tools, developed for those who operate under pressure, risk, and critical time constraints.

We design trailers that perform when it matters most.