

RESCUE TRAILER



**A NEW LEVEL OF LOGISTICS FOR MILITARY,
RESCUE, LAW ENFORCEMENT, CIVIL**



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Saving, Protecting and Preserving Life

RESCUE TRAILER



01 INTRODUCTION

READY TO GO

The new level of logistics for Military, Fire and Rescue, Law Enforcement and Civil Defence

Rescue Trailer is a NATO-certified mobile logistics unit that is engineered to support emergency response, disaster management, earthquakes, floods and patient transport.

It is equipped to handle a variety of needs, such as tailored solutions for patient triage, firefighters, border control, drone neutralisation, and diving operations.

The adjustable drawbar makes transportation by truck or car easy, and it features an additional trailer hitch for towing even more loads.

The design allows it to be used as a stationary workstation if needed and easily transferred between locations. This versatile trailer integrates seamlessly with existing vehicles, addressing capacity and logistical challenges.

The trailer features a unique folding design that fits onto NATO pallet 463L dimensions for ease of transport. It features folding benches, a loading ramp, cabinets for equipment, a tank for liquids, and oxygen cylinder/fire extinguisher storage. The control panel provides 230V and 12V outlets for power needs, and a built-in crane on the roof assists with loading and unloading.

USE CASES FOR THE RESCUE TRAILER INCLUDE

- Military Operations
- Fire and Rescue
- Law Enforcement Operations
- Civil Defence



02 TECHNICAL SPECIFICATION

READY TO GO

- Dimensions: 2.25 × 4.9 × 2.8 m (W x L x H)
- Total length including drawbar: 6.3 m
- Interior height: 1.85 m
- Homologation to: 3.5 tons
- Maximum operating weight: 7 tons



READY TO TRANSPORT

- Dimensions: 2.25 × 2.1 × 2.8 m (W x L x H)
- Pieces per truck trailer: 8x
- Fits in the dimensions: NATO pallet 463L
- **Can also be towed in folded state**



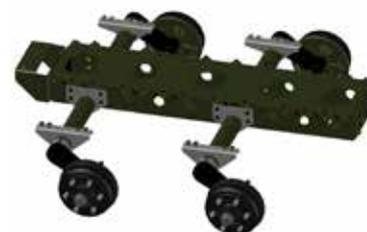
COMFORTABLE OFF-ROAD - AXLE LIFT 20 CM



Suspension mounted in the axle



Drum brakes / off-road tyres 33"



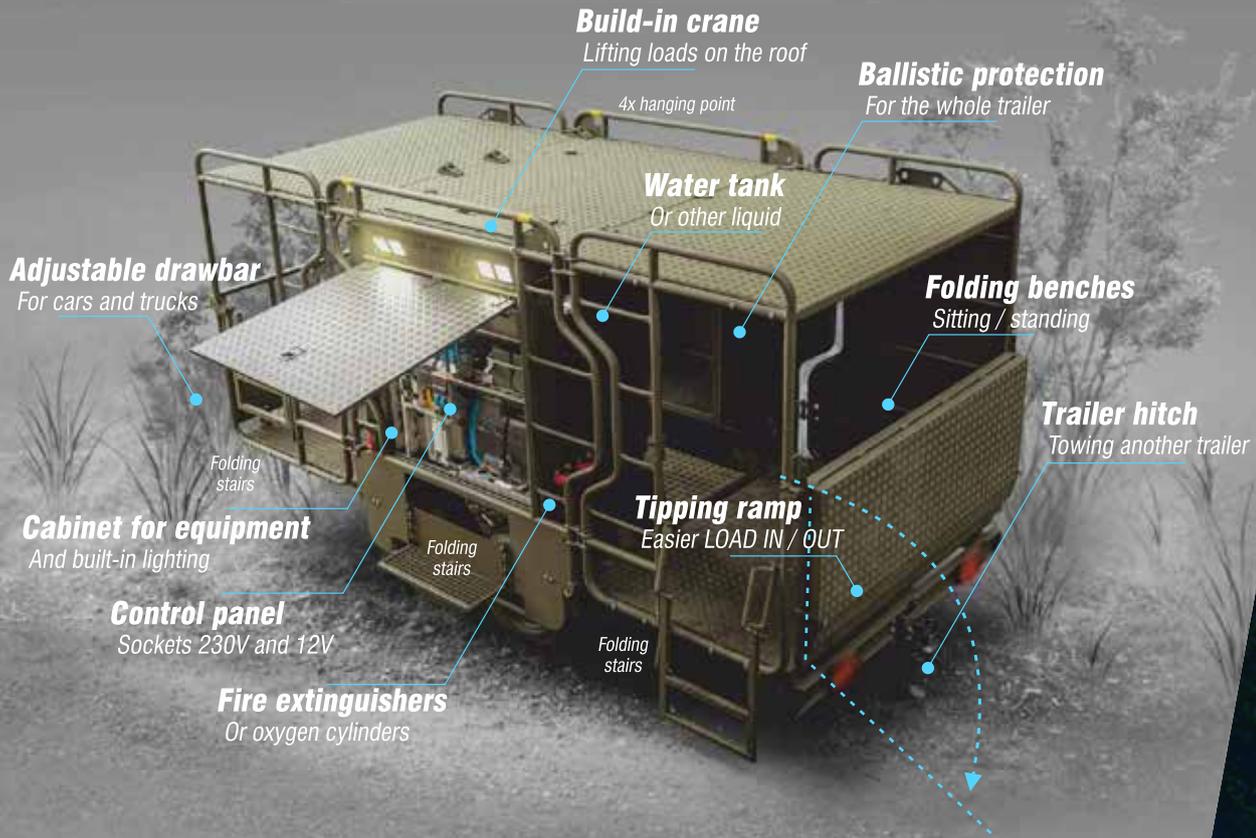
Supporting frame

CAPACITY

- Total seats: 16 persons
 - Central part: 6 persons
 - Folding banches: 10 persons
- Standing places: 30 persons
- Ceiling loading area: 10m²



FEATURES



Folding benches
Sitting / standing



Tipping ramp
Easier LOAD IN / OUT



Trailer hitch
Towing another trailer



Adjustable drawbar
For cars and trucks



Ballistic protection
For the whole trailer



Cabinet for equipment
With built-in lighting



Water tank
Or to store other liquid



Control panel
Sockets 230V and 12V



Fire extinguishers
Or oxygen cylinders



Built-in crane
Lifting loads on the roof

BALISTIC PROTECTION OF RESCUE TRAILER

The trailer can be equipped with ballistic protection made of Aramid, HMPE or Aramid/ UHMWPE [ultra-high-molecular-weight polyethylene].



The whole right side



Part of the rear side



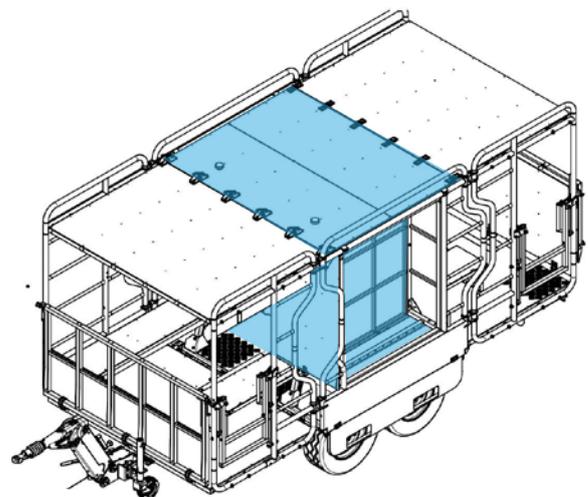
Center of left side



Part of the front side



The ceiling & floor



The **central section** can be equipped with additional protection and provide the crew or sensitive cargo with an increased level of protection.

BALLISTIC RESISTANCE AND TYPES OF DESIGN

Soft ballistic resistant liner:

Shrapnel protection

- Standard: STANAG 2920, shrapnel FSP .22, Fig. A1 (weight 1,10g)
- 540m/s +5m/s
- Composition of ballistic liner: Aramid fabric
- Ballistic liner weight: 2025g/m²

III.A

Standard:

- III.A according to NIJ0101.04
- STANAG 2920, shard FSP .22, Fig. A1 (mass 1,10g) / 540m/s
- .44Mag / 430m/s
- 9mm Luger / 430m/s
- 7,62x25 FMJ / 450m/s
- Ballistic liner composition: combination of aramid-based material and UHMWPE (ultra-high-molecular-weight polyethylene)
- Ballistic liner weight: 5140g/m²

Hard ballistic resistant liner

Level III+

- Standard: NIJ Standard 0108.01
- Ballistic resistance: 7.62x39, 8g velocity 710-730m/s
- Panel weight: 24kg/m²

III.A

- Standard: III.A STANAG 2920, shard FSP .22, Fig. A1 (mass 1,10g) / 540m/s
- .44Mag / 430m/s
- 9mm Luger / 430m/s
- 7,62x25 FMJ / 450m/s

HMPE

- HMPE 8 mm, weight 1,10g / 725m/s
- .44Mag / 430m/s
- 9mm Luger / 430m/s
- 7.62x25 FMJ / 450m/s

HMPE

- HMPE 18 mm
- Ballistic resistance: 7.62x51 (M80), velocity 840 m/s

03 APPLICATIONS

DRONE BASE



EVACUATION OF CIVILIAN POPULATION



FIRE RESCUE



INDEPENDENT MEDICAL BASE



BORDER GUARD



LOGISTICAL SUPPORT



MOBILE BASE FOR RAPID DEPLOYMENT UNITS



MOBILE DEFENSIVE BARRICADE



NATURAL DISASTER





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