

E.FAST.GN.38.5**ADR ALUMINUM FUEL TRAILER****Net 36.000 liters capacity**

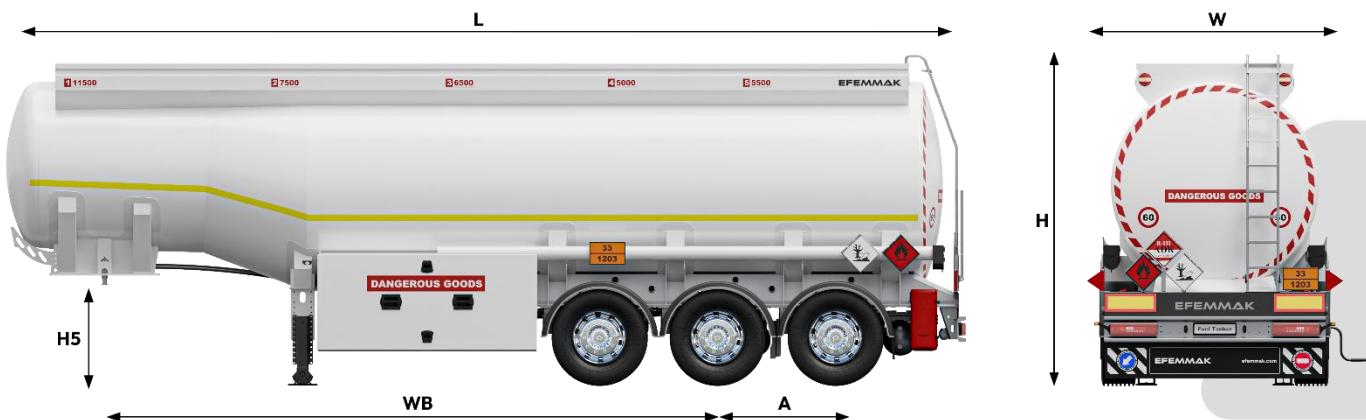
The ADR Aluminum Fuel Semi-Trailer, with a gross capacity of 38.000 liters in 5 compartments, is designed for optimal fuel transportation solutions to meet specific requirements. It is engineered for maximum efficiency and safety.

Complies with ADR EN13094 standards, LGBF tank code, and ADR Class 3 hazardous material regulations. It is manufactured to adapt to diverse geographical regions, climates, and road conditions.

Effectively meets all operational needs with optimized fuel carrying capacity and reduced fuel consumption

The dimensions, weights, and volumes mentioned in the descriptions are tolerance values. We reserve the right to make changes in accordance with DIN 70020 due to technical developments or legal regulations.





GENERAL

Length (L)	10,650 mm
Width (W)	2,550 mm
Height (H)	3,800 mm
Tank Diameter (D)	2,300 mm
Weight (Empty Vehicle)	5,450 kg ($\pm 3\%$)
Wheelbase (WB)	6,750 mm
Distance Between Axles (A)	1,310 mm
5th Wheel Height (H5)	1,220 - 1,250 mm
Rear Overhang	2,755 mm
Operating Temperature	-20/50°C

TANK

Tank code	LGBF CLASS 3
Certificate	Declaration of Conformity to ADR (with inspection report as per request)
Transport Material Code	UN 1202 – 1203
Tank Gross Volume	38 m ³
Air Gap	%5
Tank Net Volume	36 m ³
Compartment quantity	5 compartments (11.500 – 7.500 – 6.500 - 5.000 – 5.500 liters)
Tank Shape	Gooseneck
Tank Material	Aluminum Elval EN AW 5182-H111 Series
Tank Thickness	5 mm
Test Pressure Bar	0,46 bar
Welding	Single-pass automated body welding compliant with ISO 3834-2 standards

CHASSIS

Two special extrusion profiles made from high-strength aluminum alloy provide superior quality and durability, featuring design by Efemmak to ensure optimal performance and reliability.

Axle	SAF brand 9 tons x 3 Air Suspension
Axle Load	27.000 kg
King Pin	SAF brand 2"
King Pin Capacity	12.000 kg
Axle Lifting System	First axle lift system that operates automatically based on the air cushion pressure and speed values entered from the EBS data
Axle Lift Control	The remote-controlled electronic air suspension also allows for manual operation of the first axle lift
Tires	6 pcs Bridgestone ASFALT brand 385/65 R22.5
Rims	6 pcs ALCOA LVL brand Aluminum
Spare Tire & Rim	Bridgestone ASFALT brand 385/65 R 22.5" tire and ALCOA LVL brand Aluminum Rim
Spare Tire & Rim Location	In the driver side of compartment
Wheel Nut Caps	10 caps per wheel, totaling 60 caps
Brakes	Dual circuit electro pneumatic WABCO brake system with EBS 2S/2M anti-lock system compliant with UN ECE R13 regulations and integrated RSS electronic stability control system
TPMS	Tire Pressure Monitoring System for continuous monitoring of tire pressure, enhancing safety and performance.
Landing Legs	SAF brand 24 tons
Rear Bumper	Compliant with R58 safety regulations



COMPARTMENT

Compartment	Aluminum made, double type, lockable, integrated with the braking system to ensure the vehicle does not move when the compartment is open
Armature Set	Niehäuser (Suitable component for ADR class 3)
Filling System	Filling from the 250 mm diameter top manhole or from the API valves in the compartment


ELECTRIC

Electrical System	1x15 pin and 2x7 pin sockets, compliant with UN ECE R 48 and ADR regulations ASPÖCK lighting installation featuring 24V LED side position lamps and rear gear lamps
Emergency Stop	1 on each side of the tank and 1 in compartment, total 3 pcs
Grounding Reel	Automatic, 15 meter grounding cable in compartment
Over Filling Sensor	Niüsher brand, bolt-on or self-connected manhole cover with overflow safety sensor
Height Level Connection Socket	Niüsher brand 10-Pin Socket with protective cover in compartment


OTHER

Handrail	Manually operated railings on the stair side and pneumatically operated railings on the opposite side
Walkway and Ladder	Perforated, non-slip, UV-resistant aluminum structure; ensures safe use on the tank and when accessing the tank
Pool Drainage	2" diameter aluminum piping, passing through the body of the tank
Manhole Cover	Niüsher brand, 500 mm width, 250 mm cover, breathing valve, concealed-type air inlet connected, aluminum casting with NBR & VITON gasket

Top Vapour Valve	Niüsher brand, bolt-on, 3" diameter aluminum casting air flow filling and draining unit with NBR & VITON gasket
Vapor Return Valve	Located in compartment, 4" diameter aluminum-bodied, suitable for high-flow & low-pressure with NBR & VITON gasket
Atmospheric Vapor Valve	Niüsher brand Located on the tank's top, at the end of the vapor return lines, a 3" diameter device that provides air into the tank during pressurized and gravity drainage, preventing pressure caused by temperature variations
Bottom Valve	Niüsher brand, 4" diameter aluminum casting body, pneumatic control, suitable for high flow rate
Bottom Valve Control Unit	Niüsher brand control unit located in compartment
Discharge Valve	Niüsher brand aluminum casting, connected to the ends of drain lines located in compartment
Hose Holder	Aluminum made, lockable side holders
Hose	3" diameter, maximum length of 6 meters, fuel-resistant, with female ends—one on the right and one on the left total 2 pcs
Accessories	2 pcs plastic wedge, 2 pcs 6kg fire extinguisher in its box, ADR plates, 1 pcs copper hammer, 1 pcs shovel, 2 pcs drip cup, 1 pcs cam lock adapter from 4" to 3", 3 pcs traffic warning cones
Reflective Strips	Compliant with UN ECE R48 regulation, featuring yellow reflective strips along the sides of the vehicle and red reflective strips at the rear
Paint	Single-color, three-stage process including surface preparation, primer, and finish coat

