

Technical data and authorisations:

SDAH Fuel trailer in IBC-Configuration
with EU car documents, authorised for transporting, storing and handling of highly flammable liquids.

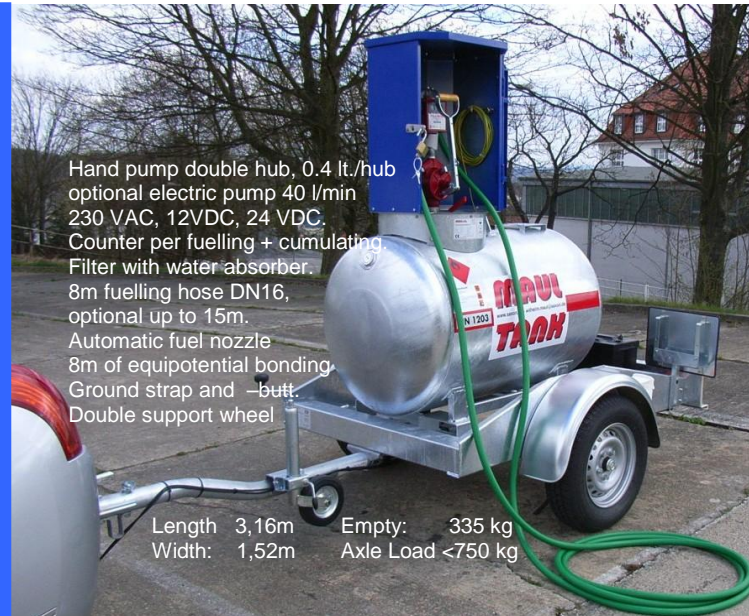
Type: ZAA 0,75
 Max. gross weight: 750 kg, non-braked
 Empty weight: 335 kg incl. IBC-Tank + Accessories
 Approved Axle-Load: 750 kg
 Length: 3,16 m
 Width: 1,52 m
 Height: 1,98 m (with locker)

IBC for ADR packing groups II and III

Nominal Volume: 500 l	Useable Volume: 475 l
Hazard classes: AI - AIII, Gasoline, Kerosene, Diesel	road, rail, sea
ADR-transport approval: Construction according to TRbF/TRwS:	double wall, horizontal, explosion pressure + shock proofed, Vacuum-Leak-Monitoring
Filling:	Hot-dip galvanized in- and outside, 2½" Standard receptacle for tank trucks with limiting sensor or terminal point for fuel nozzle
Extraction:	Hand pump with counter and filter 8m tapping hose with equipotential bonding, Earth tap
Options:	Motor pumps 230VAC, 12VDC, 24VDC, Suction- and pressure unit, Winder for potential cable, Stainless steel version, Braked trailer

Type certification nr: UN 31A/Y/.../D/rietberg/BAM0489/0/763

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MAUL & Co.

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**Airfield-
 Fuel Trailer
 IBC-500**

for

MOGAS	UN 1203
AVGAS	UN 1203
KEROSINE	UN 1863
DIESEL	UN 1202



Which Equipments and which Power source?

For own needs, e.g. Flying Clubs, a basic ex-pump with counter (adjustable but not gaugeable) is required. If used commercially calibration is a must. A hand pump with counter and filter with water-absorber is installed as a basic equipment. Alternatively a selection of optional electrical pumps with 230V~, 12V or 24V DC is available. The bus bar must be outside of the 3m-EX-Zone. The installation of the filtration unit with water absorber is strongly advised in any case for an application in the aviation area. As a standard, the earthing cable is recoiled manually, whereby a mechanical spooling unit is available on request. Double support wheel, one in the front and the second on the rear side enable one operating person to easily move the trailer alone. Just ask for further options!



Which are the Legal Provisions to consider?

Road Traffic Regulations (STVO, ADR, GGVSE)
 Operation Rules (BetrSiV, TRbF, TRwS 784)
 Stocking Legislation (WHG, Fire Prevention, Ex-Prevention)

Already before issuing the road traffic license, the compliance with the official rules and regulations is reassured by expertises and certificates. It remains to the operator, to check conformity with the local defaults and conditions before usage of the units. Tank trailers in IBC-Version < 1000 litres are "supervision indigent" therefore they are subject to notification to the local authorities before usage.

Note:

IBC-Tank containers (without undercarriage) are equated to stationary fuelling stations and are therefore subject to authorisation, even if installed as a supplement to already existing systems.



How can I examine the concentration of alcohol in „mogas“, according to EN 228Y?

Basic alcohol up to a volume content of 1% is not only permitted in "mogas" but at the same time desired to keep the flow path clean and open. To ensure the compliance with this boundary value, a sample of ½ lt. is filled into a calibrated testing bottle and mixed with a coloured reagent fluid just before refilling of the IBC-trailer. After shaking the liquids, the coloured particles flow into the measuring tube, from where the fraction of alcohol can be read. The measuring method is certified. The result is registered as a supervision proof into the tank filling book. The testing unit can be delivered together with the IBC tank.



Which drivers license do I need?

The transporting unit (drawing car + trailer) is approved up to a total trailing weight of 750 kg. A normal EU-license "B" is required which is valid for 750 kg non-braked.

A general release from visiting a basic seminar for transport of dangerous goods is appropriate, as long as the IBC-approved tank is filled with less than 333 litres net within bulk group II (e.g. benzene) or <1000 litres net within bulk group III (e.g. diesel + kerosene). The petrol receipt will do as a transporting confirmation.

But it still is a transport of dangerous goods, which must be secured safely, labelled property and equipped with the specified security kit, which will be delivered together with the tank.



Before shaking



after shaking