



AST 40 / 60 SEMI-TRAILER

Technical data

Our volume-optimised aircraft refuelling vehicles are generally developed and produced according to customer specifications for use on the airport apron and for refuelling helicopters and aircraft. Our products are remarkable for their optimum axle load utilisation, maximum manoeuvrability, and well-thought-out details for easy operation.

- Chassis from all manufacturers
- Payload-optimized aluminium design
- Low-flow or high-flow versions
- Compact dimensions, low profile, many possible applications
- Clear and ergonomic control design
- Long service life, high profitability and cost-effectiveness
- Easy to maintain and repair

Tank material/shape

Aluminium
 Self-supporting multiple wedge,
 box-shaped

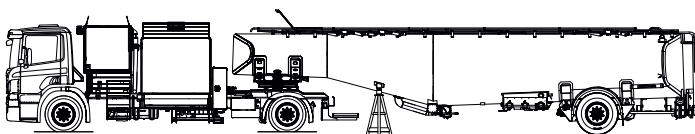
Volume

AST 40 40 000 l
 AST 60 60 000 l

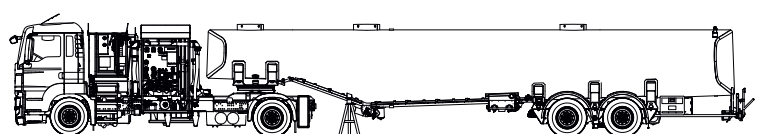
Fuelling capabilities

AST 40 1x deck hose
 1x underwing
 reel hose
 1x overwing
 reel hose
 AST 60 2x deck hose
 1x underwing
 reel hose

AST 40



AST 60



ARG

ADT

AST

AHD

ASD

APC

AST 40 / 60 TANK SEMI-TRAILER

Standard equipment:

Tank

Tank shape	Multiple-wedge, box-shaped, single-compartment
Watersump	Integrated into the tank sole, with inspection port and drainage
Volume gauge	Bayham 10"

Filling/discharge equipment

Manhole cover	3x Ø 600 mm
Filling port	Ø 300 mm
Vent valve	3x pneumatic control system
Dipstick mechanism	1x mechanical with high fill mark
Drain valve	1x NW150 bottom valve; pneumatic control system
Filling device	1x NW100 bottom valve; pneumatic control system 2x FC107 filling coupling
Pump	hydraulically driven vane or section-type pump
Filter	according to API/EI 1581/1583

Measuring system

- Assembly, calibration, and verification of all common measuring systems
- According to national and international calibration regulations (MID, OIML)

Chassis

Axles	BPW
Brake system	EBS + RSS
Rims	Steel
Tires	Brand of our choice

Electrical system

Design	24 V, ADR-compliant (FL/AT)
Interlock system	PLC-controlled
Dead-man system	Electrical/pneumatic

Optional equipment (examples):

- Stainless steel tank
- Digital tank volume display with electronical dipstick
- Closed pump cabinet with hinged flaps or roller shutters
- Closed sampling
- Defuelling device
- Pit coupler
- Additional large counter display on the fitting cabinet
- Hose panthograph
- Data connection
- Storage boxes/glove compartments
- Brackets for mobile ladders and work platforms
- Work lights/perimeter illumination

Other equipment upon request



We at ROHR Spezialfahrzeuge work every day towards our most important goal: consistent, sustainable added value for our customers. We develop and produce our special vehicles according to the individual wishes of our customers and the high standards that distinguish our company. The competent support provided by our international sales and service network guarantees a high degree of customer satisfaction. Our efficient service centre guarantees flexible, intensive support and ensures the supply of spare and wear parts throughout the entire life cycle of our vehicles.

Customer service

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Replacement parts

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