



Dmix International

3-axes 60 000 l. Elliptical Full Chassis Fuel Tanker Semi Trailer MOUNTED ON IVECO TRAKKER AD720T42TH



TECHNICAL SPECIFICATIONS

Volume: approx. 60 000 ltr incl. 3% expansion

Weights

Fifth wheel load approx.	22 000 kg
Axle load approx.	42 000 kg
Tyre load approx.	40 500 kg
Total gross weight approx.	62 500 kg
Dead weight approx.	12 000 kg
Payload, techn. approx.	50 500 kg

Dimensions

Total length approx.	15 500 mm
Total width approx.	2 550 mm
Total height approx.	3 800 mm
5th wheel height approx.*	1 400 mm – matching to 6x4

* unloaded

Chassis

Heavy duty reinforced chassis with reinforced axles.

The tank's framework consists of two fabricated steel beams of high quality steel.

The two beams are fully welded all over their length on the tank. The beams are strongly connected with the cross members supporting the suspension and the kingpin upper coupler.

Upper coupler plate with JOST 3 ½" king pin, exchangeable with 2" king-pin.

Skid plate bolted on frame.

Running gear

3 axles, European type, capacity 14 T each.

420 mm brake drums.

Spring suspension, with beams equaliser.

Wheel and tyres

Units : Twin mounted tyres 12 + 1 complete spare wheel included

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Wheel type : Disc-wheel, type 9,00x22,5

Tires : 315/80R22,5

Brand : First class brand, approved for off road operation.

Mudguards

Heavy duty mudguards made of PVC with rubber mud-flaps.

Landing legs

Two (2) speed with large pad feet, one-side operation, 24 tons total lifting capacity and 50 tons static.

Brake

Double line air brakes with manual breaking valve

Spring loaded parking brake

Connections mounted on the front bearer.

Electric system

System voltage : 24 Volt, acc. to RL 76/756/EWG

Coupling : 15 poles

Rear light system : Two (2) 5 chamber lights for 24 Volt

Side-marking lights : Two (2) mounted on the rear bumper plate, 24 Volt

Position lights : Two (2) at the front, 24 Volt

Reflectors : Two (2) triangles at rear

Tank body

Tank shape: Elliptical

Compartments: Six (6) with 10 000ltr each

Total volume: Approx 60 000 ltr, incl. 3% expansion

Manufactured of thick high-grade steel –S235JRG2-, thickness minimum 4 mm electrically welded throughout with accurately finished welding seams. Dished bulkheads on both sides and appropriate nos. of splash walls.

The splash walls are mounted not less than 900 mm and not more than 1750 mm between each other according ADR.

Dome-pan

Overflow protection welded along the tank with drain pipe and shutoff cock.

The dome pan is designed as an over-roll protection in order to protect the dome armatures.

Walkway

Open mesh walkway on the right-hand side of the manhole cover, with front mounted access ladder.

Collapsible hand-rail

One (1) collapsible handrail made of aluminum, operated manually, fixed as safety barrier, according UVV regulation along the dome-pan.

Operation of handrail next to access ladder.

Top fittings per compartment

One (1) 500 mm dia. manhole cover with 250 mm dia. hinged lid, complete with one (1) dipstick, increments; 500/500 ltr.

Flame proofed safety vent valve and pneumatic operated tipping valve DN 65.

Discharge fittings per compartment

At the lowest point of each compartment one (1) pneumatic bottom valve DN 65, with filling/discharge pipe DN 65.

For all six (6) compartments together, one (1) mechanical valve and 2½" coupler with dust cap.

Delivery options

- discharge by gravity, via 2 ½" Camlock coupling

- filling from top

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Armature box

Left hand side between the landing gear and 1st axle one (1) lockable armature box mounted, with outlet valves and pneumatic operations.



Hose and hose-carrier

Two (2) hose tubes, one (1) on each side of the tank with two (2) hoses

Hose type: NW 65 with 2 ½" coupling

Hose length: approx. 6,00 m

Standard accessories

Two (2) wheel chocks with holder

One (1) 6kg fire extinguisher with holder

Four (4) each brass pieces welded on each site of the chassis

One (1) unit heavy duty spare wheel carrier

One (1) toolbox integrated in armature box

Paintwork and finishing

Tank body: Sand blasted, base coated, synthetic enamel finish one RAL-colour

Chassis: Sand blasted, base coated, synthetic enamel finish one RAL-colour

Accessories: Partially galvanised

Documentation

One (1) spare part list

One (1) operating manual

All instruction plaques, lists, manuals and signs in English/French

Acceptance test

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Leakage testing of tank 0,35 bar
Functional test



This image are only for information, The manufacturer reserves the right to modify drawings and dimensions without prior notice, but keeping unchanged the technical specifications required by customer

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