



3-axles 40 000 l. Elliptical Double D Shape Full Chassis Fuel Tanker Semi Trailer

MOUNTED ON IVECO TRAKKER AD400T38TH OR SIMILAR



TECHNICAL SPECIFICATIONS

Dimensions Approx:

Total length:	11250 mm
Tank length:	10500 mm
Total width:	2550 mm
Tank width:	2500 mm
Tank height:	1900 mm
Total height:	3720 mm
Fifth Wheel Height:	1350 mm
Axles group technical capacity:	40000 kg
King pin technical capacity:	14000 kg
Loading capacity:	40000 Liter
Empty weight:	8200 kg

Chassis and Upper structure welding: Arc submerged - Robot welding

Chassis

Heavy duty and extra durability designed I beam; Opting for high tensile steel welded by automatic Submerged-Arc processes. On the axles area chassis; top flange 14mm, width 140mm; Middle Flange 5 mm, Height 430mm, Bottom flange 14mm, width 140mm. Goose neck area of chassis; top flange 14mm, width 140mm; Middle Flange 5 mm, Height 180mm, Bottom flange 14mm, width 140mm

Axles

3 x 14 Ton axles with Mechanical springs
suspensions Upper slung type / Drum brakes



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Suspensions

14 lines leaf springs with 12 mm x 100 mm

Brake System

Wabco ABS braking system acting on all wheels (with ADR adapted)

Brake Chambers

2 Axles with T 30/30 emergency brake chamber,
1 axle with T 30 service brake chambers

Electrical system

2x7 pin sockets - 24V, lights accord to standard in SAE rear stop lamps, side marker lamps, brake safety warning lamps and signal light fitted at the rear

2 tail & stop combined lamps (red)

2 turn signal combined lamps (orange)

1 license lamp (white)

1 Reverse light and beep

(with ADR adapted)

King Pin

DIN 74080 standard, 2" used, for spare; DIN 74083 standard 3 ½" 42 CRMO4 steel king-pin is used

Landing Gear

Front: Jack feet are telescopic, parallel working, double speed jointed with wide shoes static 50 tons, dynamic 25 tons capacity (OMS Brand)

Tires and rims

13 x 12 R 22.5 (Continental Brand)

Tank Construction

The tank shape is "Elliptical Double D" shape. Tank will be manufactured by high grade steel of 4 mm carbon steel thickness for shell and heads 5 mm. tinsplate. Tank body connection to chassis will be screw type, each side 6 connection bars.

Dome Armatures

Basic equipment and installation for each tank compartment at the top - Five dome.

Five Arpesan brand screw / bolt type galvanized steel cover-blind type manhole with 500 mm, middle manhole 250 mm 3" opening with cover to be fitted on the tank shell with down ward pipe covered with flange nipple and bras cap. Vent valves will be diameter and will located on the tank shell.

Compartments

8 000l + 8 000l + 8 000l + 8 000l + 8 000l

Discharge System

At the lowest point of each compartment on Manuel operated 3 inch arpesan brand valves connected to a discharge pipe, leads to the right to the right hand side of the vehicle. The discharge valves have to be contained into a lockable cabinet on semi-trailer middle right side. Drain chock on discharging box

Accessories

2 x Mudguards which covers tires belongs to rear axle group.

2 x Wheel chock with carriers

1 x Metal tool box with standard wheel tools (at the right side of the tank)

1 x Metal valve box(discharging) (at the left side of the tank)

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- 2 x 6 kg fire extinguisher (at the left and right rear side of the tank)
- 1 x spare tire carrier and one-unit tire (at the right middle side of the tank)
- 1 x Aluminum side protections (at left side of tank front of spare tire)
- 1 x 60 l plastic water tank (at the right side middle of the tank)
- 2 x 4500 mm length Discharging hose and tube places
- 1 x Access ladder at the back side of the tanker (right side)
- 2 x Hand rail on top of tanker both side operating with manual with ladder
- 1 x Aluminum Access ladder at the front side of the tanker (right side)
- 2 x Anti-skid metal walking place (on top right and left)
- 2 x Drain tube for water run-off from upper side (on top right and left)
- 1 x Ground loop (barrel with rope 15m, 4 ground points) inside of valve box)
- 1 x Electrostatic (inside of valve box)
- Reflector side and rear (both center of tanker)

Painting

Before the painting, surface and accessories are made smooth and then cleaned with a mixture of water and chemicals. Epoxy filter is used for first painting. Acrylic is used for the main painting (3 times) The RAL code color selection is made according to customer's choice.

Pump

Delivery Set (DIESEL ENGINE OPERATING PUMP FOR DISCHARGE)

Fuel Pump

Capacity: 500 l/pm

Mechanic sealed

Diesel use only

Particle filter

Single cylinder diesel motor

Electric start/pull start

Battery included

Fuel meter

Mechanic counter register included

Chassis/Pulley-belt set

2 1/2" B and C camlocks on inlet/outlet



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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