

Tank Trailers Specification Pack

Fuel, bitumen, powder and cement tankers built in carbon steel, stainless and aluminium alloy

A tank trailer is a semi-trailer specifically designed for transporting liquids, gases, or powdery goods.

15 models in this category. Figures are the published specification for the standard build; anything not listed is confirmed on the approval drawing before production rather than estimated.

Model	Positioning
3 Axle 43 CBM Asphalt Tanker Trailer for Bitumen Transport	43 CBM insulated bitumen tanker with thermal oil heating for road works
3 Axle 50000L Aluminum Alloy Tank/Tanker Semi Trailer	50,000 litre aluminium alloy tanker roughly 30% to 40% lighter than steel
3 Axle 60cbm Powder Transporting Bulk Cement Tanker Semi Trailer for	60 m ³ V shape bulk cement tanker for high volume powder haulage
3 Axles Mild Steel Fuel Tank Trailer Oil Tanker Truck for Sale	40,000 litre mild steel tanker with stress optimised tank structure
3 Axles Stainless Steel Diesel Oil Transport Semi Trailer Oil Tanker	304 or 316L stainless tank for fuel, edible oil and chemical liquids
3-axle Aluminum Alloy Tanker 30,000L, 50,000L Diesel Tank Trailer For	Aluminium tank body that cuts tare weight and carries more diesel per trip
40 CBM Bulk Cement Tank Trailer	40 CBM V-shape bulk cement tanker built for clean pneumatic discharge
42000 Liters Diesel Oil 3 Axles Fuel Tanker Semi Trailer	42,000 litre diesel tanker configurable from 28,000 to 75,000 litres
55cbm (55000 Liters) Diesel Fuel Tanker Semi Trailer for sales	55,000 litre fuel tanker in aluminium alloy or carbon steel to your spec
China-Made 3 Axle Gas Tank Semi Trailer	Three axle liquid fuel tanker built to international road standards for export
Chinese Brand 3/4 Axle Oil Tank Semi Trailer with Reasonable Prices	Double D tank of 42,000 to 45,000 litres with a low centre of gravity
High quality 3 axle 40000L fuel tank trailer for sale	40,000 litre three axle fuel tanker in Q345 steel with 5% vapour space
High-Quality 3 compartments Fuel Tank Trailer Manufacturer	Three compartment 40,000 L carbon steel tanker with anti-overflow protection
Hot Sale Factory Price Tanker 3-Axle Powder Tank trailer Leaf Spring	45 m ³ powder tanker in 610L wear resistant steel at 9 ton tare
Low Price 45 CBM V Shape Flour Bulk Cement Powder Tanker Trailer for	V shape 45 CBM powder tanker carrying about 30% more than a round tank

3 Axle 43 CBM Asphalt Tanker Trailer for Bitumen Transport

43 CBM insulated bitumen tanker with thermal oil heating for road works



Overview

If you are looking for a reliable hot asphalt transport tanker, this 3-axle 43 CBM asphalt tanker trailer is a good choice. The tank capacity of the entire vehicle reaches 43 cubic meters, specially designed for long-distance and high-temperature asphalt transportation, and is suitable for highway construction and maintenance projects.

Specification

Item	Value
Curb Weight	9 tons
Overall Dimensions	13,000 × 2,500 × 3,800 mm
Payload Capacity	31 tons
Axles	FUWA 13T × 3
Tires	12R22.5 × 12 pcs
Rims	9.0R22.5 × 12 pcs
Suspension	Mechanical suspension
Leaf Springs	90 mm × 13 mm × 10 pcs
Kingpin	JOST brand, 50# or 90# optional
Landing Gear	FUWA 28T
Tank Thickness	5 mm
End Plate (Head)	6 mm
Bottom Valve (Emergency Shut-off Valve)	4-inch aluminum alloy
Brake Chambers	WABCO, 6 double chambers
ABS	Not equipped by default, optional: Kormee or WABCO
Discharge Valve	8-inch to 6-inch reducer8-inch to 6-inch reducer
Relay Valve	WABCO
Lights	LED lights
Voltage	24V
Socket	7-pin electrical socket

Item	Value
Heating Channels	2 channels
Manhole Covers	2 pcs

Key benefits

43 cubic metres per trip

13,000 × 2,500 × 3,800 mm overall with a 31-ton payload, sized for highway construction and maintenance projects.

Brand running gear

Three FUWA 13-ton axles, twelve 12R22.5 tyres, JOST kingpin in 50# or 90#, and six WABCO double brake chambers.

Mechanical suspension

Leaf spring suspension chosen for site access roads, where repairs need to be possible away from a workshop.

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3 Axle 50000L Aluminum Alloy Tank/Tanker Semi Trailer

50,000 litre aluminium alloy tanker roughly 30% to 40% lighter than steel



Overview

3 Axle 50000L Aluminum Alloy Tank/Tanker Semi Trailer is a modern semi-trailer specially designed for efficient liquid cargo transportation. Its core highlight lies in the deep integration of lightweight materials, safety technology, and large-capacity design. It applies to the transportation needs of multiple scenarios, such as fuel oil, chemical products, and food-grade liquids. This model features a tank made of high-strength aluminum alloy, which reduces its self-weight by approximately 30% to 40% compared to traditional carbon steel structures. While ensuring a super-large volume of 50,000 liters, it significantly improves fuel economy and payload capacity, making it particularly suitable for long-distance transportation and logistics scenarios with strict requirements for load efficiency. Its three-axis layout ensures the vehicle's stability and handling in complex road conditions by optimizing the axle load distribution and the air suspension system (or optional mechanical suspension). Combined with the dual-circuit air braking and ABS/EBS electronic braking system, it further enhances driving safety.

Specification

Item	Value
SIZE	11900*2500*3900(mm)(can be customized)
Wheelbase	7,500mm+1,310mm+1,310mm
Payload	28T – 70 tons
Volume	28000liter – 70000liter
Tanker body	5mm or 6mm/Carbon steel plate/ Aluminum alloy
Walkway	Aluminum
Discharge vale	4" API Adaptor Valve or 3" Spherical Valve
Bottom valve	3", 4" Controlled by Pneumatic Block
Manhole	Diameter 500mm, 1-9 pieces with vent valve
Axles	2 – 4 pcs 13 – 20 tons BPW or Fuwa Axles
Landing Leg	JOST E100
Brake system	6pcs T30/30 Brake Chambers, WABCO relay valve
Tool box	1 piece, one crank, and one shaft head wrench
Handrail	Manual, Pneumatic
Main Beam	Q345 Carbon steel material

Item	Value
Suspension	Mechanical, Air, Bogie
Tire	12R22.5, 315/80R22.5, 12.00R24 Triangle Brand
Fire extinguisher	2 units per trailer
King Pin	JOST 2" or 3.5 " Bolting Type

Key benefits

28,000 to 70,000 litre range

Payload from 28 to 70 tons on 2 to 4 axles in 13 to 20-ton ratings, BPW or FUWA.

7,500 + 1,310 + 1,310 mm wheelbase

Q345 carbon steel main beam under the aluminium tank.

WABCO braking

Six T30/30 brake chambers with a WABCO relay valve and a JOST 2 or 3.5 inch bolting type kingpin.

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3 Axle 60cbm Powder Transporting Bulk Cement Tanker Semi Trailer for

60 m³ V shape bulk cement tanker for high volume powder haulage



Overview

The tank capacity of the 3 Axle 60cbm Powder Transporting Bulk Cement Tanker Semi Trailer for sale reaches 60 cubic meters, which can meet the large-scale transportation demand, effectively improve the transportation efficiency, and reduce the transportation cost. This trailer adopts a V-shaped tank design. Compared with traditional tanks, it has a lower center of gravity when loading the same volume of materials, providing better driving stability. At the same time, it has a faster unloading speed and a lower residual rate, which can significantly shorten the unloading operation time and improve transportation efficiency. In terms of structural design, key components such as the main beam and chassis are made of high-strength steel, like Q345 steel, which ensures the load-bearing capacity and durability of the trailer.

Specification

Item	Value
Size	11000*3000*3650mm
Axle	13 Ton Fuwa Brand
Landing Gear	Standard 28Ton
Main Beam	Hight:500mm
Material	Steel
Suspension	Mechanical Suspension
Tire	11.00r20 12r22.5
King pin	2"(50mm)or3.5"(90mm)
Brake System	Dual Line Braking System
Color	Customers Optional

Key benefits

Fast discharge, low residue

The V profile empties more quickly with a lower residual rate, shortening unloading time at the plant.

500 mm main beam

Steel construction with mechanical suspension on 13-ton FUWA axles.

Tyre and kingpin choice

11.00R20 or 12R22.5 tyres, 50 mm or 90 mm kingpin, with a dual line braking system.

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3 Axles Mild Steel Fuel Tank Trailer Oil Tanker Truck for Sale

40,000 litre mild steel tanker with stress optimised tank structure



Overview

The 3 Axles Mild Steel Fuel Tank Trailer Oil Tanker Truck adopts a 3-axle design and is equipped with a large-capacity 40,000-liter tank, ensuring transportation efficiency while taking driving stability into account. The tank structure has been optimized in design, which can effectively disperse the stress generated during transportation, reduce the risk of fatigue damage, and extend the service life of the equipment. Core components such as axles and suspension systems are selected from internationally renowned brands to ensure the reliability and durability of key components.

Specification

Item	Value
Dimensions (L x W x H) (mm)	12200*3700*2500mm
Fuel Type	Diesel
Tank Material	Mild Steel
Transmission Type	Manual
Running gear	FUWA axles 3x13T double wheels
Tank equipment	Manhole, Bottom valve, API couplings
Braking system	Double-line air brakes
Tank top accessories	ladder and foldable handrail
Discharge method	Gravity discharge
Painting	The tanker and chassis are painted according customer's wish
Accessories	Discharge cabinet with lock
Electric installation	Complete a 24V system in an explosion-proof installation

Key benefits

40,000 litre capacity on three axles

12,200 × 3,700 × 2,500 mm, balancing transport efficiency with driving stability.

Double line air brakes

Standard dual circuit braking for export market compliance.

Customisable build

Tank material in high-strength steel or aluminium alloy according to your requirement.

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3 Axles Stainless Steel Diesel Oil Transport Semi Trailer Oil Tanker

304 or 316L stainless tank for fuel, edible oil and chemical liquids



Overview

The tank body of the 3 Axles Stainless Steel Diesel Oil Transport Semi Trailer Oil Tanker Trailer is made of 304 or 316L stainless steel, and its corrosion resistance is improved by more than 70% compared with carbon steel. It can directly transport diesel, edible oil, chemical liquids, and other media without inner coating, avoiding the risk of medium contamination caused by coating peeling from the source.

Specification

Item	Value
Overall Dimension	(L*W*H) 11500*2500*3800mm
Volume	40m ³
Axle	3 axle 13T Fuwa Brand
Tare weight	10500KG
End plate	Q235/6mm steel sheet
Tire	12.00R20 12pcs
Tank body	Q235/4mm steel
Braking system	RE6 relay valve ;T30/30 spring brake chamber;40L air tanks
Manhole cover	500mm manhole cover 8 sets
Steel Spring	10/10/10 leaf spring suspension
Rims	9.0, 12 pieces
Suspension system	Mechanical Suspension
Electrical system	voltage:24V 2.Receptacle:7ways(7wire harness)
Landing gear	Fuwa brand two-speed, manual operating , heavy-duty landing gear 28t
Tool box	one piece
Discharge pipe	4"seamless steel tube,8pcs
Discharge valve	4"disc valve,8pcs

Key benefits

40 m³ on a 11,500 × 2,500 × 3,800 mm chassis

Three 13-ton FUWA axles with the single axle load kept in the 13 to 16-ton range.

Weight saving running gear

Aluminium alloy wheels and low rolling resistance tyres cut self-weight by 1.5 to 2 tons against carbon steel equivalents.

Full pneumatic braking

RE6 relay valve, T30/30 spring brake chambers and 40 L air tanks on mechanical suspension.

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3-axle Aluminum Alloy Tanker 30,000L, 50,000L Diesel Tank Trailer For

Aluminium tank body that cuts tare weight and carries more diesel per trip



Overview

3-axle Aluminum Alloy Tanker Diesel Tank Trailer is a high-performance equipment specially designed for the transportation of liquid fuel. It is elaborately manufactured with aluminum alloy material. This material not only endows the tank truck with the characteristic of lightweight, but also significantly reduces its weight compared with traditional steel tank trucks, thereby improving fuel economy and reducing energy consumption and operating costs during transportation. It also has excellent corrosion resistance, allowing for the safe transportation of various liquids without additional coatings, effectively ensuring the purity of oil products, extending the service life of tank trucks, and reducing long-term maintenance costs. Its three-axis design provides the vehicle with excellent driving stability and strong load-bearing capacity, ensuring smooth and safe operation even in complex road conditions. In terms of safety, the aluminum alloy tank can effectively absorb instantaneous energy when it collides or overturns, preventing tank cracking and liquid leakage, reducing the risk of explosion and environmental pollution. Meanwhile, the low center of gravity design further enhances driving stability. Whether it is long-distance transportation of diesel to achieve rational allocation of resources, or transportation of gasoline, kerosene, edible oil, heavy oil, coal tar, as well as non-petroleum products such as alcohol, aldehyde, benzene and ether, this 3-axle Aluminum Alloy Tanker can rely on its excellent performance and reliable quality. Become the ideal choice in the field of liquid fuel transportation.

Specification

Item	Value
SIZE	11900x2500x3800(Lx W x H)(mm)
Axle Brand	FUWA 13 Ton Axle, top brand
Tank body	Q235/5mm carbon steel End plate: Q235/6mm carbon steel
Volume	30000L-60000L
Landing Gear	Standard brand 28-ton external, 2-speed, Jost brand
Compartment	3-9compartments
Traction Pin	50mm/90mm, Jost brand
The material of the Main beam	The height of the beam is 500 mm, the upper plate is 14 mm, the down plate is 16mm, middle plate is 8mm.
Suspension system	Common Mechanical Suspension
Steel Spring	10/10/10 leaf spring suspension 90mm width, 13mm thickness
Tire Type and quantity	12R22.5 Triangle brand 12 units
Ladder	Top ladder with handrail, side ladder

Item	Value
Manhole cover	500mm manhole cover. 3 sets with 3 breath valves.
Discharge valve	4"disc valve
Discharge pipe	4"seamless steel tube

Key benefits

30,000 L to 60,000 L in one platform

Volume is built to order across that range instead of forcing you into a fixed tank size.

3 to 9 compartments

Carry diesel, petrol and kerosene on the same trip and deliver to several customers in one route.

Main beam engineered for the load

500 mm beam height with 14 mm upper plate, 16 mm lower plate and 8 mm web, so the chassis does not flex under a full barrel.

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40 CBM Bulk Cement Tank Trailer

40 CBM V-shape bulk cement tanker built for clean pneumatic discharge



Overview

The 40 CBM Bulk Cement Tank Trailer is a large semi-trailer specially designed for the transportation of bulk cement. It has multiple advantages such as large capacity, lightweight, high strength, and efficient unloading, and is very suitable for cement plants, construction sites, and logistics transportation enterprises. This model adopts a classic V-shaped tank structure with a total volume of 40 cubic meters, reserving an additional 5% gas-phase space. This effectively prevents the sedimentation and clogging of cement during transportation and ensures the smoothness of pneumatic unloading.

Specification

Item	Value
Length	10,200mm
Width	2,550mm
Height	3,950mm
Kingpin location	1,300mm from the front face of the front bolster
Axle spacer	6,930mm+1,310mm+1,310mm
Landing gear location	2,425mm behind the kingpin location
Payload	40,000kg
Tare weight	Approx. 7,300kg
G.V.W.R.	Approx. 47,300kg
Type	V-shape
Volume	40,000L+5% vapor
Dish ends	Q345 thickness=4mm
Shell	T700 thickness=3mm
Discharge valve	4" butterfly valve
Kingpin	90# Prefabricated Kingpin
Discharge pipe & hose	4" pipe & hose with quick coupling
Manhole	2 standard manholes, 500 mm diameter
Working pressure	0.2Mpa
Test pressure	0.3Mpa
Welding standard	All welding is to be done by a qualified welder per the applicable national standard

Item	Value
Painting	Shot blast at Standard SA 2.5 before application of primer, polyurethane top coat. Total DFT not less than 80um
Engine	TIANHE 4102 China
Air compressor	BOHA1:12.5m³ China
Suspension	mechanical suspension, leaf spring 13mmx90mm
Axle	FUWA brand axle, 3pcs*13 ton capacity
Brake system	Dual line pneumatic brake, SAE hose and connector
Brake chamber	T30/30 spring brake system on 3 axles, China
Air tank	40L, 2 pcs, China
Emergency relay valve	Wabco relay valve
Tire	Linglong brand, 12R22.5, 12 pcs.
Rim	9.0*22.5 steel disc wheel, 10 holes ISO, 12 pcs.
Landing gear	28T two-speed telescopic manual landing gear
Voltage	24 Volt
Receptacle	7-way socket SAE standard, China
Front marker lamp	White
Side marker lamp	White & Red
Rear lamp	Red
Turn signal lamp	Amber
Reflector	Per customer requirement
Wiring	Electric cable protected by PVC conduit on the main frame
Ladder	Equipped at the rear of the tank
Walkway	Anti-skid walkway from the rear to the first manhole
Mud guard	Steel mud guard
Spare wheel carriers	1pcs
Tool box	1 pc

Key benefits

40,000 L plus 5% vapour space

10,200 × 2,550 × 3,950 mm, with the kingpin 1,300 mm from the front bolster face.

0.2 MPa working pressure

Discharge pressure specified for bulk cement rather than borrowed from a liquid tanker design.

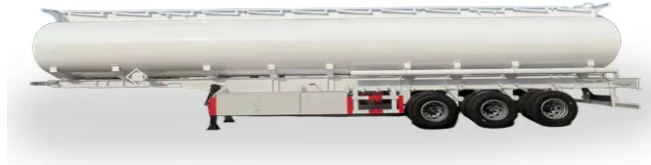
Proven running gear

Three FUWA 13-ton axles, 6,930 + 1,310 + 1,310 mm spacing, T30/30 spring brakes and twelve Linglong 12R22.5 tyres.

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42000 Liters Diesel Oil 3 Axles Fuel Tanker Semi Trailer

42,000 litre diesel tanker configurable from 28,000 to 75,000 litres



Overview

42000 Liters Diesel Oil 3 Axles Fuel Tanker Semi Trailer is a large transport equipment designed specifically for transporting liquid fuels such as diesel. The tank is mostly made of high-strength carbon steel or aluminum alloy, which is resistant to corrosion and impact. It can ensure the safety of diesel during transportation. The three-axis design provides stable support and strong load-bearing capacity, which can adapt to various road conditions and transportation requirements. The reasonable wheelbase and suspension system design ensure the stability of the semi-trailer when driving at high speeds and turning. High-quality materials and exquisite manufacturing techniques ensure semi-trailers' durability and long service life. It is equipped with a complete system of oil inlet and outlet pipelines and valves, which facilitates the management during the loading, unloading, and transportation of diesel. Safety devices include emergency shut-off valves, anti-overflow devices, etc., to ensure that the oil circuit can be quickly cut off in emergencies and prevent diesel leakage. Auxiliary equipment, such as manhole covers and breather valves, is used for the maintenance and inspection of the tank, as well as to balance the pressure inside and outside the tank. The design and manufacture of this semi-trailer comply with international and domestic safety standards to ensure safety during transportation. Adopt environmentally friendly materials and processes to reduce the impact on the environment. Meanwhile, it is equipped with a leak-proof device to prevent diesel leakage from polluting the soil and water sources.

Specification

Item	Value
SIZE	10800*2500*3850mm
Axle	2/3/4 Pcs, 13/16/20T
Payload	28T – 70 tons
Volume	28000-75000L
Tank /Thickness	5/6mm
GVW(kg)	40000
Main Beam	Q355 Carbon steel material
Handrail	Folding type
Suspension	Mechanical/Air/Bogie Suspension
Axle Brand	BPW/FUWA/DERUN
Tire	11.00R20,12R22.5■315/80R22.5
Landing Leg	JOST E100/AC300

Item	Value
Brake system	6pcs T30/30+T30 Brake Chambers WABCO relay valve
Painting	Powder spraying
King Pin	JOST 2" or 3.5 " Bolt-in/welding Type

Key benefits

Q355 carbon steel main beam

Carbon steel or aluminium alloy tank options, both corrosion and impact resistant.

Three suspension types

Mechanical, air or bogie suspension against the same chassis, chosen by road condition.

WABCO braking

Six T30/30 plus T30 brake chambers with a WABCO relay valve, and a JOST 2 or 3.5 inch kingpin, bolt-in or welded.

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55cbm (55000 Liters) Diesel Fuel Tanker Semi Trailer for sales

55,000 litre fuel tanker in aluminium alloy or carbon steel to your spec



Overview

55 cbm (55000 Liters) Diesel Fuel Tanker Semi Trailer constructed primarily from high-strength aluminum alloy or carbon steel, the tank body of this semi-trailer is engineered to withstand the rigors of transportation while minimizing weight. The use of aluminum alloy, in particular, offers significant weight savings compared to traditional carbon steel, resulting in improved fuel efficiency and increased payload capacity. The tanker semi-trailer features a three-axle configuration, which provides excellent stability and weight distribution, even when fully loaded. This design ensures smooth handling and maneuverability, reducing the risk of accidents and enhancing overall safety on the road. The suspension system, whether mechanical or air-based, further contributes to a comfortable and stable ride, even on uneven terrains.

Specification

Item	Value
SIZE	11500*2500*3900mm (customizable)
Tare weight (kg)	9800 (depends on final configuration)
Axles	13/16/20 Ton. Axle amount optional like 2/3/4axles ..., Axle brand FUWA
Landing Gear	28t Heavy Duty Landing Gear. Brand optional FUWA/JOST, etc.
Max Loading Capacity (kg)	60000 ■customizable)
Electrical system	1. Voltage: 24V waterproof 2. Receptacle: 7 ways (7 wire harness); LED light (standard rear light, turn light, rear reflector, side light, side reflector, etc.)
ABS System	None or installed as per your requirement.
Brake System	Dual line brake system, Air chamber T30/30, 3 X 40L gas storage drums
Leaf Spring	90(w)mm*13/16(thickness)mm*10(layer)
Main Beam	Q345B / T700 Steel Height 500mm upper plate is 14mm, down plate is 16mm, middle plate is 8mm. (customizable)
Suspension	Mechanical Suspension Air Suspension(American or German)
Color	As per customer requirement
Rim	9.00-22.5/8.00-20/8.50-20
Tire	12.00R22.5/315 80R22.5/11.00R20/12.00R20(Brand optional)
Spare Wheel Bracket	1 piece of Spare Wheel Bracket
Tool box	1 set of standard toolbox equipped with 1 Tire spanner, 1 gudgeon sleeve, and 1 cranking bar

Item	Value
King Pin	2"(50mm)or3.5"(90mm) JOST or other brand optional

Key benefits

Up to 60,000 kg loading capacity

Customisable, on a Q345B or T700 main beam 500 mm high with 14 mm upper, 8 mm middle and 16 mm lower plate.

Three axle stability

The three-axle layout distributes weight evenly when fully loaded, which keeps handling predictable on long hauls.

Suspension and tyres to your market

Mechanical or American or German air suspension, with 12.00R22.5, 315/80R22.5, 11.00R20 or 12.00R20 tyres, brand optional.

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China-Made 3 Axle Gas Tank Semi Trailer

Three axle liquid fuel tanker built to international road standards for export



Overview

If you are looking for a reliable, economical, and internationally standard fuel transportation solution, the SINOHENG three-axle Gas Tank Semi Trailer will be your ideal choice. This model is specially designed for the transportation of diesel, gasoline, and other liquid fuels. It features a high-strength structure and multiple safety configurations, and is widely suitable for long-distance transportation and heavy-load operation environments.

Specification

Item	Value
SIZE	10800*2500*3850mm
Axle	2/3/4 Pcs, 13/16/20T
Payload	28T – 70tons
Volume	28000-75000L
Tank /Thickness	5/6mm
GVW(kg)	40000
Main Beam	Q355 Carbon steel material
Handrail	Folding type
Suspension	Mechanical/Air/Bogie Suspension
Axle Brand	BPW/FUWA/DERUN
Tire	11.00R20,12R22.5■315/80R22.5
Landing Leg	JOST E100/AC300
Brake system	6pcs T30/30+T30 Brake Chambers WABCO relay valve
Painting	Powder spraying
King Pin	JOST 2" or 3.5 " Bolt-in/welding Type

Key benefits

28 to 70 tons payload

2, 3 or 4 axles in 13, 16 or 20-ton ratings, with tank volumes from 28,000 to 75,000 litres.

Export support

SINOHENG ships in bulk to more than 30 countries and handles the documentation with the order.

Q355 main beam

Carbon steel main beam with mechanical, air or bogie suspension and WABCO relay valve braking.

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Chinese Brand 3/4 Axle Oil Tank Semi Trailer with Reasonable Prices

Double D tank of 42,000 to 45,000 litres with a low centre of gravity



Overview

The 3/4 Axle Oil Tank Semi Trailer features a low center of gravity and large volume design, with a capacity of 42,000-45,000 liters, combined with a double D-type tank structure, which maximizes loading capacity while ensuring stability. This model reduces wind resistance by optimizing the tank contour and, in combination with lightweight aluminum alloy or high-strength steel materials (such as Q345B carbon steel), achieves a 10%-15% reduction in self-weight, significantly improving fuel economy.

Specification

Item	Value
Size	10.5*2.5*3.7m
Axle	3 axle/Fuwa Brand/13t
Wheel Base	7000-8000mm
Load Capacity	50T
Tread	1840
Tire Number	12
ABS Anti-lock Braking System	ABS Anti-lock Braking System
Tire	12r22.5
Certification	ECE, GCC, CE, ISO9001, DOT, CCC, ISO/TS16949
Types of Suspension Systems	Leaf Spring Suspension
Material	Steel
King Pin	Jost 50/90
Rim	9.0-22.5
Side Wall	Height 1600mm, Thickness 6mm/Optional
Other	All Models Can Be Customized

Key benefits

42,000 to 45,000 litre capacity

5 to 6 mm aluminium alloy or Q345B carbon steel, with corrosion resistance improved by more than 30%.

Inspected welding

Fully automatic argon arc welding with X-ray inspection of the seams.

ABS as standard

Three-axle FUWA 13-ton running gear on leaf spring suspension with twelve 12R22.5 tyres and a 7,000 to 8,000 mm wheelbase.

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High quality 3 axle 40000L fuel tank trailer for sale

40,000 litre three axle fuel tanker in Q345 steel with 5% vapour space



Overview

This three-axle fuel tank trailer is a professional device specially designed for efficient and safe long-distance liquid transportation. It is widely used in the batch distribution of fuel such as petroleum, diesel, and gasoline. Its overall external dimensions are 11,500mm in length, 2,500mm in width, and 3,950mm in height. The structure is compact and complies with international road transport standards. The position of the towing pin is 500mm away from the front end of the front baffle. It can be flexibly adjusted according to different towing vehicle specifications to ensure towing stability. The three-axis spacing adopts an optimized layout of 6,000mm+1,310mm+1,310mm, combined with the design where the outriggers are located 2,500mm behind the traction pins. This not only ensures a balanced weight distribution during driving but also enhances the convenience of loading and unloading operations. The total capacity of the tank reaches 40,000 liters, and an additional 5% steam space is reserved to cope with temperature changes.

Specification

Item	Value
Length	11,500mm
Width	2,500mm
Height	3,950mm
Kingpin location	500mm from the front face of the front bolster
Axle spacer	6,000mm+1,310mm+1,310mm
Landing gear location	2,500mm behind the kingpin location
Payload	40,000kg
Tare weight	Approx.8,000kg
G.V.W.R.	Approx. 48,000kg
Volume	40,000L+5% vapor
Tank body	Material Q345 steel; Sphere end plate thickness 6mm, Tank shell thickness 5mm, Anti-wave plate thickness 4mm
Discharge valve	3" Ball valve
Discharging pipe	3-inch rubber hose with hose carriers, 2 pc, 6m/each
Kingpin	JOST 2" Kingpin, bolted in type
Manhole	Safety manhole with a breath valve, carbon steel, diameter 500mm.
Bottom valve	4-inch Pneumatic valve, China local brand
Test	Hydrostatic test to 5 psi (35 Kpa) on each compartment

Item	Value
Welding standard	All welding is to be done by a qualified welder per the applicable national standard
Painting	Shot blast at Standard SA 2.5 before application of primer, polyurethane top coat. Total DFT not less than 80um
Suspension	Standard mechanical suspension, 10pcs leaf spring 13mmx90mm
Axle	FUWA axle, 3pcs*13 ton capacity
Brake system	Dual line pneumatic brake, with hose and connector
Brake chamber	T30/30 spring brake system on 3 axles, China
Air tank	50L, 2 pcs, China
Emergency relay valve	WABCO relay valve
Tire	Linglong brand, 12R22.5, 12 pcs
Rim	9.00*22.5 steel disc wheel, 10 holes ISO, 12 pcs.
Landing gear	28T two-speed telescopic manual landing gear
Voltage	24 Volt
Receptacle	7-way socket standard, China
Front marker lamp	White
Side marker lamp	White & Red
Rear lamp	Red
Turn signal lamp	Amber
Reflector	Per customer requirement
Fire extinguisher	2 units* 8 kgs per trailer
Walkway	Anti-skid walkway from the rear to the first manhole
Mud guard	Steel mud guard
Spare wheel carriers	2 pcs
Tool box	1 pc

Key benefits

40,000 kg payload at 8,000 kg tare

11,500 × 2,500 × 3,950 mm with a G.V.W.R. of about 48,000 kg.

Tested and certified build

Hydrostatic test to 5 psi (35 kPa) on each compartment, with welding by qualified welders to the applicable national standard.

Safety equipment fitted

500 mm carbon steel safety manhole with breather valve, two 8 kg dry powder extinguishers, anti-slip walkway and steel mudguards.

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High-Quality 3 compartments Fuel Tank Trailer Manufacturer

Three compartment 40,000 L carbon steel tanker with anti-overflow protection



Overview

If you are looking for an experienced and reliable Fuel Tank Trailer Manufacturer, this 3-compartment fuel tank trailer is a trustworthy choice.

Specification

Item	Value
Capacity	40,000 liters + 3%~5%
Compartmentation	3 compartments
Hauling product	Liquid Flammables (Gasolines, Diesel)
Overall dimension	10800*2500*3650 mm (The final dimension depends on the final design drawings.)
Material	Carbon steel Q235
Dished end	6 mm thick steel Q235. All single heads are dished and flanged.
Tank shell & compartment divider	5 mm thick steel Q235
Anti-wave Baffle	4 mm thick steel Q235
Main beam	Standard features include a heavy-duty frame welded to the tank bottom
Roll-over coaming	Full-length roll-over coaming for anti-fall protection on both sides of the tank top
Hydrostatic test	Pressure Testing – hydrostatic @ 35kpa (5 psi) each compartment
Painting	All steel shall be sandblasted to SA 2.5 and painted with Epoxy zinc phosphate primer and polyurethane finish painting (anti-corrosion), with the client's Logo. Specification for the Logo provided by the client.
Manhole cover	3 sets of 500mm diameter Aluminum alloy European standard manhole covers
Discharge valve	3 sets of API valves for discharging, a lockable discharge valve box.
Bottom valve (Emergency valve)	3 sets pneumatic-controlled emergency valves. The valve is fitted with a valve operator.
Hose and hose carrier box	1 nos (LHS) and 1 nos (RHS) hose carrier to fit 3" x 6 meter hose.
Water drain pipe	Water drain rubber pipe from the tank top to be provided
Kingpin/plate	12mm thick mild steel plate fabrication c/w 3.5" or 2" king pin
Landing gear	1 set of 28-ton landing gear with a two-speed manual operation type
Axle	FUWA brand 3 axles * 13 tons capacity, with ABS, origin China,

Item	Value
Suspension	Mechanical Reinforced Multi-Leaf Spring. Suspension frame, Mild steel fabricated for heavy-duty usage
Brake system	Dual line air brake system comprising of contact type coupling, brake chamber, emergency valve, and air reservoir
Tires	12 pcs 12R22.5 tubeless tires, Triangle brand
Rims	12 pcs 9.00*22.5 steel tubeless rims
Access Ladder	Detachable steel fabricated with steps mounted at the rear of the tank.
Walk way	Anti-skid walkway fitted with steel grating.
Safety handrail	Manually operated collapsible handrail fixed on the top of the tank
Tool box	1 set lockable toolbox
Side guard	Side guards should be provided, made of steel material, on both sides of the tanker
Mudguard	Whole piece of steel plates, type c/w mud flaps
Rear bumper	Steel bumper to accommodate light assembly and number plates to cover the full width of the tank.
Fire extinguisher holder	2 pcs x9 kgs dry powder fire extinguisher.
Anti-Static System	An earthing strip is to be installed at the rear of the tanker. 1 Nos of grounding bounding reels.
Light & Wiring	Standard front, side, and rear. 24-volt system, 7-wire ISO socket. Red/brake, white/reverse, and amber/direction indicator, LED tail lamp 8pcs side marker lamp

Key benefits

40,000 litres plus 3% to 5% expansion

10,800 × 2,500 × 3,650 mm, with final dimensions confirmed on the design drawings.

5 mm Q235 shell and dividers

Carbon steel construction with a heavy-duty frame welded to the tank bottom.

ABS braking as standard

Three FUWA 13-ton axles with ABS, dual line air brakes, reinforced multi-leaf suspension and twelve Triangle 12R22.5 tubeless tyres.

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Hot Sale Factory Price Tanker 3-Axle Powder Tank trailer Leaf Spring

45 m³ powder tanker in 610L wear resistant steel at 9 ton tare



Overview

The 3-Axle Powder Tank trailer Leaf Spring Heavy-Duty Bulk Cement adopts a 3-axle layout and a heavy-duty suspension system. By optimizing the axle load distribution, it achieves a load of 13-16 tons per axle and a total carrying capacity of 50-80 tons. Its tank volume covers 30 to 67 cubic meters. When combined with 4 to 6 mm high-strength wear-resistant steel plates (such as Q235A/Q345B), it can stably transport powder materials with a diameter of less than 0.1 mm, such as cement, fly ash, and lime powder. Moreover, the tank's service life is extended by more than 30% compared to carbon steel models.

Specification

Item	Value
Tare Weight (KG)	9000
Tank Body Material	610L
Suspension	Leaf Spring Suspension Tare Weight (KG)
The Capacity/Volume of the Tank Body	45cbm
Tire	12R22.5/12
Vehicle Painting	Powder Spraying
Trailer Frame Material	High-Strength Steel
Brand of Axle	FUWA Brand
Rim	9.0*22.5/12
Color	Optional
Air Compressor	Flow rate (12m³/minimal)/Power (37KW minimal)

Key benefits

45 m³ standard, 30 to 67 m³ range

Built with 4 to 6 mm high-strength wear-resistant plate for powders finer than 0.1 mm.

9,000 kg tare weight

1.5 to 2 tons lighter than traditional models, which goes straight onto the payload.

Heavy duty leaf spring suspension

Three FUWA axles with twelve 12R22.5 tyres on a high-strength steel frame.

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Low Price 45 CBM V Shape Flour Bulk Cement Powder Tanker Trailer for

V shape 45 CBM powder tanker carrying about 30% more than a round tank



Overview

The Low Price 45 CBM V Shape Flour Bulk Cement Powder Tanker Trailer has significant advantages in many aspects. Compared with the traditional circular tank, the V-shaped tank design can increase the loading volume by nearly 30%, greatly improving the transportation efficiency. Meanwhile, the V-shaped tank keeps the vehicle's center of gravity lower, which can significantly enhance the vehicle's driving stability.

Specification

Item	Value
Overall Dimension	9850*2550*4000mm
Axle	3x16tons standard axles with cast hubs
Suspension	Mechanical Suspensions/Air Suspensions
Curb Weight	8200kg
Side Beam	Channel steel
Loading Capacity	40000kg
Main Beam	2pcs, Material T700, tensile strength 700MPa, "■" shape, Thickness: upper board "—" 12mm, middle board "I" 10mm, bottom board "—" 16mm.
Cross Beam	Channel steel, 4mm Thickness
Volume	45 CBM
Leaf Spring	10-layer leaf spring
Tire	11.00R20/12.00R20/ 12R22.5
Landing Gear	28T*2
Rim	7.5 x 19.5
King Pin	2"(50mm)or3.5"(90mm)

Key benefits

45 CBM at 40,000 kg loading capacity

9,850 × 2,550 × 4,000 mm on three 16-ton standard axles with cast hubs.

Mechanical or air suspension

Specified per route, with channel steel side beams and a choice of three tyre sizes.

Tractor compatibility

50 mm or 90 mm kingpin to match your existing fleet.

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