

Dump Trailers Specification Pack

Rear, side and U-body tippers from 24 to 42 cubic metres for sand, ore and demolition waste

A dump trailer is a specialized trailer used in conjunction with tractors that can automatically dump goods.

7 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 24 CBM Rear Dump Semi Trailer (front lifting system)	24 m ³ rear tipper with front lifting cylinder on a 9.3 m chassis
40m ³ U-type Tipping Trailer supplier in China	40 m ³ U-type tipper with VICT700L body and lifting air suspension axle
42m ³ 3 Axles U-type Dump Trailer For Sale	42 m ³ U-type tipper with ROCKY450 body for sand coal and ore
Custom-Made Tipper Trailer from SINOHENG	Custom tipper from 30 to 100 tons in U-shape or square body
Heavy Duty 50Ton Dump Semi Trailer for Sale	50 ton rear tipper with 40 m ³ body on 16 ton axles
High Quality Side Dumper Trailer for Sale	Hydraulic side tipper with four 150 mm cylinders for confined tip sites
Top China Dump Trailer Supplier	Rear, side and U-body tippers from 30 to 100 tons built to order

3 Axle 24 CBM Rear Dump Semi Trailer (front lifting system)

24 m³ rear tipper with front lifting cylinder on a 9.3 m chassis



Overview

This 3 Axle 24 CBM Rear Dump Semi Trailer (front lifting system) is a heavy-duty transportation tool tailored for industries such as mining, building materials, and sand and gravel transportation. Made of high-strength steel and advanced lifting systems, it not only ensures efficient loading and unloading but also features a stable structure, safety, and reliability. It is an ideal choice for bulk material transportation.

Specification

Item	Value
Length	9300mm
Width	2,550mm
Height	3350mm ■1350mm■
Kingpin location	1,020mm from the front face of the front bolster
Axle spacer	4510mm+1,310mm+1,310mm
Landing gear location	2,500mm behind the kingpin location
Payload	40,000kg
Tare weight	Approx. 8700kg
G.V.W.R.	Approx. 48,700kg
Main beam	Heavy duty and extra durability designed; Opting for high tensile steel Q700, welding by automatic Submerged-Arc processes. 500mm Height "I" beam, Top Flange 12mm, width 140mm; Web 8/6mm; Bottom Flange 14mm, width 140mm.
Platform	4 mm plate
Side wall	3 mm plate
Lifting system	Full set of PUHUI 196-6180 lifting system, front lifting.
Kingpin	2" SAE Kingpin, bolted in type
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, water paint top coat. Total DFT not less than 80um
Suspension	Mechanical suspension, leaf spring 6pcs
Axle	FUWA brand axle, 3pcs*13 ton capacity

Item	Value
Brake system	Dual line pneumatic brake, SAE hose and connector
Brake chamber	4 units T30/30 spring brake chambers, 2 units T30 brake chambers
Air tank	40L, 2 pcs, China
Emergency relay valve	Wabco relay valve
Tire	Linglong brand, 12R22.5, 12 pcs. China
Rim	9.00*22.5 steel disc wheel, 10 holes ISO, 12 pcs. China
Landing gear	28T two-speed telescopic manual landing gear
Voltage	24 Volt
Receptacle	7-way socket SAE standard
Front marker lamp	White
Side marker lamp	White & Red
Rear lamp	Red
Turn signal lamp	Amber
Reflector	Per customer requirement
Mud guard	Steel mud guard
Spare wheel carriers	1 pc
Tool box	1 pc

Key benefits

40,000 kg payload at 8,700 kg tare

G.V.W.R. of about 48,700 kg with 3 mm side wall plate.

Fully specified running gear

Three FUWA 13-ton axles, six leaf spring mechanical suspension, four T30/30 plus two T30 brake chambers and twelve Linglong 12R22.5 tyres.

Bolt-in 2 inch SAE kingpin

Set 1,020 mm from the front bolster face, replaceable without cutting.

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40m³U-type Tipping Trailer supplier in China

40 m³ U-type tipper with VICT700L body and lifting air suspension axle



Overview

Looking for a reliable tipping trailer supplier in China? This 40-cubic-meter U-shaped dump semi-trailer is specially designed for bulk material transportation. It features a sturdy structure, efficient unloading, and convenient maintenance.

Specification

Item	Value
Overall Dimension (mm)	Length×width×height:11,573×2,500×3,700(The height will be adjusted according to the tractor specification)
Fifth Wheel Height (mm)	The height will be adjusted according to the tractor's specifications
Kingpin Setting	950 mm from the face of the front bolster
Maximum Lifting Angle	45 °
Tare Weight (kg)	11,500 kg (±5%■)
Payload (kg)	50,000 kg (±5%■)
Gross weight (kg)	61,500 kg (±5%■)
Main Beam(mm)	Submerged arc welding
Main Beam	Flange:10mm/12mm,Double Web:5+5mm,VICT700L (equivalent to DOMEX600)
Inner Dimension(mm)	Length×width×height:10,500×2,300×1,700 mm
Capacity	40m³
Floor/Side	Floor: 6mm ROCKY450 (Europe standard, equivalent to HARDOX 450), Side wall:3.5mm VICT700L (equivalent to DOMEX600)
Tire	Type: 13R22.5, equip 17pcs(including one spare tire) per chassis, Linglong
Rim	Type: 9.0-22.5, equip 17pcs per chassis
Axle	FUWA 13T, 4 sets, without ABS
Suspension	3-axle mechanical suspension with 10 pieces of leaf springs, one axle, MANDEEP German type air suspension with lifting
Landing Gear	Goldenstone 30T, Lifting capacity 30T, and static load 80T Goldenstone 30T
Kingpin	JOST 90# ,exchanged
Hydraulic system	HYVA FCA-191-5 hydraulic system
Brake System	Dual air brake system, 30/30 type on rear two axles, WABCO brake valve.

Item	Value
ABS	Non
Electrical System	24V, LED lamp
Spare Tire Carrier	Equip 2 sets per chassis
Tool Box	1 set
Paint	Primer + top coat, polyurethane paint
Color	By the customer's requirement.

Key benefits

50,000 kg payload at 11,500 kg tare

11,573 × 2,500 × 3,700 mm overall, with inner dimensions of 10,500 × 2,300 × 1,700 mm for 40 m³.

HYVA hydraulic lifting

Paired with a submerged arc welded main beam with 10 or 12 mm flanges and a 5 + 5 mm double web in VICT700L.

Seventeen tyres carried

13R22.5 Linglong including one spare, on four FUWA 13T axles with two spare tyre carriers.

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42m³ 3 Axles U-type Dump Trailer For Sale

42 m³ U-type tipper with ROCKY450 body for sand coal and ore



Overview

Looking For a Dump Trailer For Sale with high strength and large capacity? This 42-cubic-meter 3-axle U-shaped dump trailer can efficiently transport bulk materials such as sand, gravel, coal, ore, or construction waste. It is more durable and suitable for various working conditions, making it a good choice.

Specification

Item	Value
Overall Dimension (mm)	Length×width×height:11,548×2,720×3,785 mm (The height will be adjusted according to the tractor specification)
Fifth Wheel Height (mm)	The height will be adjusted according to the tractor's specifications
Kingpin Setting	950 mm from the face of the front bolster
Maximum Lifting Angle	43 °
Tare Weight (kg)	12,400 kg (±5%■)
Payload (kg)	50,000 kg (±5%■)
Gross weight (kg)	62,400 kg (±5%■)
Main Beam(mm)	Submerged arc welding
Inner Dimension(mm)	Length×width×height:10,500×2,500×1,750 mm
Capacity	42m³
Floor/Side	Floor: 8mm, Sidewall: 6mm, ROCKY450 (Europe standard , equivalent to HARDOX 450)
Tire	Type: 12.00R20, equip 12pcs per chassis, famous brand from China, optioned by factory
Rim	Type: 8.5-20, equip 12pcs per chassis
Axle	FUWA 16T, 3 sets, without ABS
Suspension	3-axes enforced mechanical suspension
Landing Gear	Goldenstone 30T, Lifting capacity 30T, and static load 80T Goldenstone
Kingpin	JOST 90# ,exchanged
Hydraulic system	Full set of HYVA hydraulic system
Brake System	30/30 type, WABCO/HALDEX brake valve
ABS	Non
Electrical System	24V, LED lamp

Item	Value
Spare Tire Carrier	Equip 2 sets per chassis
Tool Box	1 set
Tarpaulins	1pcs
Paint	Primer + top coat, polyurethane paint
Color	By customer's requirement.

Key benefits

50,000 kg payload in 42 m³

Inner dimensions 10,500 × 2,500 × 1,750 mm with a tare of 12,400 kg ±5%.

Low centre of gravity

The U-body profile keeps the load low, which improves stability on haul roads and during tipping.

Heavy duty running gear

FUWA 16T × 3 axles, reinforced mechanical suspension, JOST 90# exchanged kingpin, WABCO or HALDEX brake valve and two spare tyre carriers.

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Custom-Made Tipper Trailer from SINOHENG

Custom tipper from 30 to 100 tons in U-shape or square body



Overview

Looking for a powerful and structurally reliable Tipper Trailer for bulk material transportation? SINOHENG offers you the customized Tipper Trailer, which is specially designed for transporting heavy loads such as sand, gravel, coal, and construction waste, and is adaptable to various complex road conditions and harsh working environments.

Specification

Item	Value
Size	9900*2500*4000
Max Payload	30T,40T, 50T, 60T, 70T, 80T, 90T, 100T
Curb Weight	9.5T
Volume	40 cubic meters
Loading Capacity	60T
Landing Gear	28T
Material	Steel
Leaf Spring	90(W)mm*13(Thick)mm*10 Layer
Brake Chamber	WABCO
Tire	12R22.5

Key benefits

40 m³ body at 60 ton loading capacity

The standard configuration, built from high-strength steel with an efficient hydraulic lifting system.

WABCO brake chambers

Standard braking components with 12R22.5 tyres.

Built for harsh conditions

Specified for sand, gravel, coal and construction waste on complex road surfaces.

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Heavy Duty 50Ton Dump Semi Trailer for Sale

50 ton rear tipper with 40 m³ body on 16 ton axles



Overview

This 50-ton heavy-duty dump semi trailer is specially designed for high-intensity transportation tasks. Combining a robust and durable structure with an efficient hydraulic dump system, it helps you easily handle the loading and unloading needs of various materials. Whether it is a construction site, a mining site, or a large-scale logistics transportation, it can ensure safe and stable operation.

Specification

Item	Value
Size	11280x2495x3970mm
Axle	3 axles, FUWA brand, 16 tons per axle
Tare weight	About 15000kgs
Loading capacity	40m ³ \ 80T
Side wall thickness	6mm \ Q235steel
Bottom platform thickness	8mm\ Q235steel
Main beam	Height: 500mm, upper plate is 16 mm, middle is 8mm, down plate is 18mm\Q345B steel
Landing gear	Jost A300C
Leaf spring	90(W)mm*13(thickness)*10
Suspension	Mechanical suspension
Braking System	WABCO RE 6 relay valve, spring brake chamber, one piece of 45L air tank
Rim	9 .0* 22.5
King Pin	Jost 2.0 or 3.5 inch bolt-in type
Tire	12R222.5 brand can be optional
ABS	Optional
Painting	Complete chassis sand blasting to clean rust, 1 coat of anticorrosive primer, 2 coats of final paint
Accessories	One standard toolbox (equipped with 1 unit Tire spanner, 1 unit gudgeon sleeve, and 1 unit cranking bar)

Key benefits

40 m³ body, 80 ton loading capacity

Three FUWA axles rated 16 tons each, with tare around 15,000 kg.

WABCO braking package

RE6 relay valve, spring brake chambers and a 45 L air tank.

Bolt-in JOST kingpin

2.0 or 3.5 inch, so a damaged pin can be replaced without cutting.

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High Quality Side Dumper Trailer for Sale

Hydraulic side tipper with four 150 mm cylinders for confined tip sites



Overview

If you're looking for a Side Dumper Trailer for Sale that combines durability and unloading efficiency, this high-quality model is a great choice. Whether transporting sand and gravel, coal, ores, or construction waste, it can provide an efficient and safe transportation experience under various working conditions.

Specification

Item	Value
Main Beam	Height 500mm, upper flange 14mm, lower flange 16mm, web plate 8mm
Floor Plate	3mm thick flat bottom, fully welded
Side Beam	16# channel steel
Top Edge Beam	14# channel steel
Toolbox	1 set
Spare Tire Carrier	2 sets
Brake Chambers	Four double + two single
Landing Gear	28T
Rim Size	8.0-20, 12 pieces
Tire	Triangle steel radial tire 11.00R20, 12 pieces
Axle	FUWA 13T, 3 axles
Kingpin	90# bolted type
Leaf Spring	10 pcs per axle
Suspension	Standard mechanical suspension
Lifting Cylinder	Diameter 150mm × 4 sets
Shifting Cylinder	None

Key benefits

Four 150 mm lifting cylinders

Rapid, smooth lateral unloading with no shifting cylinder to maintain.

Box-shaped body on a 500 mm main beam

14 mm upper flange, 8 mm web, 16 mm lower flange, with a 3 mm fully welded flat floor and 16# channel side beams.

Complete running gear

Three FUWA 13T axles, mechanical suspension, 90# bolted kingpin, four double plus two single brake chambers, twelve Triangle 11.00R20 tyres and two spare tyre carriers.

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Top China Dump Trailer Supplier

Rear, side and U-body tippers from 30 to 100 tons built to order



Overview

Looking for a reliable China Dump Trailer Supplier? We focus on manufacturing high-quality, customizable dump semi-trailers, which are widely used in heavy-load transportation scenarios such as sand and gravel, construction waste, and mineral resources, and are suitable for various complex working conditions.

Specification

Item	Value
Size	11000*2500*2800mm
Axle	2/3/4*13/16T FUWA
Loading Capacity	30T-100T
Landing Gear	28T two-speed, JOST
Leaf Spring	90mm*13/16mm*10 pieces
Main Beam	T700/Q345 Steel
Suspension	Mechanical/Airbag
Rim	8.0/9.0*8/12/16 pieces, steel/aluminum
King Pin	#50(2")/#90(3.5"), JOST/Other Brand
Tire	11.00R20/12R222.5*8/12/16 pieces

Key benefits

30 to 100 tons loading capacity

Axle count from 2 to 4 in 13 or 16-ton FUWA ratings, matched to the tonnage you actually run.

T700 or Q345 main beam

High tensile steel where the load is carried, so the body can be lighter without losing strength.

Mechanical or airbag suspension

Mechanical for quarry roads, airbag where the tip site is paved and ride matters.

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