

RHINOSTRONG

For Trailers, For Strength, For The Long Haul

SHANDONG TIANHONG INDUSTRIAL CO., LTD

RHINOSTRONG

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ABOUT US

2011
Founded

13km²
Floor Area

300
Company Employees

RHINOSTRONG

Founded in April 2011, Shandong Tianhong Industrial Co., Ltd. is located in Liangshan Economic Development Zone, a major special-purpose vehicle production base. The company has obtained ISO9001-2015 certification and CCC certification, and is included in the national Announcement Management. Equipped with advanced technical equipment and comprehensive testing methods, it is a modern comprehensive enterprise integrating automobile manufacturing, scientific research, design, trade and component production. Currently, it has become a well-known enterprise in China's special-purpose vehicle industry and a leading enterprise in China's trailer (special-purpose vehicle) production base. The company covers an area of 130,000 square meters, with a production and construction area of 60,000 square meters, and has an annual production capacity of 20,000 units of various special-purpose vehicles.

The company's leading products include low-bed trailers, flatbed trailers, tank trailers, dump trailers, heavy-duty modular trailers, etc. Our flagship export brand "RHINOSTRONG" is sold worldwide for its stable performance and superior quality

RHINOSTRONG Aims to build a learning-oriented and knowledge-based team, we adhere to a people-centric cultural philosophy and implement the employment strategy of "retaining talents

through career development, competitive remuneration, sincere care and cultural cohesion", successfully gathering a large number of young, knowledgeable and competent professionals. Currently, the company has 300 employees, including 5 senior managers, 15 intermediate managers/technicians, and 30 other management staff (including 10 R&D personnel for high-tech projects).









PRODUCTION EQUIPMENT



Automatic panel splicing machine



Gantry crane



CNC cutting machine



Automatic welding machine for corrugated cardboards



Robotic hands



Gantry-type circumferential welding machine



Gantry welding



Laser cutting machine



Vertical machining center



Rolling mill



Milling machine



Bending machine



Boring machine



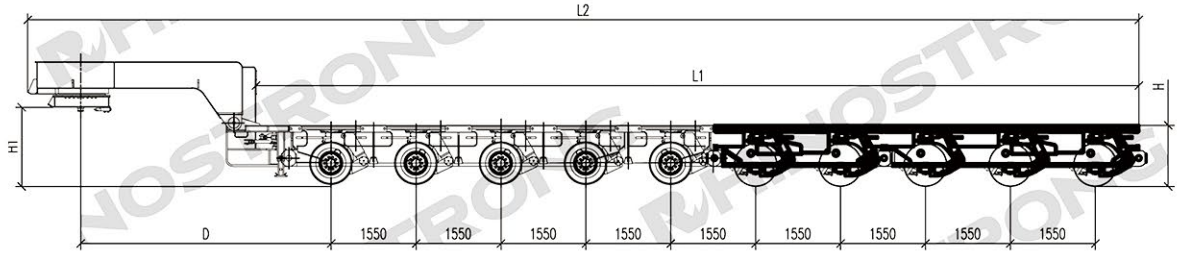
Machining center

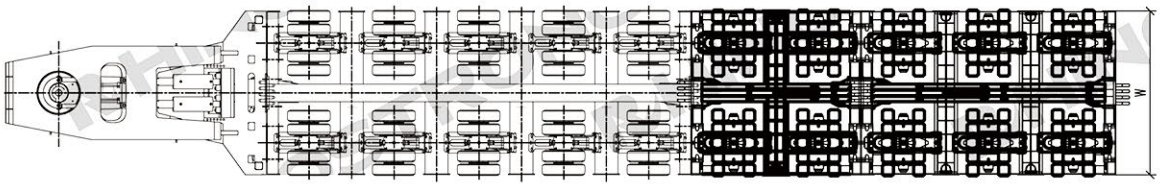


Robotic arm



Drawing & Specification





Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Turning angle
Large Cargo Trailer(Nicolas)	12Line 22600*3000*2200mm	360T	Hydraulic suspension	Hydraulic Steering	215/75R17.5*96	45°
Large Cargo Trailer(Goldhofer)	8Line 16000*2500*2200mm	280T	Hydraulic suspension	Hydraulic Steering	215/75R17.5*64	55°











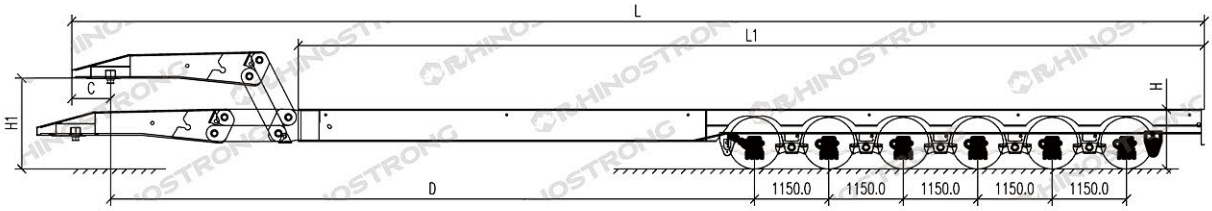
Product Features

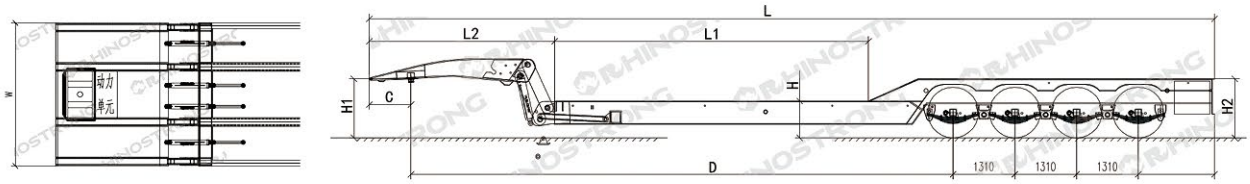
The heavy-duty large cargo trailer is made for moving oversized, hard-to-transport loads. It has a tough frame, smooth steering, and stable suspension to keep goods safe on the road. Perfect for construction, wind power and industrial projects—reliable, easy to use and low maintenance.

FOLDING GOOSENECK LOWBED TRAILER



Drawing & Specification





Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Platform Height
Folding Gooseneck Lowbed Trailer	18000*3000*1850mm	60T	Leaf Spring 90*13mm 10pcs	13T*5	12R22.5*20	1250mm
Folding Gooseneck Lowbed Trailer	18000*3000*1850mm	80T	Leaf Spring 90*13mm 10pcs	13T*6	12R22.5*24	1250mm
Folding Gooseneck Lowbed Trailer	18000*3000*1850mm	100T	Leaf Spring 120*16mm 10pcs	20T*5	295/60R17.5*20	1100mm
Folding Gooseneck Lowbed Trailer	18000*3000*1850mm	120T	Leaf Spring 120*16mm 10pcs	20T*6	295/60R17.5*24	1100mm

Loading surface option: Straight-beam / Concave design













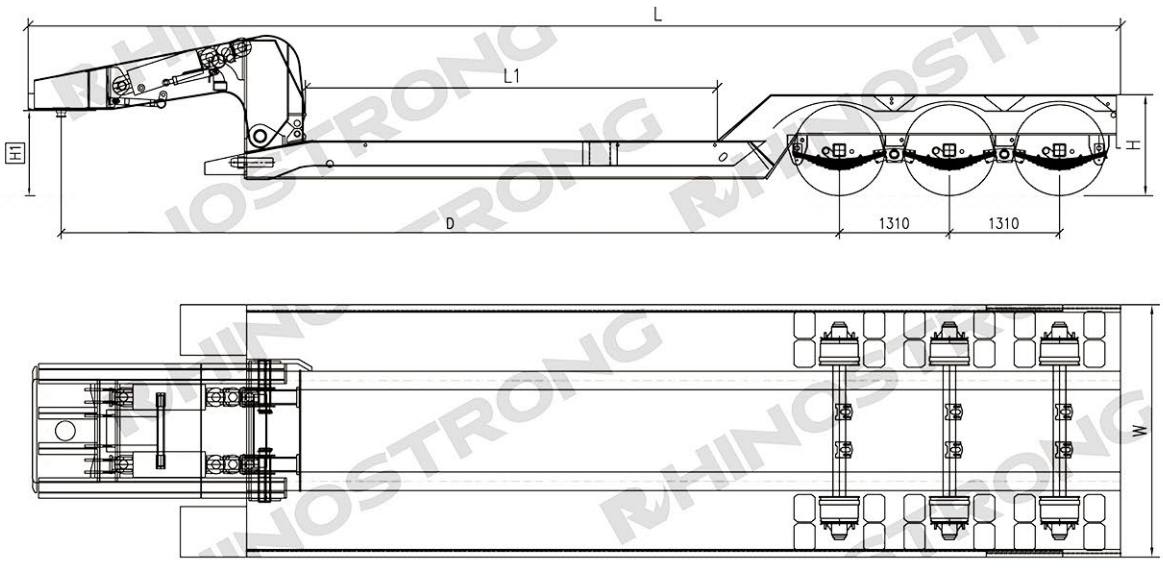
Product Features

The folding gooseneck lowbed trailer features a front-loading design, simplifying the process for oversized and heavy machinery, improving efficiency and reducing labor costs. Its adjustable gooseneck height adapts to different loading heights and road clearances, avoiding extra costs from height restrictions. It also optimizes load distribution and driving stability.



DETACHABLE GOOSENECK TRAILER

Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Platform Height
Detachable Gooseneck Lowbed Trailer	16000*3000*2300mm	60T	Leaf Spring 90*13mm 10pcs	16T*3	12R22.5*12	650-850mm
Detachable Gooseneck Lowbed Trailer	16000*3000*2300mm	80T	Leaf Spring 90*16mm 10pcs	16T*4	315/80R22.5*16	650-850mm
Detachable Gooseneck Lowbed Trailer	16000*3000*2300mm	100T	Leaf Spring 120*16mm 10pcs	20T*4	315/80R22.5*16	650-850mm

Loading surface option: Straight-beam / Concave design











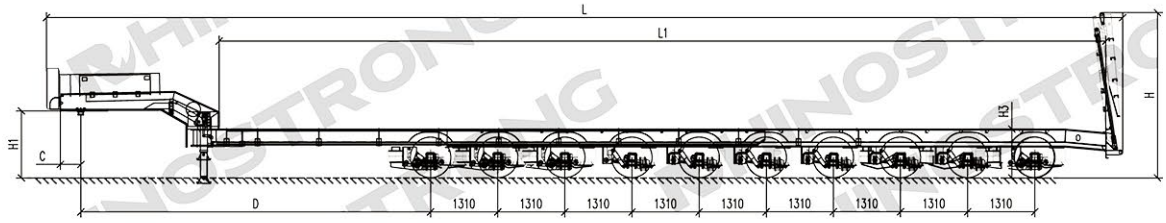
Product Features

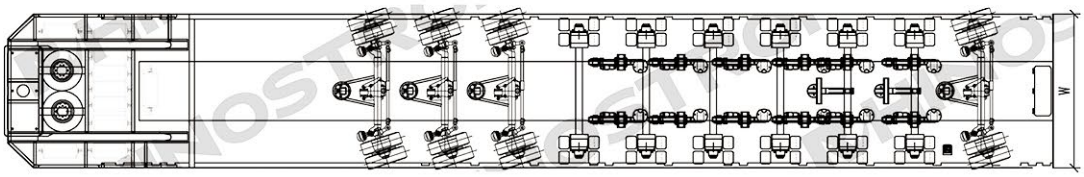
The detachable gooseneck low-bed semi-trailer features a flexible structure that allows front loading. Lowering the platform height facilitates the transportation of over-height machinery and enables the transport of diverse cargo types



MULTI AXLE EXTENDABLE LOW BED TRAILER

Drawing & Specification





Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Platform Height
6 Axles Lowbed Trailer	18000*3000*2300mm	80T	Air Suspension	CTC 11.5T*6	245/70R17.5*24	950mm
8 Axles Lowbed Trailer	18000*3000*2300mm	100T	Air Suspension	CTC 11.5T*8	245/70R17.5*32	950mm
10 Axles Lowbed Trailer	18000*3000*2300mm	150T	Air Suspension	CTC 11.5T*10	245/70R17.5*40	950mm

Options: Lifting; Self-steering axle; telescopic loading surface design.











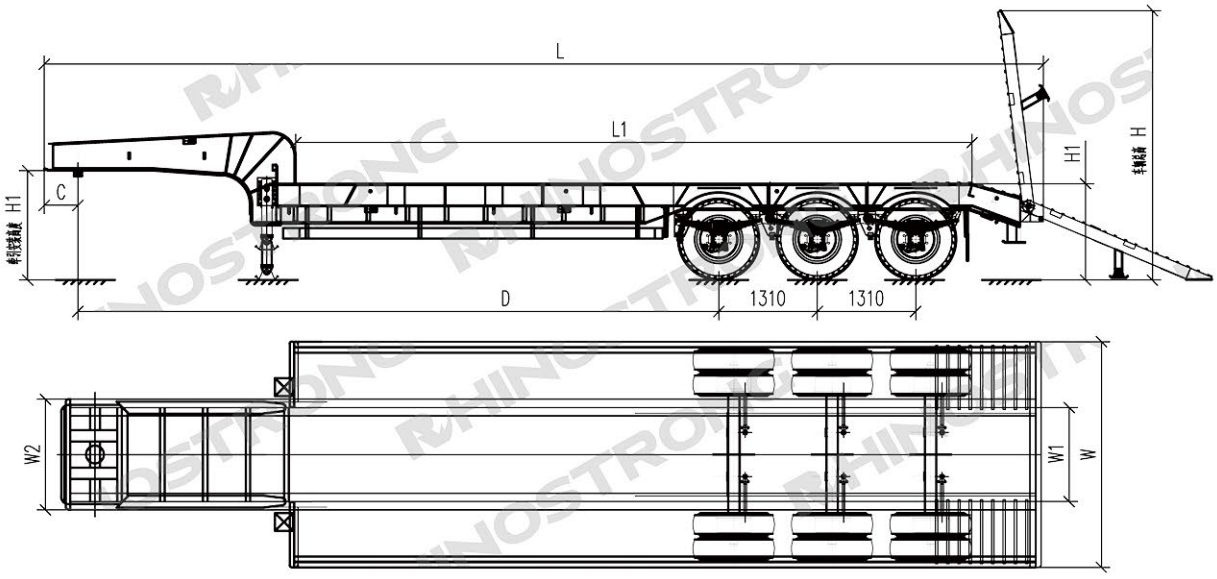


Product Features

The multi-axle lowbed trailer is usually designed with a telescopic loading surface, suitable for transporting goods of different lengths and weights It can be equipped with self-steering axles according to customer requirements to provide better flexibility.



Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Platform Height
2 Axles Lowbed Trailer	13000*3000*1750mm	30T	Leaf Spring 90*13mm 10pcs	13T*2	12R22.5*8	1350mm
3 Axles Lowbed Trailer	13000*3000*1750mm	60T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	1350mm
4 Axles Lowbed Trailer	13000*3000*1750mm	80T	Leaf Spring 90*16mm 10pcs	13T*4	12R22.5*16	1350mm















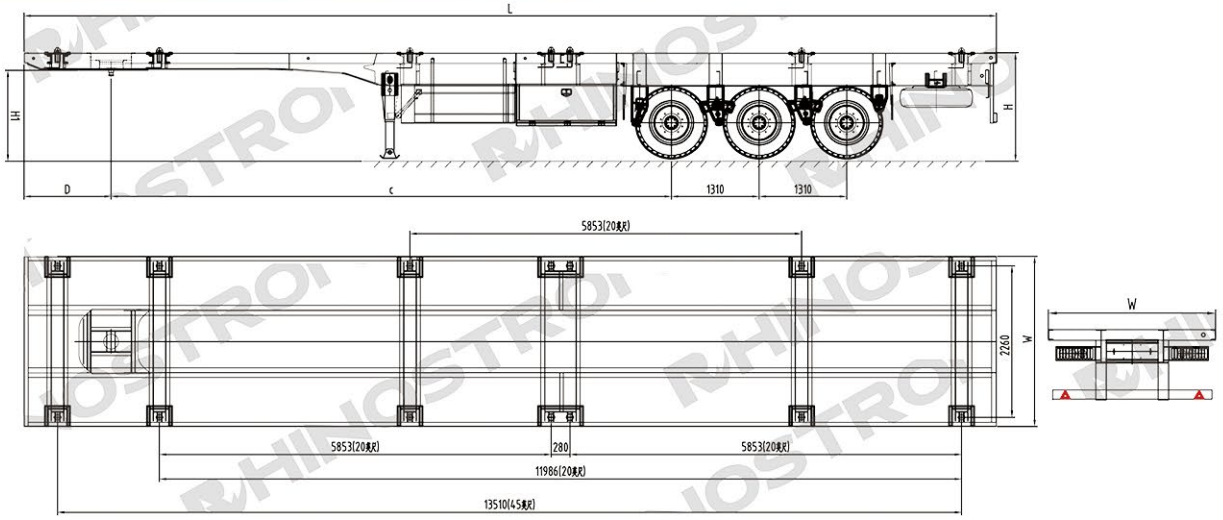
Product Features

Low Bed Trailer is commonly used to transport bulldozers, excavators, transformer, generator, construction machines and heavy vehicles such as tractors, buses, rail vehicles, etc. The capacity of low bed series can range from 20T to 150T with 2 axles to 10 axles per customer requirement. Self steering axles and auto hydraulic ramp can be equipped as options for performance enhancing.



FLAT BED TRAILER

Drawing & Specification



Model Type	Dimension	Load Capacity	Suspension	Axle	Tire Size	Twist Locks
20ft Flabed Trailer	7000*2500*1550mm	40T	Leaf Spring 90*13mm 10pcs	13T*2	12R22.5*8	4
40ft Flatbed Trailer	12500*2500*1550mm	60T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	12
40ft Flatbed Trailer	12500*2500*1550mm	80T	Leaf Spring 120*16mm 10pcs	16T*4	12.00R20*16	12
45ft Flatbed Trailer	13950*2500*1550mm	60T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	12
53ft Flatbed Trailer	16500*2500*1550mm	60T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	12
13.6m Flatbed Trailer	13600*2500*1550mm	50T	Air Suspension with Lifting	13T*3	385/65R22.5*6	12
Extendable Flatbed Trailer	12500 - 25000*2500*1550mm	80T / 30T (extended)	Leaf Spring 90*16mm 10pcs	16T*3	12R22.5*12	12

Option: Front board & removable stanchions (per customer request).













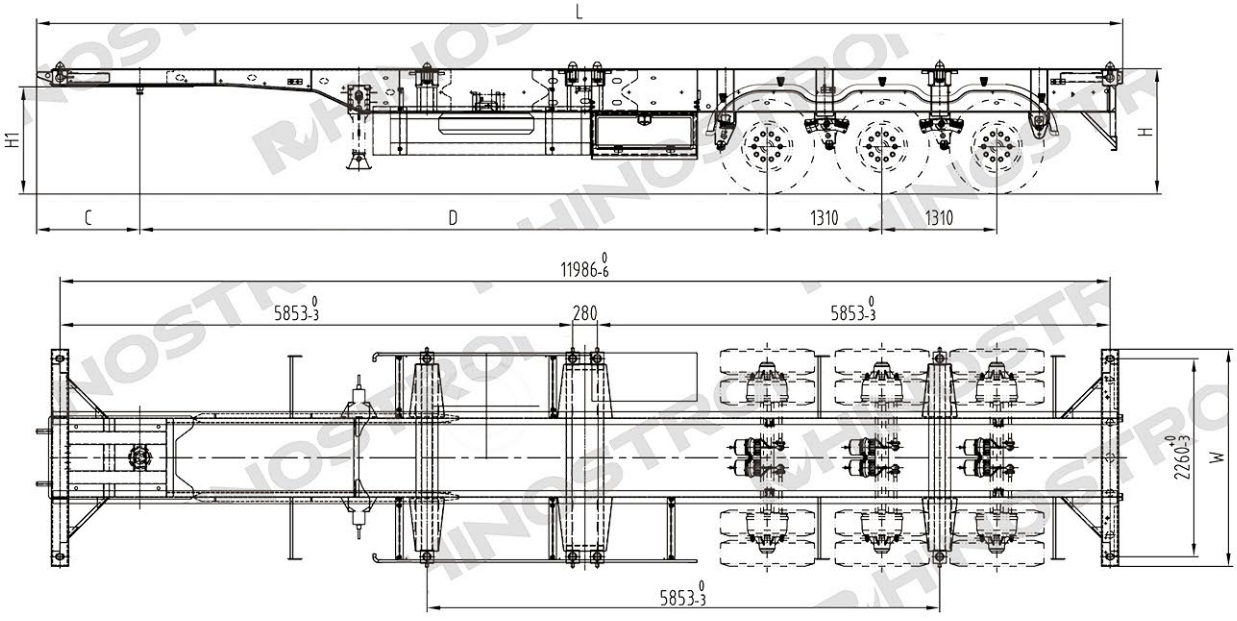
Product Features

Flat bed & container chassis are mainly used in port routes, transfer stations and multi-modal logistics systems. Mainly used for 20ft container, 40ft container, 45ft container, 48ft container and 53ft container. Expandable to transport containers such as rebar, metal and bulk cargo coils, produce and other goods secured on pallets and bags with rope ratchets.



SKELETON TRAILER

Drawing & Specification

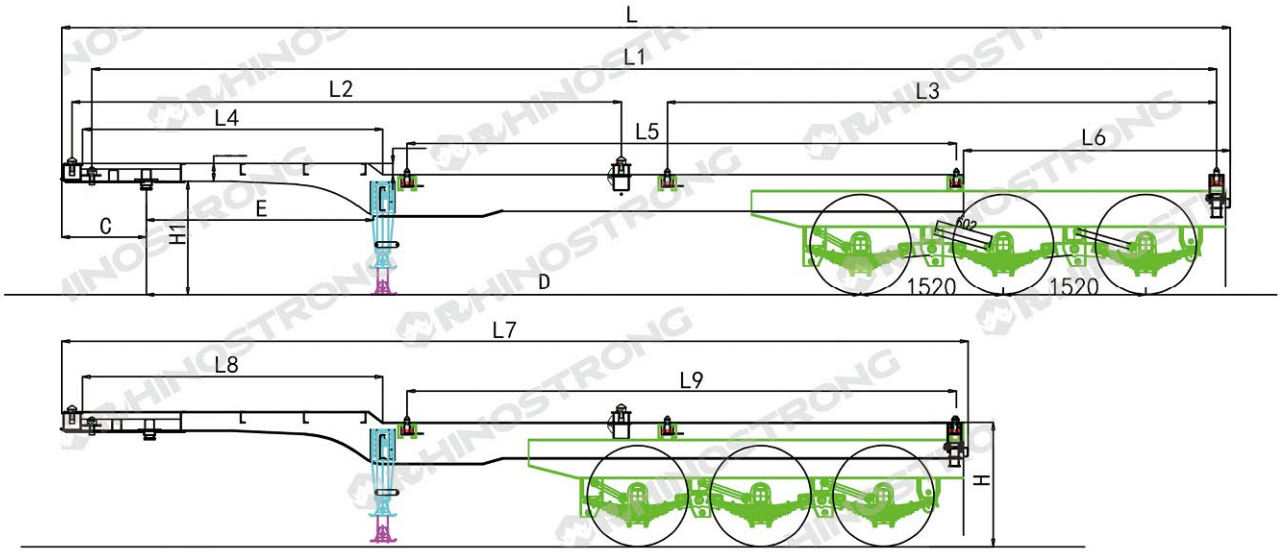


Model Type	Dimension	Load Capacity	Suspension	Axle	Tire Size	Twist Locks
20ft SkeletonTrailer	7000*2500*1550mm	40T	Leaf Spring 90*13mm 10pcs	13T*2	12R22.5*8	4
40ft SkeletonTrailer	12500*2500*1550mm	60T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	12
Extendable SkeletonTrailer	12500 - 25000*2500*1550mm	60T / 30T (extended)	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	12







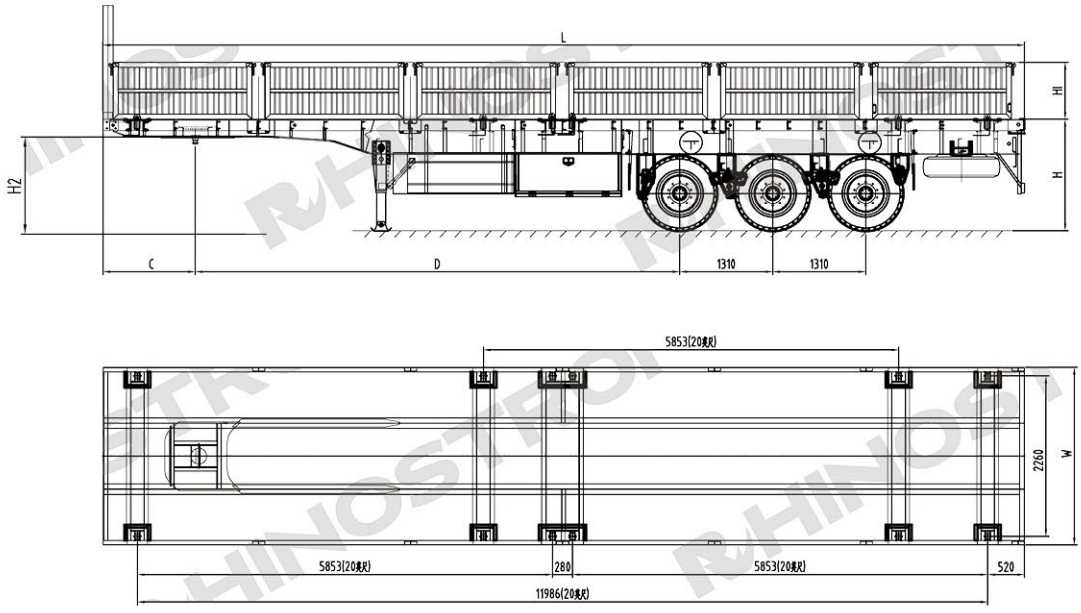



Product Features

■ Flat bed & container chassis are mainly used in port routes, transfer stations and multi-modal logistics systems. Mainly used for 20ft container, 40ft container, 45ft container, 48ft container and 53ft container. Expandable to transport containers such as rebar, metal and bulk cargo coils, produce and other goods secured on pallets and bags with rope ratchets.



Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Side Wall Height
Drop Side Trailer	12500*2500*2800mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	600 - 1200mm
Drop Side Trailer	13000*2500*2800mm	60T	Leaf Spring 90*16mm 10pcs	13T*3	12R22.5*12	600 - 1200mm
Drop Side Trailer	13000*2500*2800mm	80T	Leaf Spring 90*16mm 10pcs	16T*3	12.00R20*12	600 - 1200mm

Option: Twist locks (for container transport).











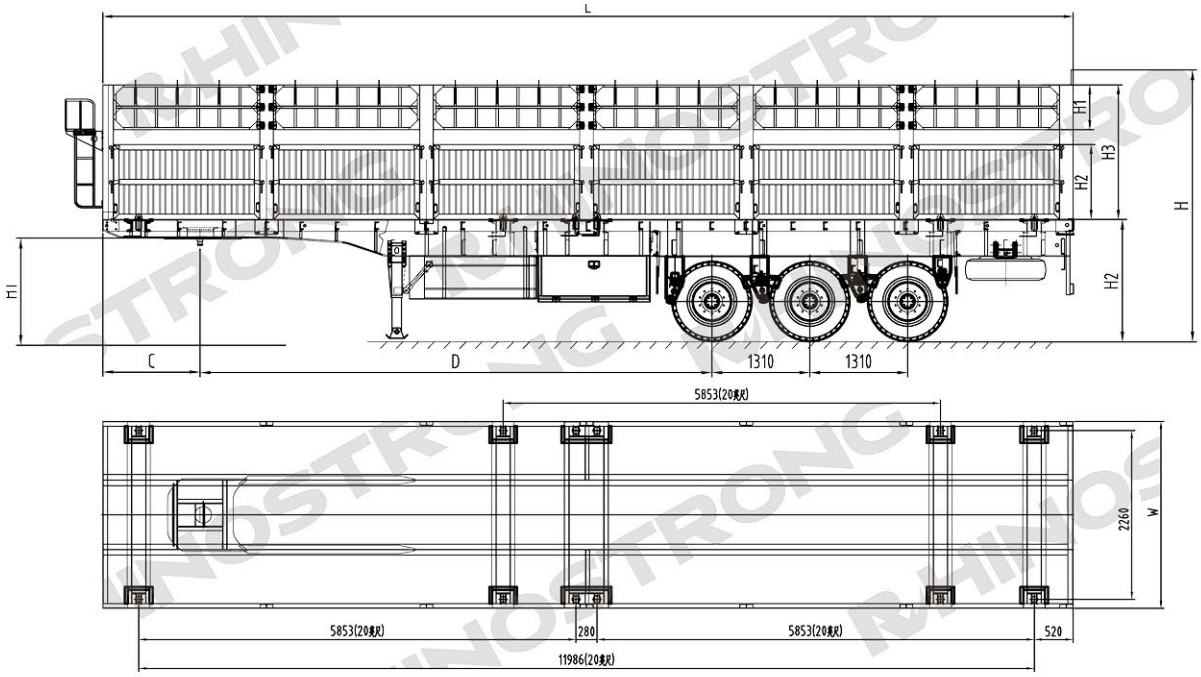
Product Features

Drop side trailer is designed for dry and general cargo transport, with removable side panels and front fenders to protect the loaded cargo. It is widely used for hauling common bulk loaders, goods transported on pallets and other items.



FENCE TRAILER

Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Side Wall Height
Fence Trailer	13000*2500*3600mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	1500mm - 3000mm
Fence Trailer	13000*2500*3600mm	80T	Leaf Spring 90*16mm 10pcs	16T*3	12.00R20*12	1500mm - 3000mm











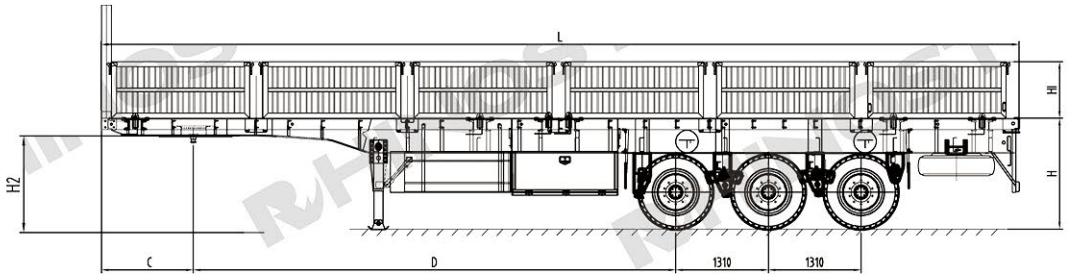
Product Features

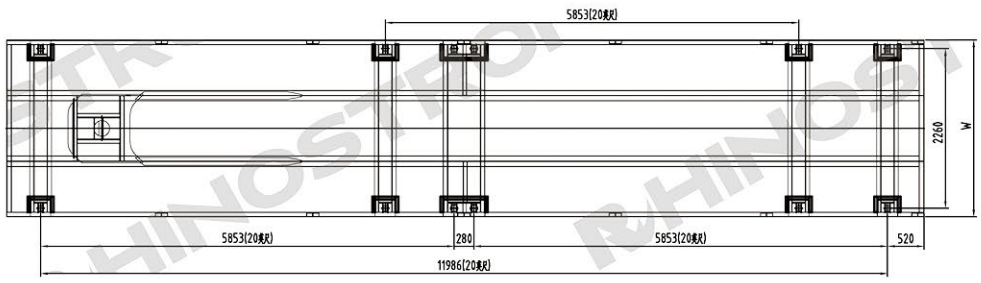
Fence trailer is designed for dry loads and containers with detachable side walls and a bulkhead in front to protect the loads inside. It is widely used to haul normal bulk cargo loader, livestock and other items which are transported with pallet. Waterproof cover and slider roof can be equipped as option for valuable goods protection.



SIDE TIPPER TRAILER

Drawing & Specification





Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Side Wall Height
Side Tipper Trailer	13000*2500*3600mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	600 - 2000mm
Side Tipper Trailer	13000*2500*3600mm	80T	Leaf Spring 90*16mm 10pcs	16T*3	12.00R20*12	600 - 2000mm
Heavy Duty Side Tipper Trailer	11000*3300*3600mm	100T	Leaf Spring 120*16mm 10pcs	20T*4	12.00R20*16	1800 - 2500mm















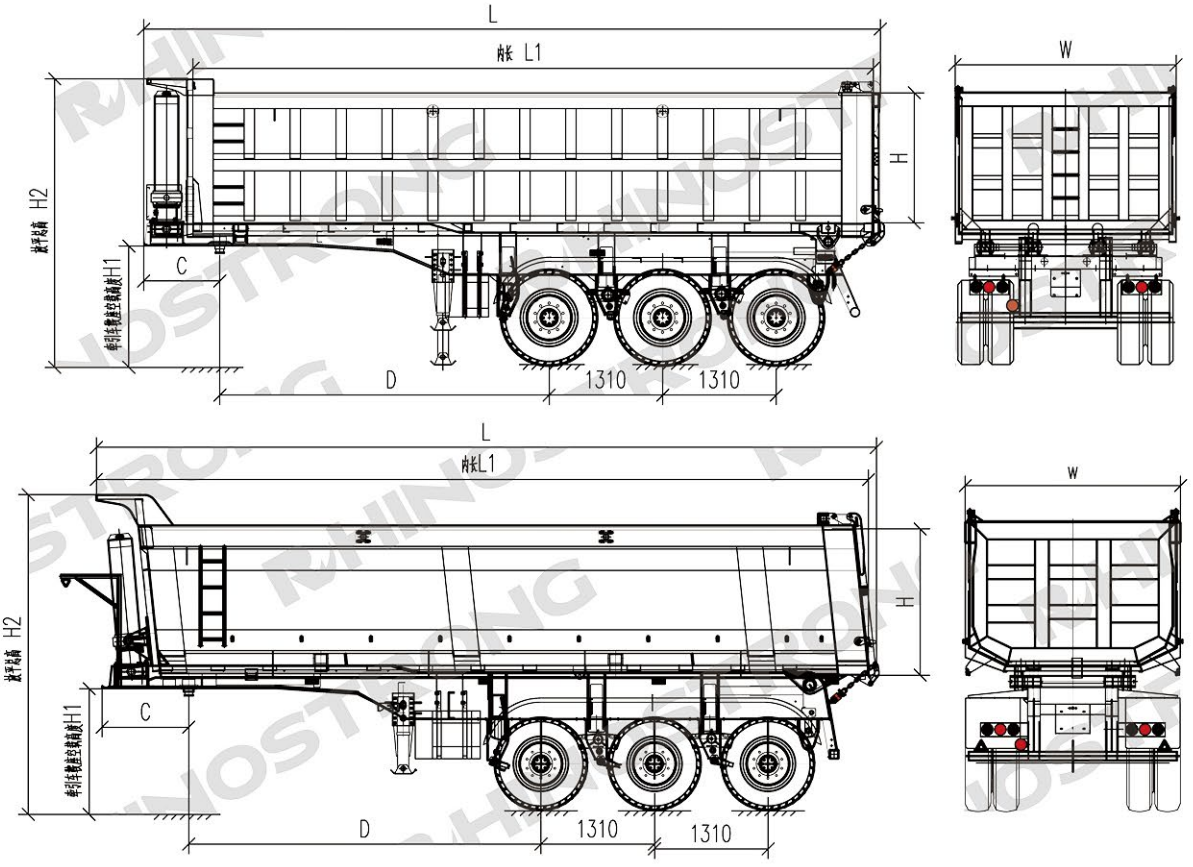


Product Features

Side Tipper Trailer is suitable for the transport of loose material such as coal, mud, sand, gravel, iron, building materials and other scattering bulk goods. Rhinostrong can provide you different tipper designs and transporting solution per your loads and work condition.



Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Box Height
Tipper Trailer	9800*2500*3400mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	1600mm
Tipper Trailer	11000*2500*3400mm	60T	Leaf Spring 90*16mm 10pcs	13T*4	315/80R22.5*16	1600mm
Tipper Trailer	9800*2500*3600mm	80T	Leaf Spring 120*16mm 10pcs	16T*4	12.00R20*16	2000mm
Tipper Trailer	11000*2850*3900mm	100T	Leaf Spring 120*16mm 10pcs	20T*3	12.00R20*16	2000mm
Lightweight Tipper Trailer	8000*2500*3600mm	30T	Air Suspension	10T*3	385/65R22.5*6	1600mm

Cargo box option: Grid-type / U-shaped design.











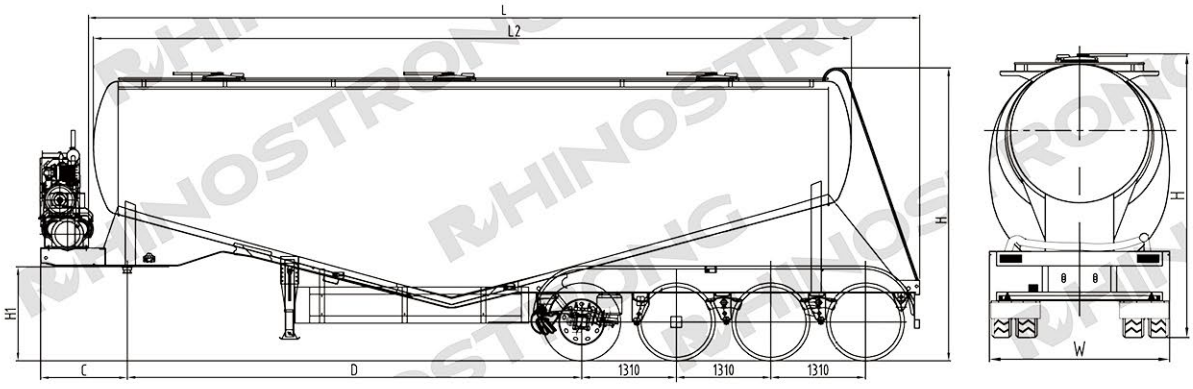


Product Features

End Tipper Trailer is ideal for the transportation of bulk materials including ore, sand, gravel, coal, construction waste and other loose goods. It features high unloading efficiency and stable operation. Rhinostrong offers customized end tipper structures and transport solutions to meet different load and site requirements.



Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Tank Thickness
Cement Tank Trailer	9250*2500*3800mm	25CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
Cement Tank Trailer	9250*2500*4000mm	35CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
Cement Tank Trailer	10850*2500*4000mm	45CBM	Leaf Spring 90*16mm 10pcs	13T*3	12R22.5*12	4-5mm

Option: Twist locks (for container transport).











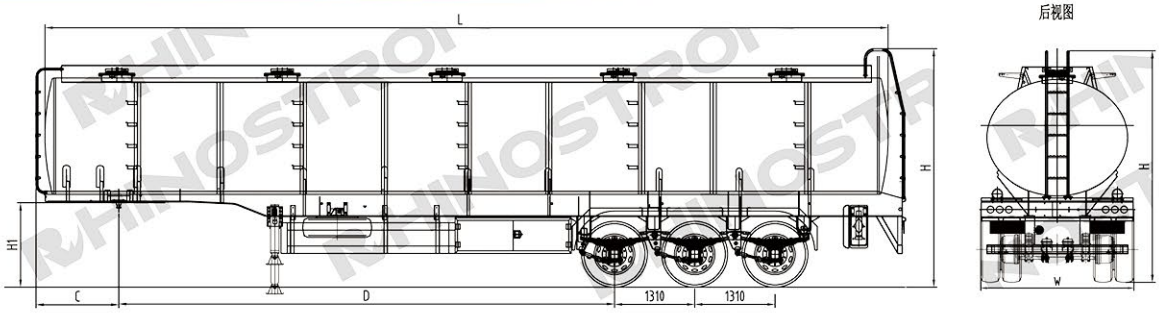
Product Features

Cement tankers are used for transporting cement, fly ash, sand, barite, flour and other dry powder materials. “W” and “V” shape are available for your choice. The design features fast unloading and low residue which can reduce operation cost.



OIL TANK TRAILER

Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Tank Thickness
Oil Tank Trailer	10050*2500*3850mm	30CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
Oil Tank Trailer	12000*2500*3700mm	40CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
Oil Tank Trailer	15500*2500*3850mm	60CBM	Leaf Spring 90*16mm 10pcs	13T*3	12R22.5*12	4-5mm

Options: 3 – 6 compartments; Insulation layer.





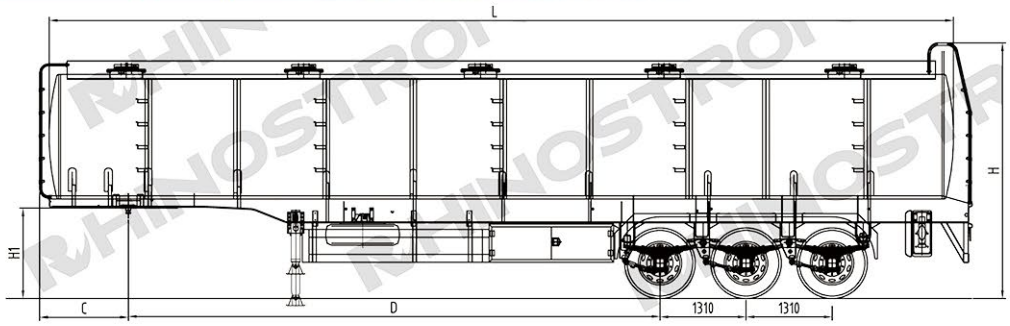
Product Features

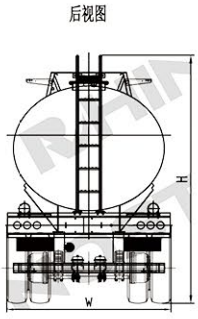
Oil tankers are used for transporting liquids such as fuel, water, chemicals, acids and alcohol etc. The tank material can be fiberglass, carbon steel, stainless steel, aluminum per customer requirement.



STAINLESS STEEL TANK TRAILER

Drawing & Specification





Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Tank Thickness
Stainless Steel Oil Tank Trailer	10050*2500*3850mm	30CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
	12000*2500*3700mm	40CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
	15500*2500*3850mm	60CBM	Leaf Spring 90*16mm 10pcs	13T*3	12R22.5*12	4-5mm

Options: 3 – 6 compartments; Insulation layer; Tank Material: 304/316L Stainless Steel.





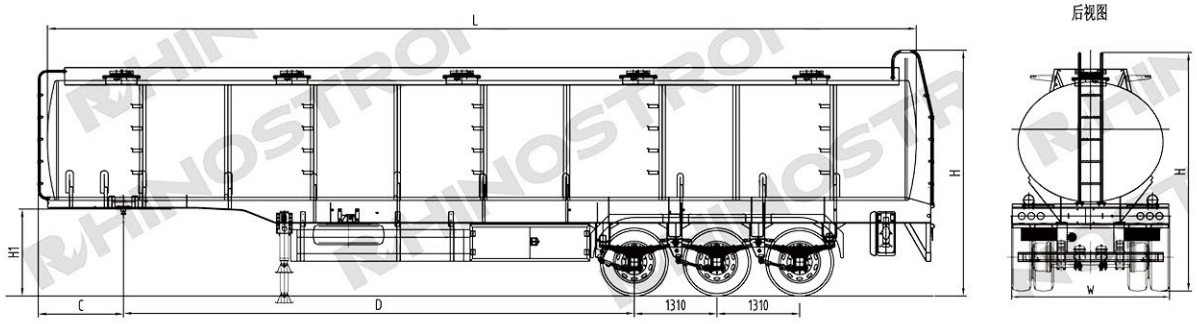
Product Features

Our Special Vehicle includes crawler dump trailer and pushing dump trailer. They are usually used to transport rice, wheat, soybeans, corn, sesame, and other bulk materials. These design enables easy unloading without any risk of tipping, making operation safer and more stable.



ALUMINIUM TANK TRAILER

Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size	Tank Thickness
Aluminum Oil Tank Trailer	10050*2500*3850mm	30CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
Aluminum Oil Tank Trailer	12000*2500*3700mm	40CBM	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12	4-5mm
Aluminum Oil Tank Trailer	15500*2500*3850mm	60CBM	Leaf Spring 90*16mm 10pcs	13T*3	12R22.5*12	4-5mm

Options: 3 – 6 compartments; Insulation layer.

Product Features

■ Material and Weight: The aluminum alloy tank body is lightweight (over 5 tons lighter than carbon steel) and high-strength, making it ideal for long-distance transportation.

■ Load Capacity: Low self-weight and high load capacity.

■ Corrosion Resistance: The tank interior does not rust or oxidize, preventing oil contamination and reducing maintenance frequency.

SELF-UNLOADING TRAILER





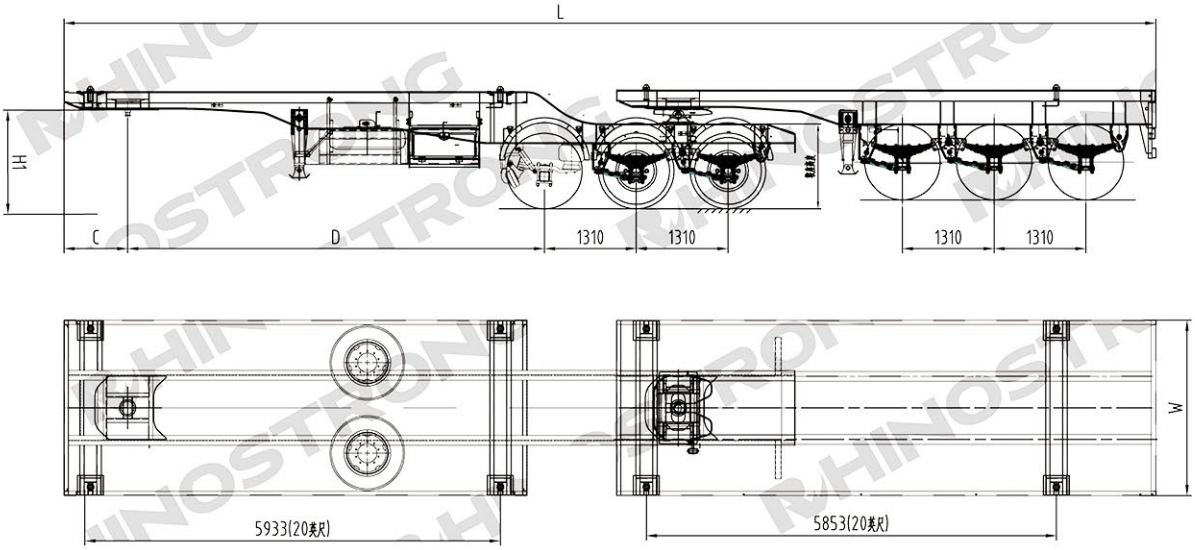






SUPERLINK TRAILER

Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size
Superlink Flatbed Trailer	19025*2500*1490mm	60T	Leaf Spring 90*13mm 10pcs	13T*4	12R22.5*16
Superlink Drop Side Trailer	19025*2500*2690mm	60T	Leaf Spring 90*13mm 10pcs	13T*4	12R22.5*16
Superlink Side Tipper Trailer	19025*2500*2710mm	60T	Leaf Spring 90*13mm 10pcs	13T*4	12R22.5*16







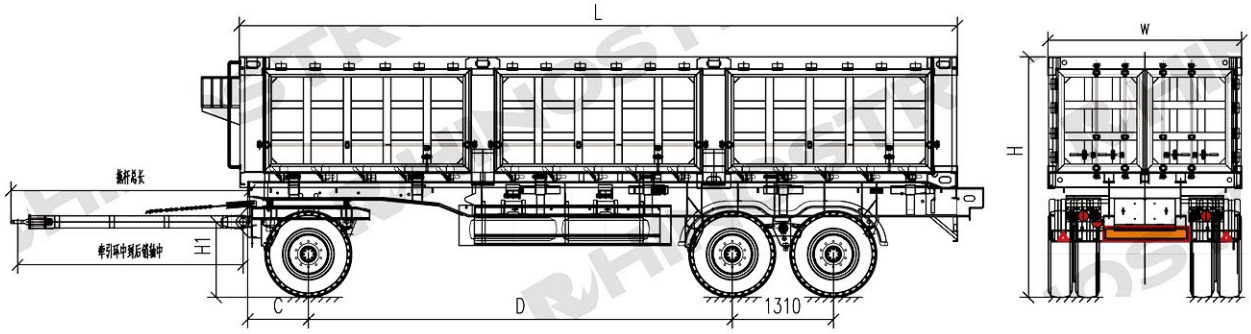


Product Features

Superlink semi-trailers usually consist of two trailers (front and rear) connected by a kingpin or dolly mechanism to enhance load capacity. Common super link configurations include flatbed, side tipper, and curtain-side trailers.



Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size
Full Trailer	10203*2500*3200mm	30T	Leaf Spring 90*13mm 10pcs	13T*4	12R22.5*16















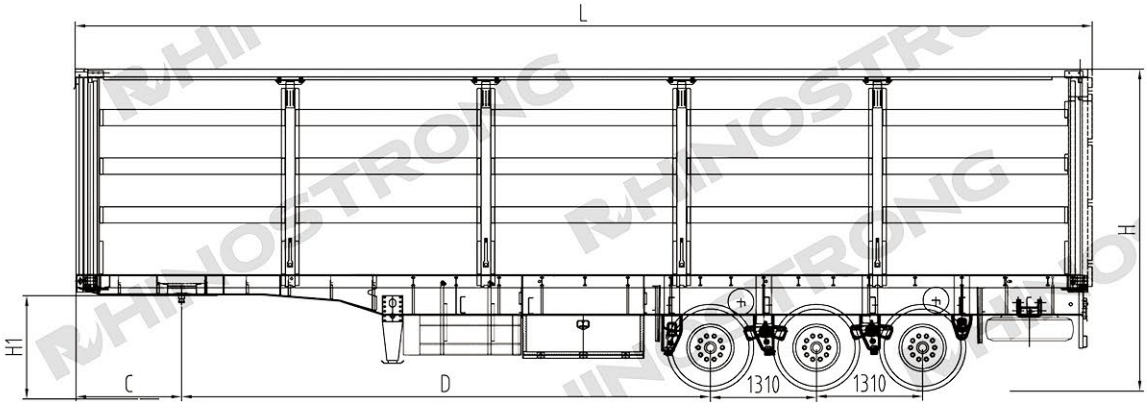
Product Features

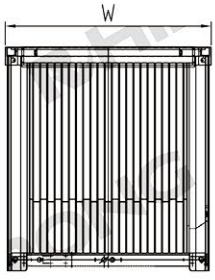
The trailer supports its own load entirely and is only connected to the tractor via a drawbar, with the tractor providing only power to overcome road friction without bearing any load; full trailers are mainly used for internal transportation in docks, factories, ports and similar sites.

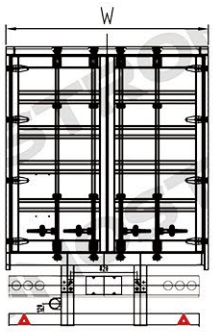


SIDE CURTAIN TRAILER

Drawing & Specification







Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size
Side Curtain Trailer	14000*2500*4000mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12

Cargo box option: Grid-type / U-shaped design.









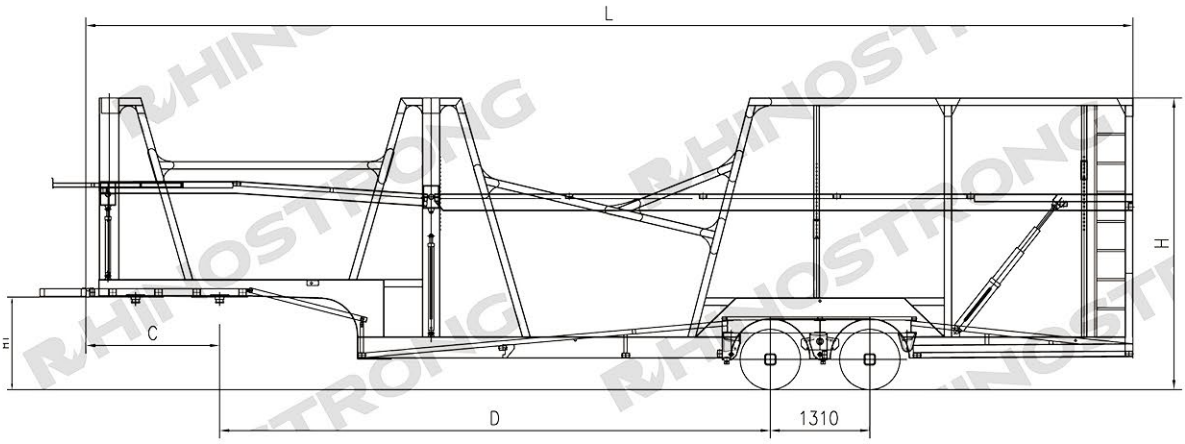


Product Features

Side Curtain Trailer features a flexible and retractable curtain side structure for easy side loading and unloading. It is widely used for transporting palletized goods, general cargo and industrial materials. With high efficiency and strong versatility, it is ideal for road logistics and distribution.



Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size
4 Seats Car Carrier	12000*2500*3900mm	15T	Leaf Spring 90*13mm 10pcs	13T*2	12R22.5*8
6 Seats Car Carrier	13750*2500*3900mm	15T	Leaf Spring 90*13mm 10pcs	13T*2	12R22.5*8
8 Seats Car Carrier	17150*2500*3900mm	20T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12
10 Seats Car Carrier	22000*2500*3900mm	20T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12











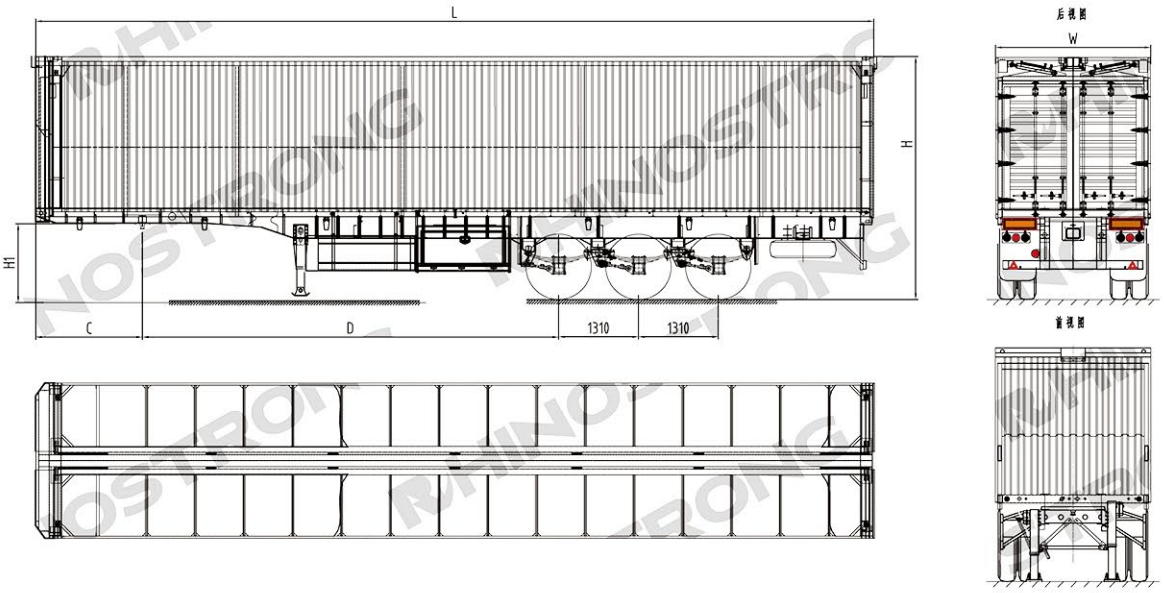
Product Features

Car carrier trailers are specially designed for transporting passenger vehicles, SUVs, and light commercial vehicles. It is designed with a double-deck structure and adjustable height using a chain hoist and oil cylinder, offering safe and efficient long-distance delivery.



WING TRAILER

Drawing & Specification



Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size
Wing Trailer	12500*2500*4000mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12

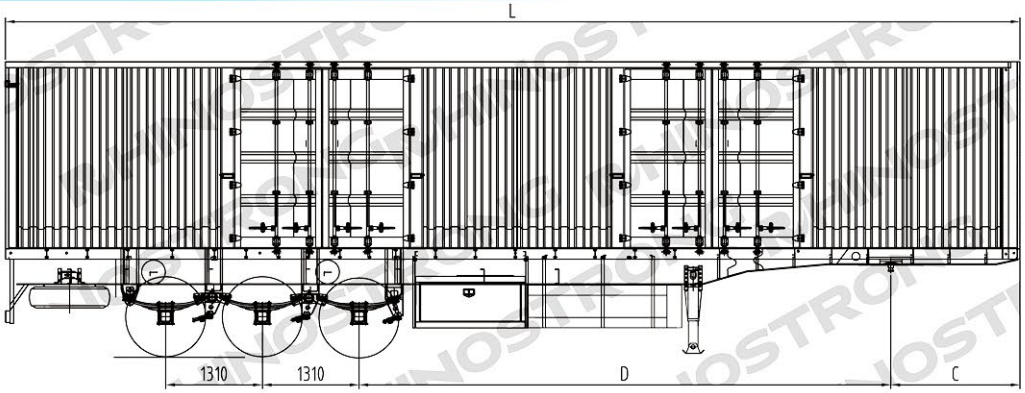
Product Features

The Wings trailer is mainly used for the transportation of standard pallets or general goods. The container wall can be opened like wings which is convenient for loading and unloading. It has the advantages of safe transportation, fast and easy loading and unloading.



VAN TRAILER

Drawing & Specification







Model Type	Dimension (Customizable)	Load Capacity	Suspension	Axle	Tire Size
Van Trailer	12500*2500*4000mm	40T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12

Product Features

Van trailers is a fully enclosed trailer which is widely used for valuable goods such as electronic product, wine, tobacco and items which need to be well protected. Curtain Side Type, Open Top Van Type, Wing Van Type, Reefer Type can be chosen per customer operational requirement.

CONTAINER SIDE LOADER







Model Type	Dimension (Customizable)	Lifting Capacity	Suspension	Axle	Tire Size
Side-mounted Crane	14100*2500*4000mm	37T	Leaf Spring 90*13mm 10pcs	13T*3	12R22.5*12

Product Features

Container Side Loader is a specialized trailer designed for lifting, transporting and unloading 20ft & 40ft containers. It can load and unload containers from the side without a crane, enabling efficient operation in limited spaces. It is widely used in ports, logistics yards and container transportation.

SANITATION TRUCK











Product Features

Sanitation Truck is specially designed for urban cleaning, waste collection and transportation. It features a sealed structure, reliable operation and environmental protection performance. It is widely used in streets, residential areas, public places and urban environmental management.

BRAND NEW TRUCK











USED TRUCK











CONSTRUCTION MACHINERY











TRAILER SPARE PARTS SERIES



Amrican Type Suspension



German Type Suspension



Front Hanger



Middle Hanger



Rear Hanger



Equalizer



Tie Rod Bushing



Equalizer Composite Bushing



Copper Bushing



Leaf Spring



Torque Rod



Tie Plate



Axle Seat



Lower Bracket



Axle Seat



U Bolts



70 Pin



28 Pin



Air Suspension



Trailing Arm



Lifting Air Bag



Air Bag



Amrican Type Axle Assembly



German Type Axle Assembly



Axle Beam



Wheel Hub



Brake Drum



Hub Cap



Valx Bearing



Camshaft



Dust Cover



Adjusting Arm



Brake Pad



Brake Shoe



Aluminium Wheel Rim



Steel Wheel Rim



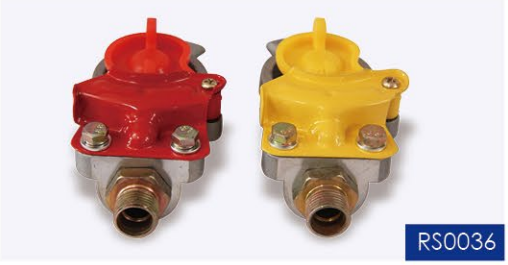
Tire


RS0035

7-Pin Socket


RS0036

Electrical Circuit


RS0036

Electrical Circuit


RS0037

Red-Yellow Hose


RS0038

Hydraulic Connector


RS0039

King Pin


RS0040

Rope tightener


RS0041

Inboard Landign Gear


RS0041

Outboard Landing Gear


RS0042

Plastic Tool Box


RS0042

Steel Tool Box


RS0043

Chain Spare Tire Carrier


RS0043

Steel Rope Spare Tire Carrier


RS0044

Double Air Chamber


RS0044

Single Air Chamber


RS0045

Aluminium Air Tank


RS0045

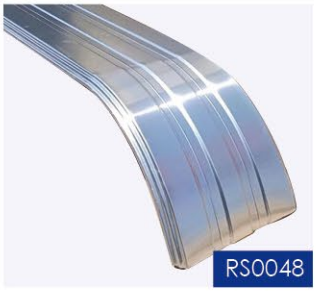
Steel Air Tank


RS0046

Air Pipe


RS0047

Brake Valve


RS0048

Steel Mudguard


RS0048

Plastic Mudguard


RS0049

Hinge


RS0050

Door Handle


RS0051

Hydraulic Cylinder


RS0051

Oil Tank


RS0051

Valve


RS0051

Power Take Off


RS0052

Twist Lock


RS0053

Position Lamp


RS0053

Side Lamp


RS0053

Tail lamp


RS0054

Fifth Wheel


RS0055

Coupler


RS0056

Main Beam


RS0057

Whole vehicle wiring

CERTIFICATION









PACKING& DELIVERY

Side Tipper Trailer——






Low Bed Trailer——







Skeleton Trailer——




Rear Tipper Trailer——







Flat Bed Trailer——





Drop Side Trailer——






Oil Tank Trailer——











VR QR code

Website QR code

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