



SAILING VEHICLE

天津塞羚汽车有限公司 TIANJIN SAILING VEHICLE CO., LTD.

No.6975, Asia Road, Dongjiang Bonded Port Area, Tianjin City, China.

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3-Axle 10-unit Car Carrier Semi-Trailer Specifications

Tank trailer specification		
1	Description	10-unit Capacity Auto Transport Semi-trailer.
2	Function	Designed for transporting passenger cars, SUVs, light commercial vehicles and new energy vehicles. Upper and lower dual-deck configuration for maximum vehicle capacity.
3	Overall dimensions	17000x2500x4200 mm (L x W x H) (Approx., based on final design drawings. Front extension: 500mm; Rear extension: 1500mm. Height complies with road transport regulations.)
4	Curb weight	In accordance with design drawings, with lightweight optimized structural design.
5	Material	High-strength carbon steel Q355B, upper flange 14mm,middle 8mm,down 16mm.
6	Vehicle capacity	8 standard passenger car (Actual capacity subject to individual vehicle dimensions.)
7	Loading capacity	40-60 tons.
8	Fifth-wheel height	1350mm (Generally within 1250-1450mm; precise dimensions required based on customer's truck head.)
9	Ground clearance	200mm
10	Height of loading surface	435mm
Frame Structure		
11	Main longitudinal beam	I-shape high-strength steel, variable cross-section. Automatic submerged arc welding, welded on left and right sides. Integrated gooseneck design.
12	Upper deck	2 hydraulic lift decks, adjustable height to accommodate different vehicle heights. Load capacity per deck: approx., 15 tons.
13	Lower deck	Fixed or tiltable lower deck with tire recesses. Anti-slip checkered steel plate, thickness 3mm/4mm/6mm (optional).
14	Loading ramp	Aircraft-style integrated ramp.
15	Control system	Electro-Hydraulic Power + Side Control Levers.
16	Safety Features	Tire Recesses +Wheel Chocks +Tire Stoppers.
Running Gear		
17	Axle	13T Brand TSV with ABS and automatic slack adjusters & 3 units. (BPW/Fuwa/L1 brands optional)
18	Suspension	Mechanical suspension,leaf springs,13mm*90mm,10pcs (16mm*90mm, 10pcs, heavy-duty design optional)



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19	Tire	825R20 & 6 units (Tubeless type). (Triangle/Doublecoin/Linglong/Chaoyang brands optional)
20	Rim	6. 50-20 & 6 units, high-strength iron.
21	King pin	50#(2") or 90# (3.5") , standard bolt type & JOST brand
22	Braking system	2-Line compressed air brake system on all wheels with additional parking brake.
23	Landing gear	Capacity 28T, JOST brand, Model A300C (Fuwa brand optional)
24	Spare wheel carrier	1 unit.
25	Hubs	Cast steel 10 studs.
Electrical & Lighting		
26	Electric system	24V, 7-pin socket, national standard.
27	Lights	LED lights with protection. Side/rear/stop/indicator/parking/fog/reverse/clearance lights, etc.
28	Reverse buzzer	1 unit.
Painting		
29	Paintings	KTL Electrophoresis painting + powder spraying.
		One coat of anti-corrosive paint.
		Two coats of finish paint.
		As per customer's requirements.
30	Delivery	Spray wax before departure and cover with tarpaulin for protection.