



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.

Tel: +86 17303276268

Web: www.sailingvehicle.com

3-Axle 8-Car Car Carrier Semi-Trailer Specifications

| Tank trailer specification | | |
|----------------------------|---------------------------|--|
| 1 | Description | 3-Axle 8-Car Car Carrier 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) |



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.

Tel: +86 17303276268

Web: www.sailingvehicle.com

| | | |
|----------------------------------|---------------------|--|
| 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. |