



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               | 8-unit Car Delivery 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).<br>(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.   |
| <b>Electrical &amp; Lighting</b> |                     |  |
| 26                               | Electric system     | 24V, 7-pin socket, national standard.  |
| 27                               | Lights              | LED lights with protection.<br>Side/rear/stop/indicator/parking/fog/reverse/clearance lights, etc. |
| 28                               | Reverse buzzer      | 1 unit.  |
| <b>Painting</b>                  |                     |  |
| 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.                                |