



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

## 45CBM Insulated Tank Semi-trailer Specification

Tank trailer specification			
1	Cargo	Cooking oil and other edible oils	
2	Overall dimensions	12780*2500*3650mm (L*W*H) (Approx., based on final design drawings.)	
3	Curb weight	11500kg (Approx., based on final design drawings.)	
4	Fifth-wheel height	1350mm (Generally within 1250 - 1450 mm; precise dimensions required based on customer' s truck head.)	
5	Axle	13T Brand TSV with ABS and automatic slack adjusters & 3 units. (BPW/Fuwa/L1 brands optional)	
6	Tire	12R22.5 & 12 units (Tubeless type). (Triangle/Doublecoin/Linglong/Chaoyang brands optional)	
7	Rim	9.00 & 12 units, high-strength iron.	
8	King pin	50#(2") or 90# (3.5") , standard bolt type & JOST brand	
9	Landing gear	Capacity 28T, JOST brand, Model A300C (Fuwa brand optional)	
10	Suspension	Mechanical suspension,leaf springs,13mm*90mm,10pcs (16mm×90mm, 10pcs, heavy-duty design optional)	
Tank body specification			
11	Tank shape	Square-round (Double D) and gooseneck design.	
12	Tank capacity	45,000 liters (valid volume) + 5%(ullage) .	
13	Tank material	Q235B	
14	Tank Design thickness	End cover	5.5mm
		Tank body	5mm
		Baffle	5mm
15	Insulation material	Rock wool,with multilayer insulation felt.	
16	Insulation material thickness	80 mm (30mm,80mm,100mm or other thickness options are available).	
17	Insulation cover plate	Color coated plate,Color White.	
18	Insulation cover plate thickness	0.5mm,National standard.	
19	Heating system	Oven,Steam or burner.	

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Main parts specification			
20	Beam	Heavy-duty and extra durable T-type beam, high tensile Q355B steel with automatic submerged arc welding.	
21	Compartment	Single compartment.	
22	Burner	Diesel fire engine,the Italian Brand RIELLO & 1 unit.	
23	Diesel engine	1 unit.	
24	Pump	With diesel engine,special for bitumen & 1 unit.	
25	Manhole cover	Carbon steel,quick-open type & 2 units.	
26	Bottom valve	4" stainless steel & 1 unit.	
27	Discharging pipe	Carbon steel with insulation.	
28	Discharging valve	4" Iron ball valve & 2 units,on both the left and right sides at the rear end of the tank discharging with gravity. 4" Iron ball valve & 1 unit,on both the left side at the middle of the tank discharging with pump. 6" butterfly valve & 1 unit,at the rear of the tank discharging with gravity.	
29	Discharging hose box	6 meters & 2 units.	
30	Discharging hose	High thermal resistance, black, thickening type, 5.7M & & 2 units.	
31	Handrail	2 units on the top.	
32	Walkway platform	Top with anti-slip punched design.	
33	Ladder	1 unit, mounted on rear or front.	
34	Breather valve	Stainless steel & 2 units.	
35	Spare wheel carrier	2 units.	
36	Mud guard plate	Integrated design plate.carbon steel.	
37	Relay valve	Brand WABCO.	
38	Temperature Gauge	1 unit.	
39	Reverse buzzer	1 unit.	
40	Electric system	24V, 7-pin socket, national standard.	
41	Lights	LED lights with protection. Side/rear/stop/indicator/parking/fog/reverse/clearance lights etc.	
42	Painting	Primer layer	One coat of anti-corrosive paint on the tank shell.
		Color	As customer's requirements.
		Sticker	Make as customer' s LOGO and provide enough as backup.
43	Delivery	Spray wax before departure and cover with tarpaulin for protection.	

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## Other equipment

- 1.Single tool box, largest as possible as we can.
- 2.Three units of valve box, largest as possible as we can.
- 3.Two sets of 8KG fire extinguisher and boxes.
- 4.One set of anti-static grounding strap.
- 5.All other necessary accessories.

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*Thanks for checking !*

