

BULK PRODUCT TRANSPORT TRAILERS CAPACITY GUIDE

The trailer's capacity is controlled by the max gross vehicle weight of 80,000 lbs for trucks in most of the states across the United States. Small tanker trucks have a maximum capacity of 1,000 to 3,000 gallons, while large tankers have a maximum capacity of 11,600 gallons. However, the maximum capacity of a tanker truck depends on the density of the liquid being transported. Larger tankers average 5,500 to 11,600 US gallons for lighter weight products vs smaller tankers which average 3,000 to 5,400 gallons for heavier products.

Fuel Tanker Trailer Capacity

AVG. Maximum Hauling Capacity of the Fuel Tank Trailer



- **Avg. Capacity :** 9000 to 9500 US gallons
- **Compartment Capacity:** 1000 to 3100 US gallons per compartment
- **Compartments:** Commonly 1, 4 & 5 compartments. Can be customized, allowing configurations anywhere from 1 to 5 compartments.
- **DOT Compliance:** DOT 406 compliant tanker trailer
- **Construction material:** Aluminum composition for durability & light weight design

Storage Pig Trailer Capacity

Guppy Trailers/ Horizontal Silos/Cement Pigs

AVG. Maximum Hauling Capacity of the Storage Pig Trailer



- **Avg. Capacity :** 4000 to 4100 cubic feet
- **Hopper:** 6 hopper design
- **Product Storage Capacity:** upto 500,000lbs
- **Cockscrew Legs :** 4 pairs can store upto 400,000lbs whereas 5 pairs can store upto 500,000lbs while stabilizing the trailer
- **Construction material:** Carbon steel construction for better durability and safety

Chemical/Acid Trailer Capacity

AVG. Maximum Hauling Capacity of the Chemical Tank Trailer



- **Avg. Capacity :** 3800 to 8000 US gallons
- **Compartment Design:** Single compartment
- **DOT Compliance:** DOT 407 / DOT 412 compliant tank trailer
- **Construction Material:** Made of stainless steel with FRP lining for corrosion resistance.

Pneumatic Tanker Trailer Capacity

AVG. Maximum Hauling Capacity of the Pneumatic Tank Trailer



- **Avg. Capacity :** 500 to 1650 cubic feet
- **Hoppers:** 2,3 and 4 hopper design
- **Pneumatic Features:** Vacuum capable for clean product service like plastic pellets
- **Construction Material:** Carbon steel or aluminum or stainless steel composition

LPG/Gas Tank Trailer Capacity

AVG. Maximum Hauling Capacity of the Gas Tank Trailer



- **Avg. Capacity :** 10,600 to 11,600 US gallons and can also go up to 19,600 US gallons
- **Compartment Design:** Single compartment design
- **DOT Compliance:** MC 331 compliant tank trailers
- **Construction Material:** Stainless steel composition with external insulation layer and pressure jackets for safe transportation

Crude Oil Tank Trailer Capacity

AVG. Maximum Hauling Capacity of the Crude Oil Tank Trailer



- **Avg. Capacity :** 8300 to 8400 US gallons. 8820 US gallons for Tandems
- **Compartment Design:** 1 or 2 compartment design
- **DOT Compliance:** DOT 407 or 406 compliant tank trailers
- **Construction Material:** Aluminum or stainless steel composition

Sanitary or Food Grade Tank Trailer Capacity

AVG. Maximum Hauling Capacity of the Sanitary Tank Trailer



- **Avg. Capacity :** 6000 to 7000 US Gallons
- **Compartment Design:** Single compartment design with no baffles
- **Cleaning System:** Clean In Place system (CIP)
- **Construction Material:** Stainless steel (SS) composition with 3A sanitary finish

Other Important factors to know

Use of Baffles to Provide Extra Safety from Liquid Surge

Tankers can contain anywhere from 1 to 3 baffles to keep liquid movement to a minimum, sometimes also referred to as surge. The baffles aid in stabilizing the overall ride in the truck and when pulling the trailer.

Weight of the Trailer

Weight is a very important factor for buyers when purchasing a tanker trailer. Aluminum trailers typically are the lightest in the tanker industry and allow for the most capacity in terms of gallonage. Stainless steel trailers are generally second when it comes to the overall weight of tankers followed by carbon steel tankers.



Delivering Quality Trailers Since 1995

Trailers of Texas stands as an authorized dealer for premier brands like Polar Tank, Retesa, Tremcar, and LBT tank trailers. For over 25 years, we've been serving customers throughout North America. Our strong partnerships with these leading manufacturers enable us to provide a vast range of expertly designed trailers to cater to both diverse and specific industries.

Get in Touch With Us



www.trailersoftexas.com



sales@trailersoftx.com



(281) 612-5263