

20,500 Gallon Tank Car



This 20,500 gallon tank car is designed for the transportation of Urea Ammonium Nitrate (non-regulated) and products authorized by DOT Part 173 for which there are no special commodity requirements and non-regulated commodities compatible with this class of car.

It is equipped with a 20-inch 8-bolt manway, a 165 psi pressure relief valve, and a top fittings arrangement consisting of 2- and 3-inch valves, a thermowell, and a vacuum relief valve to accommodate closed system loading and unloading.

The bottom outlet is a 4-inch steam jacketed ball valve. This car is fitted with a 12-line exterior heating coil system and 4" thermal insulation.

Various options for loading/unloading valve configurations and alternate heater coil and insulation systems are available.

DIMENSIONS (Approximate)			
Length, over pulling faces	49' 3 1/2"	Width, extreme	10' 7 1/8"
Length, between truck centers	35' 9"	Tank, outside diameter	9' 3 1/8"
Height, extreme	15' 1"	Tank, length	43' 3 5/8"
Slope, tank	1/4" per ft.	Clearance	AAR Plate B
WEIGHT / CAPACITY (Estimated)		CURVE NEGOTIABILITY RADIUS	
Light weight	71,000 lbs.	Uncoupled	150'
Gross rail load	263,000 lbs.	Coupled to like car	174'
Load limit	192,000 lbs.	Coupled to base car	173'
Nominal capacity	20,555 U.S. gallons		
These general dimensions are representative and subject to change without notice as required by customer specifications or design improvements by Gunderson-GIMSA.			

