

Technical Data Sheet

HighwayGiant

Trailer combination 12 axle

50362406-2

Offer drawing: 50362406

Technical Data

Reference travel speed	60 mph	50 mph	25 mph	6 mph
Payload, approx.	343900 lbs	459100 lbs	498700 lbs	604300 lbs
Dead weight, approx.	136100 lbs	136100 lbs	136100 lbs	136100 lbs
Admissible gross weight, approx.	480000 lbs	595200 lbs	634800 lbs	740400 lbs
Admissible axle load 12 x	40000 lbs	49600 lbs *)	52900 lbs *)	61700 lbs *)

Reference travel speed	96 km/h	80 km/h	40 km/h	10 km/h
Payload, approx.	156100 kg	208300 kg	226300 kg	274300 kg
Dead weight, approx.	61700 kg	61700 kg	61700 kg	61700 kg
Admissible gross weight, approx.	217800 kg	270000 kg	288000 kg	336000 kg
Admissible axle load 12 x	18150 kg	22500 kg *)	24000 kg *)	28000 kg *)

Technical Information

Trailer dimensions, L x W	approx. 33.360 x 4.876 mm	approx. 109'-5,4" x 16'
Platform height, driving position	approx. 1.270 mm (laden)	approx. 4'2,0" (laden)
Compensation stroke	approx. 720 ±360 mm	approx. 2'-4,3" ±1'-2,2"
Platform height, lowered	approx. 910 mm (laden)	approx. 2'-11,8" (laden)
Widening steps	16 ft; 18 ft; 20 ft - by means of hydraulic cylinders	
Number of wheel bogies, total	24 units	
Number of wheel bogies, braked	24 units	
Tires	96 x 245/70 R17,5	
Type of steering / steering angle	hydraulic-mechanically / approx. ± 60°	
Operating temperature	approx. -20°C up to +45°C	approx. -4° F up to +113° F

*) technical axle loads

Please Note:

The payload indicated in the chart "Technical Data" refers to the bogies.

Loading of the platform as per loading diagram.