

Technical Data Sheet

HighwayGiant

Semitrailer combination 8 axle

50362415-2

Offer drawing: 50362415

Technical Data

Reference travel speed	60 mph	50 mph	25 mph	6 mph
Payload, approx.	263250 lbs	340500 lbs	369900 lbs	447100 lbs
Dead weight, approx.	103600 lbs	103600 lbs	103600 lbs	103600 lbs
Admissible gross weight, approx.	366850 lbs	444100 lbs	473500 lbs	550700 lbs
Admissible axle load 8 x	40000 lbs	49600 lbs *)	52900 lbs *)	61700 lbs *)
Fifth-wheel load, approx.	46850 lbs	47300 lbs	50300 lbs	57100 lbs

Reference travel speed	96 km/h	80 km/h	40 km/h	10 km/h
Payload, approx.	119450 kg	154450 kg	167800 kg	202900 kg
Dead weight, approx.	47000 kg	47000 kg	47000 kg	47000 kg
Admissible gross weight, approx.	166450 kg	201450 kg	214800 kg	249900 kg
Admissible axle load 8 x	18150 kg	22500 kg *)	24000 kg *)	28000 kg *)
Fifth-wheel load, approx.	21250 kg	21450 kg	22800 kg	25900 kg

Technical Information

Trailer dimensions, L x W	approx. 22.240 x 4.876 mm	approx. 72'-11,6" 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	16 units	
Number of wheel bogies, braked	16 units	
Tires	64 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.