

# Rosenbauer - South Dakota

DEPARTMENT: HEIMAN STOCK WK236 TANKER

PROJECT: 2214-D

Wheel Base	204
C A	138.4
Cab to Pump Compartment	5.4
Pump Compartment	0
Tank Length Lower	137
Tank Length Upper	167
Body Length	177
Total Tank Capacity	2000
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
12.99%	21.81%	62.25%
Water (& Foam) Upper	Aerial	Hose
20.34%	NA	22.30%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	2,736	355	2,381	
Water (& Foam) Upper	15,828	3,220	12,608	
Body	3,894	849	3,045	
Pump	1,108	690	418	
Aerial	0	0	0	
Chassis	12,940	8,067	4,873	
Miscellaneous Equipment	645	297	348	
<b>SUB TOTAL</b>	<b>37,151</b>	<b>13,479</b>	<b>23,672</b>	
NFPA 1901 Equipment Allowance	1,000	297	703	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	363	137	
Hose Load	1,265	282	983	
Ground Ladders	0	0	0	
	0	0	0	Side-to-Side Tire Load Variation
<b>TOTAL</b>	<b>39,916</b>	<b>14,421</b>	<b>25,496</b>	
		36.13%	63.87%	

NOTE: Weights shown are approximate

Proposed chassis information:	Brand:	FREIGHTLINER	Crew Doors:	2	GVWR
		2 Wheel Drive			
Axle Capacities:	Front:	16,000	Rear:	27,000	43,000
Estimated Chassis Weight: (includes +5% variance)	Front:	8067	Rear:	4873	

NOTE: Chassis weights MUST BE VERIFIED by the DEALER. Dealer will be responsible for confirming the axles are adequate for the proposed apparatus. 1000# extra capacity per axle is recommended.