

## Rosenbauer - South Dakota

DEPARTMENT: Heiman Stock

PROJECT: 2576

Wheel Base	209
C A	143.4
Cab to Pump Compartment	5.4
Pump Compartment	0
Tank Length Lower	213.5
Tank Length Upper	213.5
Body Length	220
Total Tank Capacity	3000
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
14.00%	13.40%	66.03%
Water (& Foam) Upper	Aerial	Hose
14.00%	NA	13.88%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	4,264	597	3,667	
Water (& Foam) Upper	23,582	3,300	20,281	
Body	4,840	648	4,192	
Pump	44	29	15	
Aerial	0	0	0	
Chassis	15,242	7,958	7,284	
Miscellaneous Equipment	875	416	459	
<b>SUB TOTAL</b>	<b>48,847</b>	<b>12,949</b>	<b>35,898</b>	
NFPA 1901 Equipment Allowance	1,000	445	555	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	366	134	
Hose Load	1,265	176	1,089	
Ground Ladders	0	0	0	
	0	0	0	Side-to-Side Tire Load Variation
<b>TOTAL</b>	<b>51,612</b>	<b>13,935</b>	<b>37,676</b>	<b>0.0%</b>
		<b>27%</b>	<b>73%</b>	

NOTE: Weights shown are approximate

Proposed chassis information:		Brand:	FL	Crew Doors:	2	GVWR
			no			
Axle Capacities:	Front:		16,000	Rear:	40,000	56,000
Estimated Chassis Weight: (includes +5% variance)	Front:		7958	Rear:	7284	

**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.**