

## Rosenbauer - South Dakota

**DEPARTMENT: HEIMAN FIRE**

**PROJECT: 1123**

Wheel Base	233
C A	120.2
Cab to Pump Compartment	3.2
Pump Compartment	44
Tank Length Lower	114
Tank Length Upper	114
Body Length	144
Total Tank Capacity	1020
Aerial Size	0



**READY TO SERVE™**

Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
5.58%	0.00%	40.77%
Water (& Foam) Upper	Aerial	Hose
5.58%	NA	0.43%

	<b>TOTAL WT</b>	<b>FRONT WT</b>	<b>REAR WT</b>
Water (& Foam) Lower	2,277	127	2,150
Water (& Foam) Upper	7,191	401	6,790
Body	3,168	0	3,168
Pump	2,294	935	1,359
Aerial	0	0	0
Chassis	13,165	8,318	4,847
Miscellaneous Equipment	1,564	466	1,098
<b>SUB TOTAL</b>	<b>29,659</b>	<b>10,248</b>	<b>19,411</b>
NFPA 1901 Equipment Allowance	2,500	-80	2,580
Additional Equipment Allowance	0	0	0
NFPA Personnel Load 5	1,250	821	429
Hose Load	1,265	5	1,260
Ground Ladders	131	0	131
	0	0	0
<b>TOTAL</b>	<b>34,805</b>	<b>10,994</b>	<b>23,810</b>
		<b>31.59%</b>	<b>68.41%</b>
			<b>Side-to-Side Tire Load Variation</b>

**NOTE: Weights shown are approximate**

<b>Proposed chassis information:</b>	Brand:	<b>FL</b>	Crew Doors:	4	
		<b>2 Wheel Drive</b>			<b>GVWR</b>
Axle Capacities:	Front:	<b>14,600</b>	Rear:	<b>26,000</b>	<b>40,600</b>
Estimated Chassis Weight: (includes +5% variance)	Front:	8318	Rear:	4847	

**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.**