

# Rosenbauer - South Dakota

DEPARTMENT: HEIMAN STOCK CT244, SD

PROJECT: 2230-D

Wheel Base	229
C A	163.4
Cab to Pump Compartment	5.4
Pump Compartment	40
Tank Length Lower	146
Tank Length Upper	146
Body Length	180
Total Tank Capacity	2020
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
17.03%	12.23%	60.26%
Water (& Foam) Upper	Aerial	Hose
17.03%	NA	3.93%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	2,916	497	2,419	
Water (& Foam) Upper	15,834	2,697	13,137	
Body	3,960	484	3,476	
Pump	1,511	911	600	
Aerial	0	0	0	
Chassis	13,006	8,139	4,868	
Miscellaneous Equipment	2,017	749	1,268	
<b>SUB TOTAL</b>	<b>39,244</b>	<b>13,475</b>	<b>25,769</b>	
NFPA 1901 Equipment Allowance	2,000	318	1,682	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	378	122	
Hose Load	1,265	50	1,215	
Ground Ladders	116	14	102	
	0	0	0	Side-to-Side Tire Load Variation
<b>TOTAL</b>	<b>43,125</b>	<b>14,235</b>	<b>28,890</b>	<b>1.6%</b>
		<b>33%</b>	<b>67%</b>	

NOTE: Weights shown are approximate

Proposed chassis information:		Brand:	FL	Crew Doors:	2	
			2 Wheel Drive			GVWR
Axle Capacities:	Front:		16,000	Rear:	30,000	46,000
Estimated Chassis Weight: (includes +5% variance)	Front:		8139	Rear:	4868	

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.