

# Rosenbauer - South Dakota

DEPARTMENT: HEIMAN

PROJECT: 2548

Wheel Base	201
C A	135.4
Cab to Pump Compartment	5.4
Pump Compartment	0
Tank Length Lower	163
Tank Length Upper	199
Body Length	203
Total Tank Capacity	3000
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
5.22%	14.18%	45.27%
Water (& Foam) Upper	Aerial	Hose
14.18%	NA	13.68%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	3,256	170	3,085	
Water (& Foam) Upper	24,590	3,487	21,104	
Body	4,466	633	3,833	
Pump	899	407	492	
Aerial	0	0	0	
Chassis	15,808	8,089	7,719	
Miscellaneous Equipment	550	157	393	
<b>SUB TOTAL</b>	<b>49,569</b>	<b>12,943</b>	<b>36,626</b>	
NFPA 1901 Equipment Allowance	1,000	426	574	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	361	139	
Hose Load	1,150	157	993	
Ground Ladders	0	0	0	
	0	0	0	Side-to-Side Tire Load Variation
<b>TOTAL</b>	<b>52,219</b>	<b>13,887</b>	<b>38,332</b>	<b>-0.6%</b>
		<b>27%</b>	<b>73%</b>	

NOTE: Weights shown are approximate

Proposed chassis information:		Brand:	FL	Crew Doors:	2	GVWR
			2 Wheel Drive			
Axle Capacities:	Front:		16,000	Rear:	40,000	56,000
Estimated Chassis Weight: (includes +5% variance)	Front:		8089	Rear:	7719	

**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.**