

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



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%

	TOTAL WT	FRONT WT	REAR WT	
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	
SUB TOTAL	29,659	10,248	19,411	
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	Side-to-Side Tire Load Variation
TOTAL	34,805	10,994	23,810	0.0%
		31.59%	68.41%	

NOTE: Weights shown are approximate

Proposed chassis information:		Brand:	FL	Crew Doors:	4	
			2 Wheel Drive			GVWR
Axle Capacities:	Front:		14,600	Rear:	26,000	40,600
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.