

Rosenbauer - South Dakota

DEPARTMENT: Heiman Fire Equipment

PROJECT: 2704

Wheel Base	196
C A	130.4
Cab to Pump Compartment	5.4
Pump Compartment	0
Tank Length Lower	163.5
Tank Length Upper	163.5
Body Length	170
Total Tank Capacity	2000
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
21.05%	20.41%	63.78%
Water (& Foam) Upper	Aerial	Hose
21.05%	NA	20.92%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	3,266	687	2,578	
Water (& Foam) Upper	15,298	3,220	12,079	
Body	3,740	763	2,977	
Pump	44	28	16	
Aerial	0	0	0	
Chassis	12,323	7,880	4,443	
Miscellaneous Equipment	860	435	425	
SUB TOTAL	35,531	13,013	22,518	
NFPA 1901 Equipment Allowance	1,000	381	619	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	398	102	
Hose Load	1,265	265	1,000	
Ground Ladders	0	0	0	
	0	0	0	Side-to-Side Tire Load Variation
TOTAL	38,296	14,057	24,239	1.6%
		37%	63%	

NOTE: Weights shown are approximate

Proposed chassis information:		Brand:	Freightliner	Crew Doors:	2	
			2 Wheel Drive			GVWR
Axle Capacities:	Front:		16,000	Rear:	27,000	43,000
Estimated Chassis Weight: (includes +5% variance)	Front:		7880	Rear:	4443	

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.