

Rosenbauer - South Dakota

DEPARTMENT: Heiman Fire Equipment

PROJECT: 2740-D

Wheel Base	238
C A	172.4
Cab to Pump Compartment	38.4
Pump Compartment	45
Tank Length Lower	132
Tank Length Upper	132
Body Length	160
Total Tank Capacity	1000
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
8.40%	3.36%	46.85%
Water (& Foam) Upper	Aerial	Hose
8.40%	NA	3.78%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	2,636	222	2,415	
Water (& Foam) Upper	6,646	558	6,087	
Body	3,520	118	3,402	
Pump	2,128	997	1,131	
Aerial	0	0	0	
Chassis	11,607	7,589	4,017	
Miscellaneous Equipment	1,372	619	753	
SUB TOTAL	27,909	10,104	17,805	
NFPA 1901 Equipment Allowance	2,000	-13	2,013	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	410	90	
Hose Load	1,265	48	1,217	
Ground Ladders	116	4	112	
	0	0	0	Side-to-Side Tire Load Variation
TOTAL	31,790	10,552	21,238	2.8%
		33%	67%	

NOTE: Weights shown are approximate

Proposed chassis information:		Brand:	Freightliner	Crew Doors:	2	GVWR
			2 Wheel Drive			
Axle Capacities:	Front:	12,000	Rear:	24,000	36,000	
Estimated Chassis Weight: (includes +5% variance)	Front:	7589	Rear:	4017		

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.