

Rosenbauer- South Dakota

DEPARTMENT: 17735

Wheel Base	178
C A	124
Cab to Pump Compartment	3
Pump Compartment	56
Tank Length Lower	117
Tank Length Upper	117
Body Length	159
Total Tank Capacity	750
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
1.97%	-8.71%	52.25%
Water (& Foam) Upper	Aerial	Hose
1.97%	NA	-8.15%

	TOTAL WT	FRONT WT	REAR WT
Water (& Foam) Lower	2,337	46	2,291
Water (& Foam) Upper	4,488	88	4,400
Body	3,498	-305	3,803
Pump	1,100	575	525
Aerial	NA	0	0
SUB TOTAL	11,423	404	11,019
Chassis	19,903	15,279	4,624
SUB TOTAL	31,326	15,683	15,643
Miscellaneous Equipment	2,800	855	1,945
NFPA 1901 Equipment Allowance	2,500	-205	2,705
NFPA Personnel Load (Included in Chassis if 0)	1,500	1,500	0
Hose Load	1,150	-94	1,244
Ground Ladders	161	-14	175
	0	0	0
TOTAL	39,437	17,726	21,711
		44.95%	55.05%

NOTE: Weights shown are approximate

Proposed chassis information:	Brand:	Rosenbauer	Crew Doors:	4	GVWR
		2 Wheel Drive			
Axle Capacities:	Front:	20,000	Rear:	27,000	47,000
Estimated Chassis Weight: (includes +5% variance)	Front:	15279	Rear:	4624	

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.