

Rosenbauer - South Dakota

DEPARTMENT: HEIMAN STOCK CT244, SD

PROJECT: 2230-D

Wheel Base	229
C A	163.4
Cab to Pump Compartment	5.4
Pump Compartment	40
Tank Length Lower	146
Tank Length Upper	146
Body Length	180
Total Tank Capacity	2020
Aerial Size	0



READY TO SERVE™

Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
17.03%	12.23%	60.26%
Water (& Foam) Upper	Aerial	Hose
17.03%	NA	3.93%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	2,916	497	2,419	
Water (& Foam) Upper	15,834	2,697	13,137	
Body	3,960	484	3,476	
Pump	1,511	911	600	
Aerial	0	0	0	
Chassis	13,006	8,139	4,868	
Miscellaneous Equipment	2,017	749	1,268	
SUB TOTAL	39,244	13,475	25,769	
NFPA 1901 Equipment Allowance	2,000	318	1,682	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 2	500	378	122	
Hose Load	1,265	50	1,215	
Ground Ladders	116	14	102	
	0	0	0	Side-to-Side Tire Load Variation
TOTAL	43,125	14,235	28,890	1.6%
		33%	67%	

NOTE: Weights shown are approximate

Proposed chassis information:	Brand:	FL	Crew Doors:	2	GVWR
		2 Wheel Drive			
Axle Capacities:	Front:	16,000	Rear:	30,000	46,000
Estimated Chassis Weight: (includes +5% variance)	Front:	8139	Rear:	4868	

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.