

Rosenbauer - South Dakota

DEPARTMENT: HEIMAN

PROJECT: 2548

| | |
|-------------------------|-------|
| Wheel Base | 201 |
| C A | 135.4 |
| Cab to Pump Compartment | 5.4 |
| Pump Compartment | 0 |
| Tank Length Lower | 163 |
| Tank Length Upper | 199 |
| Body Length | 203 |
| Total Tank Capacity | 3000 |
| Aerial Size | 0 |



READY TO SERVE™

| Percent of Weight to Front Axle | | |
|---------------------------------|--------|--------|
| Water (& Foam) Lower | Body | Pump |
| 5.22% | 14.18% | 45.27% |
| Water (& Foam) Upper | Aerial | Hose |
| 14.18% | NA | 13.68% |

| | TOTAL WT | FRONT WT | REAR WT | |
|--------------------------------|---------------|---------------|---------------|----------------------------------|
| Water (& Foam) Lower | 3,256 | 170 | 3,085 | |
| Water (& Foam) Upper | 24,590 | 3,487 | 21,104 | |
| Body | 4,466 | 633 | 3,833 | |
| Pump | 899 | 407 | 492 | |
| Aerial | 0 | 0 | 0 | |
| Chassis | 15,808 | 8,089 | 7,719 | |
| Miscellaneous Equipment | 550 | 157 | 393 | |
| SUB TOTAL | 49,569 | 12,943 | 36,626 | |
| NFPA 1901 Equipment Allowance | 1,000 | 426 | 574 | |
| Additional Equipment Allowance | 0 | 0 | 0 | |
| NFPA Personnel Load 2 | 500 | 361 | 139 | |
| Hose Load | 1,150 | 157 | 993 | |
| Ground Ladders | 0 | 0 | 0 | |
| | | | | Side-to-Side Tire Load Variation |
| TOTAL | 52,219 | 13,887 | 38,332 | |
| | | 27% | 73% | |

NOTE: Weights shown are approximate

| | | | | | |
|--|--------|---------------|-------------|--------|--------|
| Proposed chassis information: | Brand: | FL | Crew Doors: | 2 | GVWR |
| | | 2 Wheel Drive | | | |
| Axle Capacities: | Front: | 16,000 | Rear: | 40,000 | 56,000 |
| Estimated Chassis Weight: (includes +5% variance) | Front: | 8089 | Rear: | 7719 | |

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.