



**FAMILY OWNED  
SINCE 1890**

## SP 95/SP 100 Aerial Platform



Shown with Optional Equipment

The Sutphen original mid-mount aerial platform design provides unsurpassed safety, performance, reliability, and maneuverability. The mid-mount design allows for lower center of gravity and low profile. The need for only one out and down stabilizing jack on each side provides the industry's quickest and most compact set up.



### APPARATUS BODY

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| CONSTRUCTION:       | Heavy duty, corrosion resistant, #304 Stainless Steel body, Huck-bolted to the frame |
| DOORS:              | Roll up doors painted or satin finish, hinged doors optional                         |
| HOSEBED:            | Capacity for up to 1000' of 5" LDH                                                   |
| LADDERS:            | Can accommodate NFPA pumper or Quint, or Aerial compliment of ladders                |
| TANK:               | Up to 500 gallons                                                                    |
| AIR BOTTLE STORAGE: | Capacity for up to (7) air bottles stored in the fender wells                        |
| COMPARTMENT SPACE:  | Up to 280 cu. ft. of useable compartment space                                       |

### PUMP FEATURES:

Hale or Waterous pumps available  
1500-2000 gpm mid-ship mounted pump.  
STANDARD DISCHARGES: (2) 2.5" left, (1) 2.5" right, (1) 3" right, (1) 2.5" crosslay, (2) 2" crosslay  
PLATFORM EQUIPMENT: Twin monitors mounted outboard, up high; allow the front of the platform to remain open allowing better access to the face of the platform for rescue or ventilation. Manual or remote monitors are available.

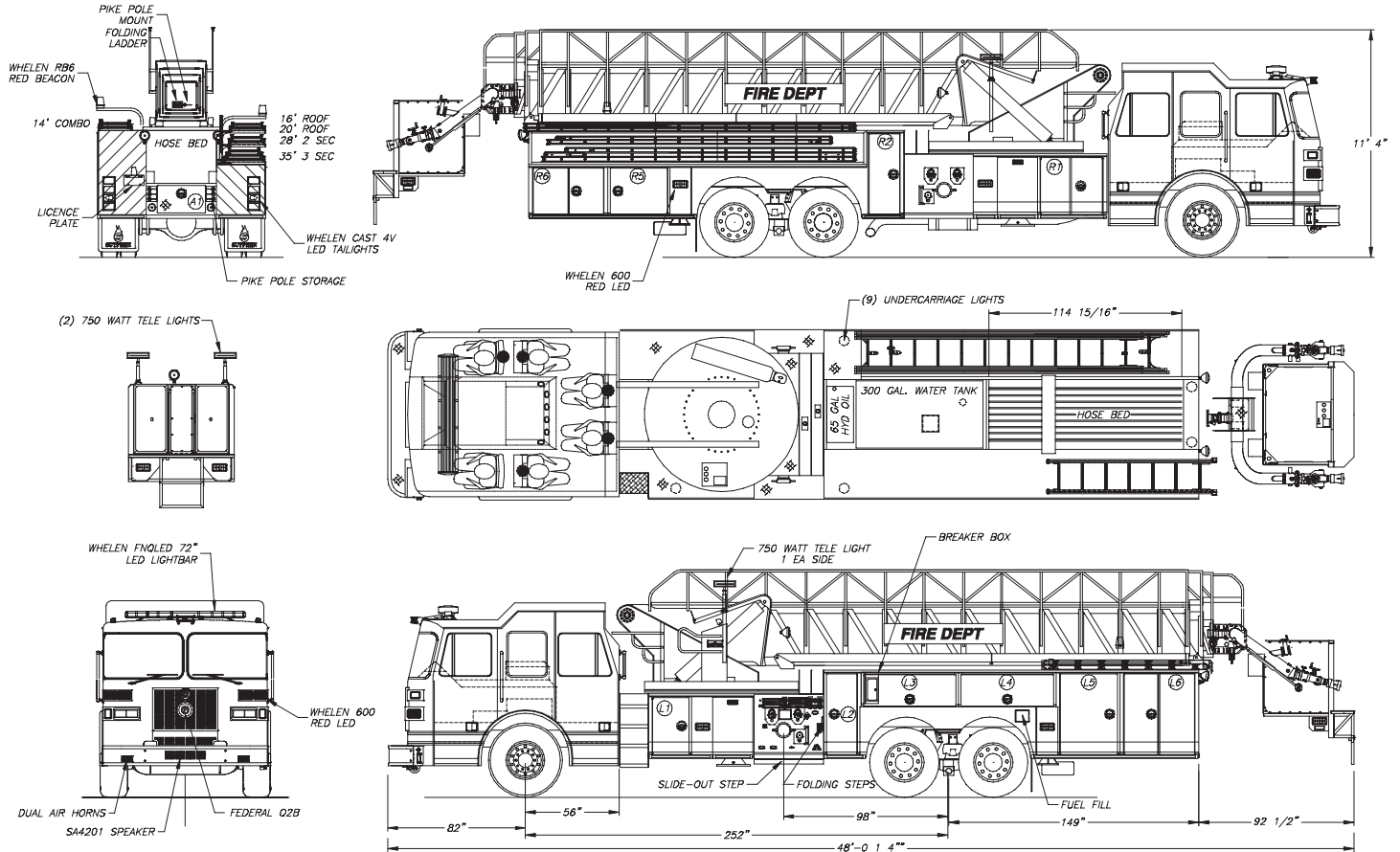
### APPARATUS / PLATFORM FEATURES:

- Mid-mount design allows for a lower center of gravity, resulting in a more stable and better handling apparatus.
- Huck-bolted, 4-sided box design boom provides superior strength and rigidity, and results in a 3:1 safety factor.
- The Sutphen waterway, electrical cables, and breathing air hoses are completely enclosed inside the box boom, providing excellent protection for those systems.

- The Sutphen aerial tower may be rested against a roof cornice or building, if necessary, without causing costly repairs to the waterway unlike most other designs.
- Aerial is constructed of #6061-T6 aluminum that will withstand extreme climate and intense heat situations. The aerial is left unpainted for ease of maintenance and lower repair cost.
- The Sutphen SP95/SP100 Aerial Platforms are rated for 35mph winds; a direct testament to the box boom's strength.
- The aerial device is rated with a 1000# tip load when dry, and 500# wet.
- Fastest set-up time in the industry. Only one out and down jack each side. All control stations are located within 12 feet of each other. After setting the parking brake at the scene, the Sutphen platform can be deployed in 40 seconds or less.
- Sutphen aerials have full capability for over the cab operation.
- Low, open hose bed for easy deployment and loading of hose.

# SUTPHEN

SP 95/SP 100 Aerial Platform



## LEFT SIDE

### DOOR OPENINGS

| COMP'T  | HEIGHT | WIDTH  |
|---------|--------|--------|
| L1      | 31     | 19 3/4 |
| L2      | 45 1/2 | 16 1/2 |
| L3 & L4 | 16 5/8 | 52 1/2 |
| L5      | 45 1/8 | 32 1/8 |
| L6      | 45 1/8 | 39 7/8 |

## LEFT SIDE

### COMP'T DIMENSIONS

| HEIGHT | WIDTH  | DEPTH  |
|--------|--------|--------|
| 34 3/8 | 26 3/8 | 26 1/2 |
| 48 1/2 | 22     | 26 1/2 |
| 19 1/8 | 57 3/4 | 26 1/2 |
| 48 1/2 | 37 3/4 | 26 1/2 |
| 48 1/2 | 45 3/4 | 26 1/2 |

## RIGHT SIDE

### DOOR OPENINGS

| COMP'T | HEIGHT | WIDTH  |
|--------|--------|--------|
| R1     | 31     | 36 3/4 |
| R2     | 45 1/2 | 16 1/2 |
| R5     | 24 3/4 | 32 1/8 |
| R6     | 24 3/4 | 39 7/8 |

## RIGHT SIDE

### COMP'T DIMENSIONS

| HEIGHT | WIDTH  | DEPTH  |
|--------|--------|--------|
| 34 3/8 | 42 1/2 | 26 1/2 |
| 48 1/2 | 22     | 26 1/2 |
| 28     | 37 3/4 | 26 1/2 |
| 28     | 45 3/4 | 26 1/2 |

## REAR COMPARTMENT

### DOOR OPENINGS

| COMP'T | HEIGHT | WIDTH |
|--------|--------|-------|
| A1     | 15 3/4 | 27    |

## REAR COMPARTMENT

### COMP'T DIMENSIONS

| HEIGHT | WIDTH  | DEPTH  |
|--------|--------|--------|
| 14 1/4 | 25 1/2 | 88 3/4 |



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SP 95/SP 100 Aerial Platform 2018