



FAMILY OWNED  
SINCE 1890

## SPH 100 Mid-Mount Aerial Platform



Shown with Optional Equipment

The SPH 100 Aerial Platform is the most demanded mid-mount aerial platform on the market. Once you drive and operate it, you'll understand why. The shorter wheelbase and overall length results in a more maneuverable apparatus. The industry's fastest set up time will have you in the air for rescue or attack in less than a minute.



### 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 900' of 5" LDH
- LADDERS:** Can accommodate NFPA pumper or Quint, or Aerial compliment of ladders
- TANK:** 300 gallons
- AIR BOTTLE STORAGE:** Capacity for up to (8) air bottles stored in the fender wells
- COMPARTMENT SPACE:** Up to 300 cubic feet of usable 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

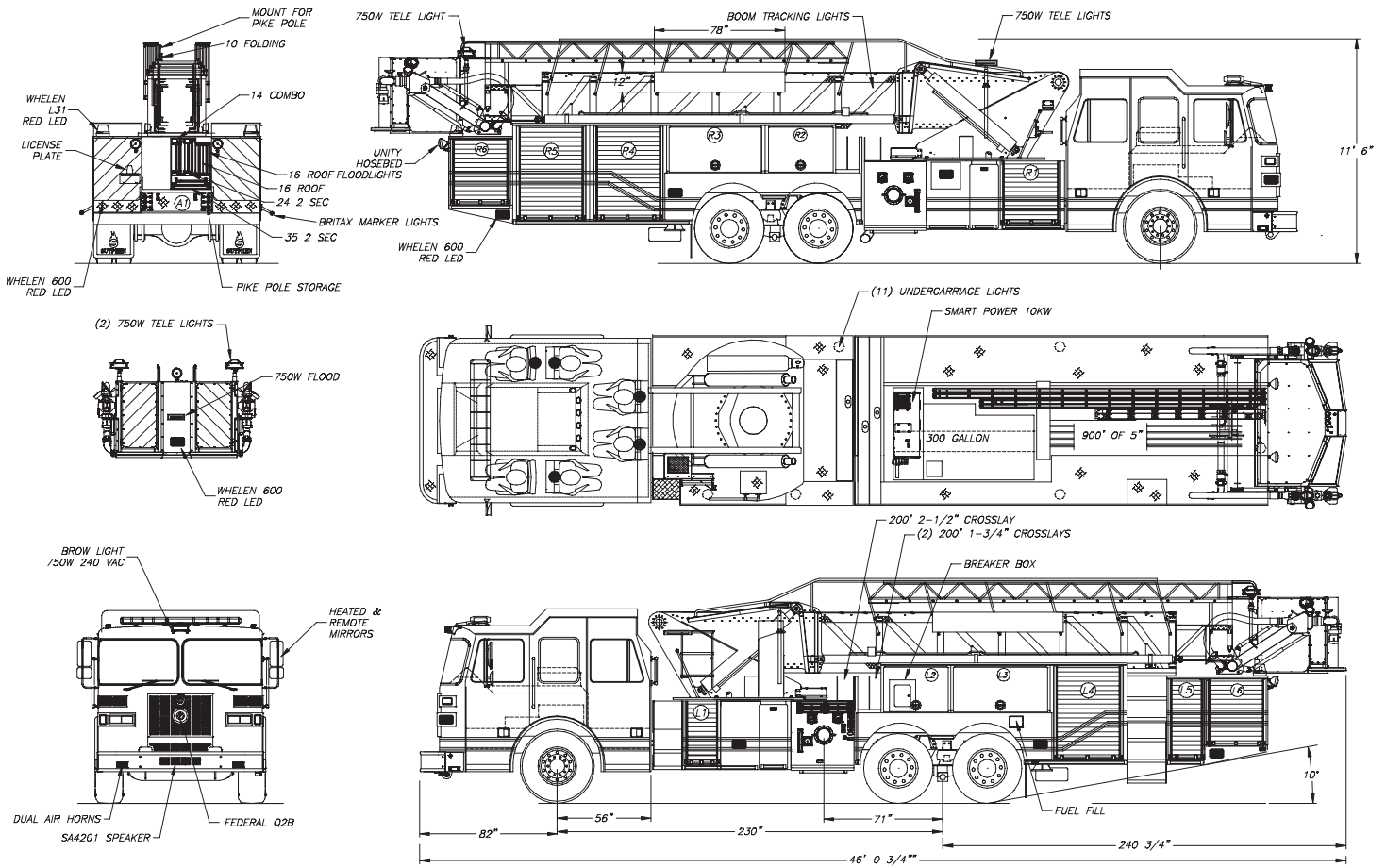
**PLATFORM EQUIPMENT:** Twin monitors mounted outboard, up high; allow the front of the platform to remain open allowing better access to the face of the platform for rescue or ventilation. Manual or remote monitors are available.

### 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.
- Low, open hose bed for easy deployment and loading of hose.
- 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 SPH 100 is rated for 35 MPH winds; a direct testament to the box boom's strength.
- The aerial device is rated with a 1000# tip load when dry, and 500# while flowing water.
- 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.
- Large bucket with room for equipment and personnel. 73" wide x 40" deep, 19.5 sq. ft.
- Enclosed rear ladder storage, and up to 228' of ground ladders (Truck Company configuration).
- Sutphen SPH100 stabilizers are out and down "H-style" with a total set up width of 18'.

# SUTPHEN SPH 100 Mid-Mount Aerial Platform



### LEFT SIDE

#### DOOR OPENINGS

COMP'T	HEIGHT	WIDTH
L1	31 1/2	13 1/2
L2	23	33 1/4
L3	23	50 1/4
L4	48 1/2	38 3/4
L5	40 1/2	15 1/2
L6	32 1/2	30 7/8

### LEFT SIDE

#### COMP'T DIMENSIONS

HEIGHT	WIDTH	DEPTH
38 1/2	20 1/4	20 1/4
27 1/2	41 1/2	12 1/2
27 1/2	58	12 1/2
56 1/2	45 3/4	26 1/2
48 1/2	22	26 1/2
40 1/2	34 3/4	26 1/2

### RIGHT SIDE

#### DOOR OPENINGS

COMP'T	HEIGHT	WIDTH
R1	31 1/2	33 1/2
R2	23	33 1/4
R3	23	50 1/4
R4	48 1/2	38 3/4
R5	48 1/2	38 3/4
R6	32 1/2	30 7/8

### RIGHT SIDE

#### COMP'T DIMENSIONS

HEIGHT	WIDTH	DEPTH
38 1/2	40	26 1/2
27 1/2	21 1/2	26 1/2
27 1/2	58	26 1/2
56 1/2	45 3/4	26 1/2
56 1/2	45 3/4	26 1/2
40 1/2	34 3/4	26 1/2

### REAR COMPARTMENT

#### DOOR OPENINGS

COMP'T	HEIGHT	WIDTH
A1	9 1/2	24 1/2

### REAR COMPARTMENT

#### COMP'T DIMENSIONS

HEIGHT	WIDTH	DEPTH
9 1/2	26	88



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