



**FAMILY OWNED  
SINCE 1890**

## SAI 110 Industrial Aerial Ladder



Shown with Optional Equipment

Sutphen Petrochemical and Industrial Aerials are the industry's most reliable, and most demanded apparatus on the market. Sutphen is the leader in highest flow, highest elevation, and workable foam streams for industrial firefighting. The Sutphen aerial can flow up to 4000 gpm at 100' of elevation from a pressurized water source, a feature unmatched by any other manufacturer.



### 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 1400' of 6" LDH
TANK:	Capacity for up to 1000 gallons, foam or water
AIR BOTTLE STORAGE:	Capacity for up to (8) air bottles stored in the fender wells

### PUMP FEATURES

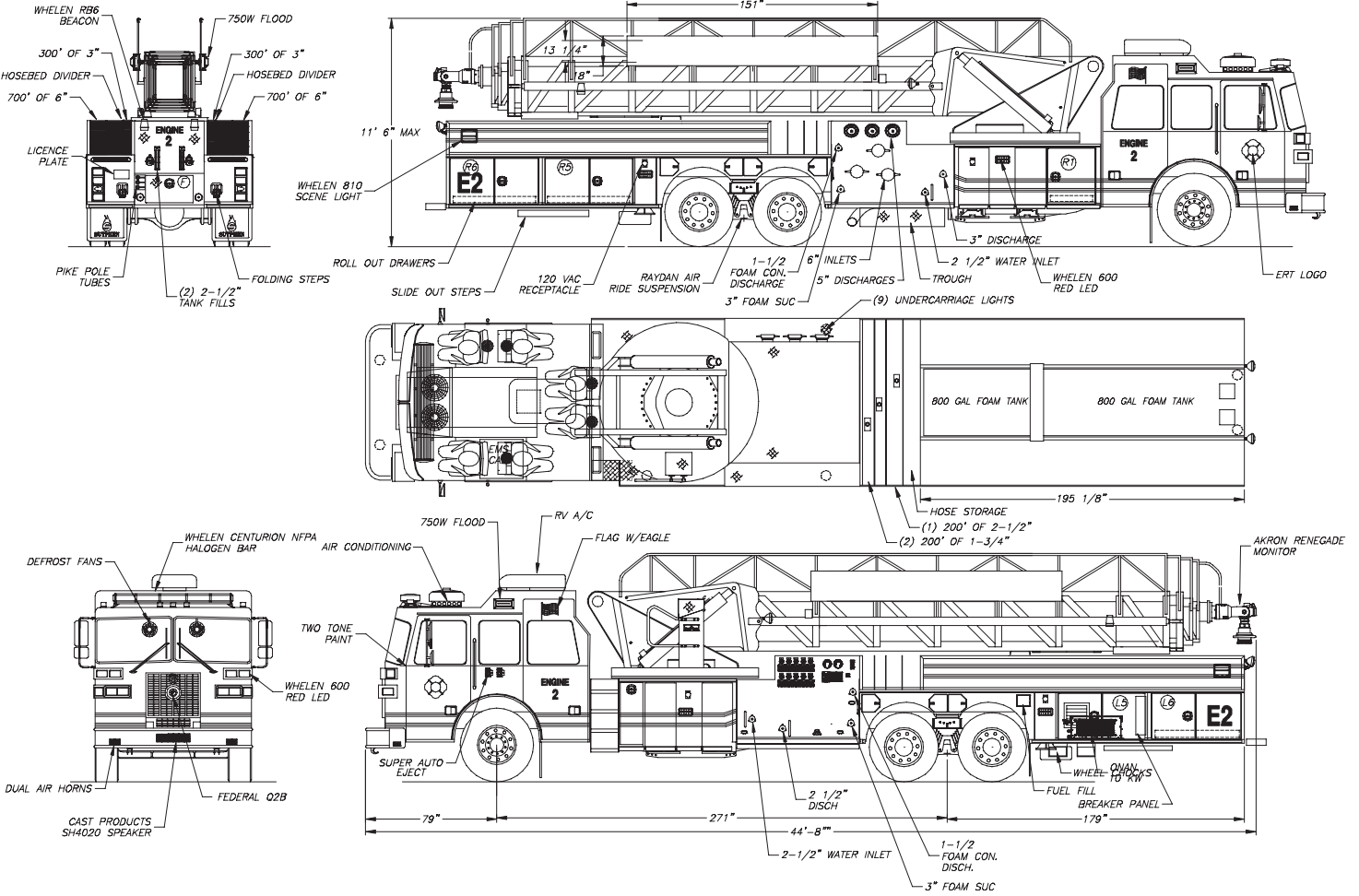
Hale 8fg 3000-5000 gpm	
FOAM SYSTEMS:	Foam Pro Accumax or National Foam Servo Command, or Williams Hot Shot
DISHCHARGES:	(3) 6" right, (1) 2.5" right, (1) 2.5" left, foam concentrate discharge 3" right or left, (2) 1.75" crosslay, (2) 2.5 crosslay, 5" rear discharge
MONITORS:	Akron Renegade 5000 gpm, remote operated, (2) TFT Monsoon, 2000 gpm, body mounted.

### APPARATUS/LADDER 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.
- All Sutphen aerial apparatus are rated for 50 MPH winds; a direct testament to the box boom's strength.
- The aerial device is rated with a 1000# tip load when dry, and 750# while flowing water.
- Patented "X" Jacks stabilizer system.

# SUTPHEN



LEFT SIDE		
DOOR OPENINGS		
COMP'T	HEIGHT	WIDTH
L6	24 3/4	39 7/8
L3	24 3/4	39 7/8

LEFT SIDE		
COMP'T DIMENSIONS		
HEIGHT	WIDTH	DEPTH
28	45 ¾	26 ½
28	45 ¾	26 ½

RIGHT SIDE DOOR OPENINGS		
COMPT	HEIGHT	WIDTH
A	31	36 ¾
R5	24 ¾	39 ⅞
R6	24 ¾	39 ⅞

RIGHT SIDE		
COMP'T DIMENSIONS		
HEIGHT	WIDTH	DEPTH
34 3/8	45 1/2	26 1/2
28	45 3/4	26 1/2
28	45 3/4	26 1/2

REAR COMPARTMENT DOOR OPENINGS		
COMPT	HEIGHT	WIDTH
A1	15¾	27

REAR COMPARTMENT COMP'T DIMENSIONS		
HEIGHT	WIDTH	DEPTH
14 ¼	25 ½	88 ¾



# SUTPHEN™

**SUTPHEN CORPORATION** 6450 Eiterman Rd., Dublin, OH 43016

Tel: 614.889.1005 • Toll Free: 800.848.5860 • Fax: 614.889.0874

Web: [www.sutphen.com](http://www.sutphen.com) • E-mail: [sutphen@sutphencorp.com](mailto:sutphen@sutphencorp.com)



SAI 110 Industrial Aerial Ladder 2018