

SAI 110 Industrial Aerial Ladder



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:	ROM 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,

FEATURES

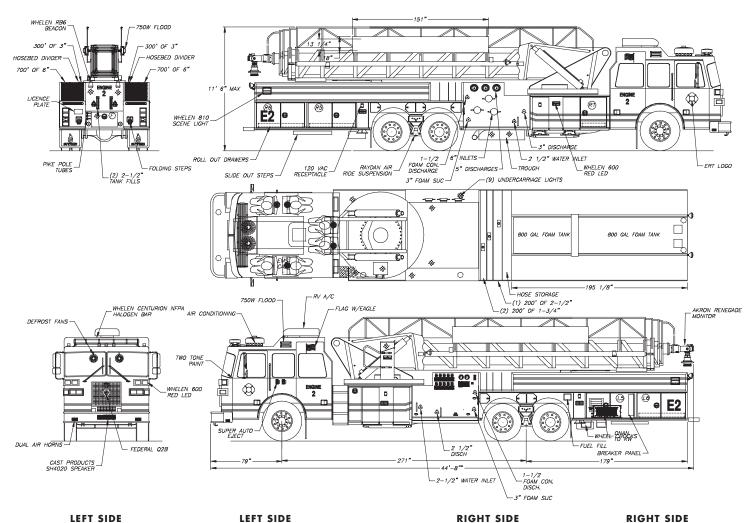
 Mid-mount design allows for a lower center of gravity, resulting in a more stable and better handling apparatus.

body mounted.

 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 SAI 110 Industrial Aerial Ladder



	LEFT SIDE		
DOC	OR OPENII	NGS	
COMP'T	HEIGHT	WIDTH	
L6	24¾	397/8	
L3	24¾	39 7/8	

REAR COMPARTMENT		REAR	COMPART	MENT	
DOC	OR OPENII	NGS	СОМР	T DIMEN	SIONS
COMP'T	HEIGHT	WIDTH	HEIGHT	WIDTH	DEPTH
A1	15¾	27	141/4	25½	8 8 ³ ⁄4

RIGHT SIDE		RIGHT SIDE				
DOOR OPENINGS		СОМР	COMP'T DIMENSIONS			
COMP'T	HEIGHT	WIDTH	HEIGHT	WIDTH	DEPTH	
А	31	363/4	34 3/8	45½	26½	
R5	243/4	39 7/8	28	45¾	26½	
R6	243/4	39 7⁄8	28	45¾	26½	



DEPTH

26½

261/2

DEPTH 88¾

COMP'T DIMENSIONS

WIDTH

45¾

45¾

HEIGHT

28

28

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