



Family Owned and Operated Since 1890

How Custom is a Hilliard
Aerial?

Aerial Feature Comparison Chart

Features	SP70	SA75	SL75	SL100
Aerial Vertical Reach	70' - 4"	77' - 5"	75' - 4"	100'
Aerial Horizontal Reach	62' - 6"	68'	67' - 9"	91' - 3"
Operating Envelope	75 to -5 degrees	75 to -5 degrees	75 to -5 degrees	75 to -5 degrees
Envelope Aerial Controls	Upon Request	Upon Request	Upon Request	Standard
Water Tank	Up to 500 gallons	Up to 500 gallons	Up to 500 gallons	Up to 500 gallons
Water Pump Range	Hale Qmax/Qtwo 2,250 Wateous CSU/CMU	Hale Qmax/Qtwo 2,250 Wateous CSU/CMU 2,250	Hale Qmax/Qtwo 2,250 Wateous CSU/CMU 2,250	Hale Qmax/Qtwo 2,250 Wateous CSU/CMU 2,250
Ladder Tip Rating, Empty Waterway	1,000 lb	1,000 lb	1,000 lb	750 lb
Ladder Tip Rating, Full Waterway	750 lb	750 lb	750 lb	500 lb
Waterway Flow Capacity	1,000 gpm	1,000 gpm	1,000 gpm	1,000 gpm
Ladder Controls	Manual at Pump Panel	Manual at Pump Panel	Manual at Pump Panel	Manual at Pedestal
Wheelbase (62" cab)	221"	221"	221"	236" Hale Pump 241" Waterous Pump
Overall Length (12" Bumper, 62" Cab)	42' - 4"	38' - 9"	40' - 0"	43' - 7.75"
Overall Height	10' - 10"	10' - 10"	10' - 0"	9' - 8.5"
Body Width	98"	98"	98"	99"
CL of Rear Axle to Rear of Body	105"	105"	105"	174.5"
Compartment Volume	Up To 193 cu. ft.	Up To 193 cu. ft.	Up To 193 cu. ft.	Up To 240 cu. ft.
Body Material	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
GVWR Front	23,000 lbs	23,000 lbs	23,000 lbs	23,000 lbs
GVWR Rear	31,000 lbs	31,000 lbs	31,000 lbs	44,000 lbs or 48,000 lbs
Ladder Fly Section Inside Width	22.875"	22.875"	22.5"	24.125"
Ladder Fly Section Inside Height	12"	12"	19.5"	16.438"

SL75



SA75



SL75



SA75



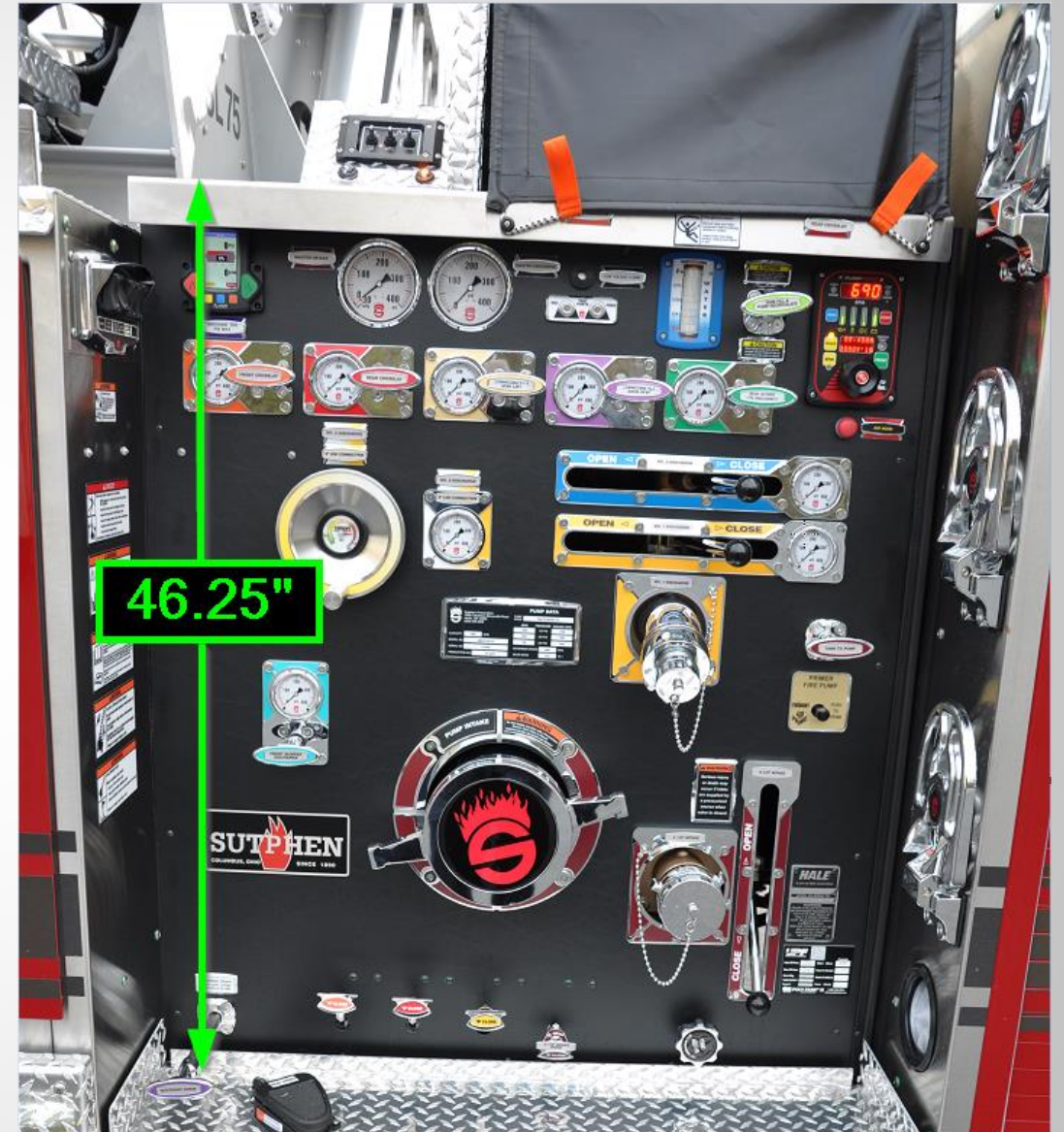
SP70/SA75 Pump Module

- 6.75" Taller than SL75 module
- Driver side access door
- More panel space
- Optional 3rd cross lay with lowered cross lay floor



SL75 Pump Module

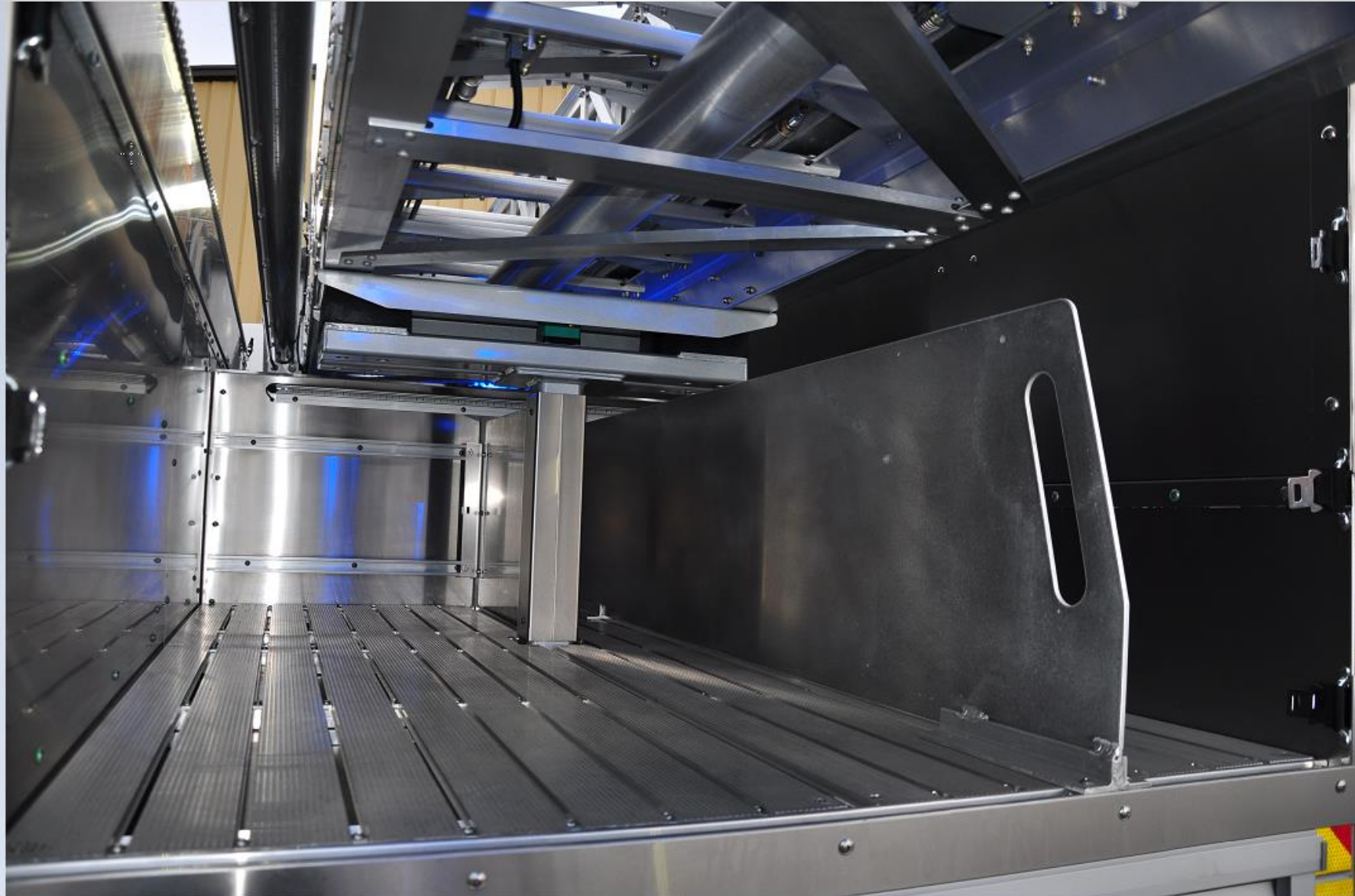
- Turntable cuts into module
- No driver side access door
- 2 crosslays with 200' of 1.75" each



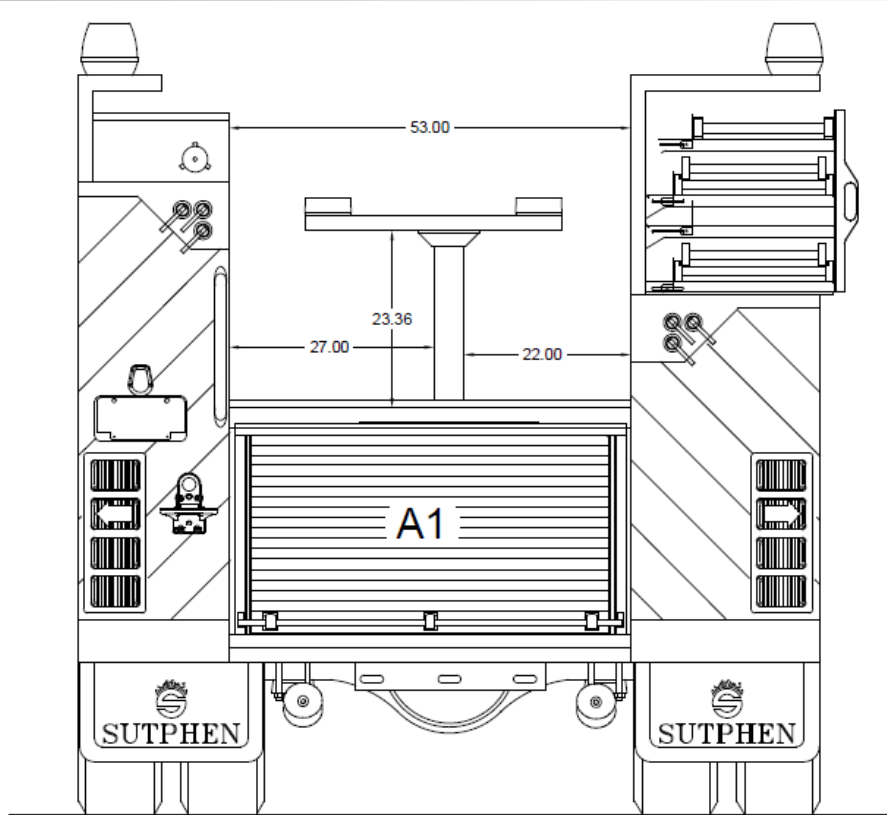




SL75 Main Hose Bed

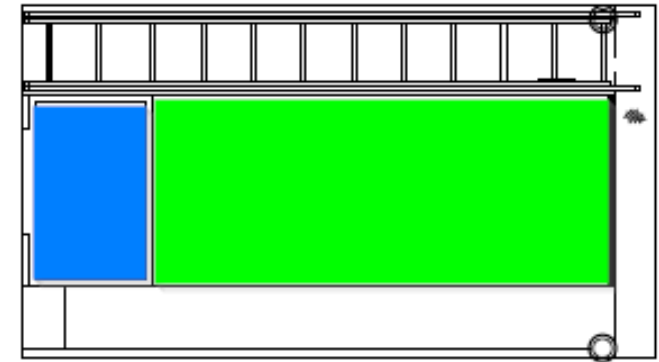


S75 Main Hose Bed

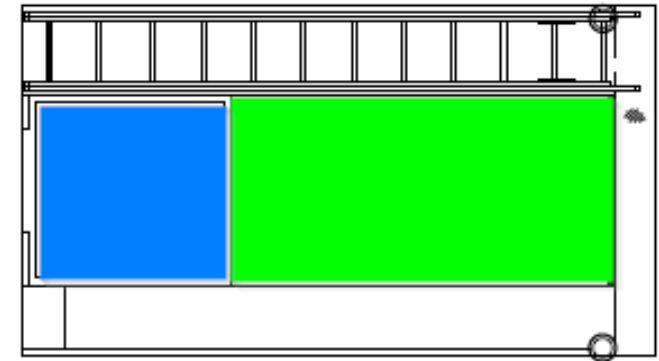


SL75^I

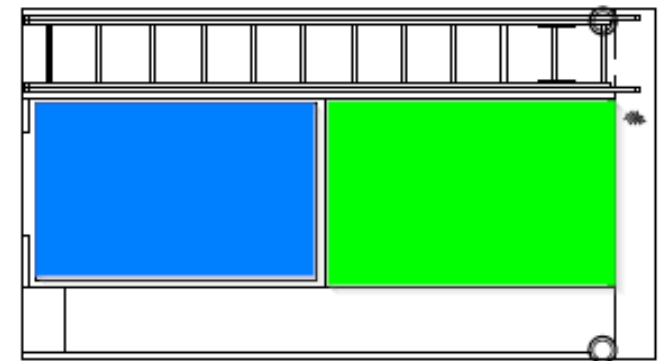
300 GALLONS
1,600' OF 5"



400 GALLONS
1,350' OF 5"



500 GALLONS
1,000' OF 5"

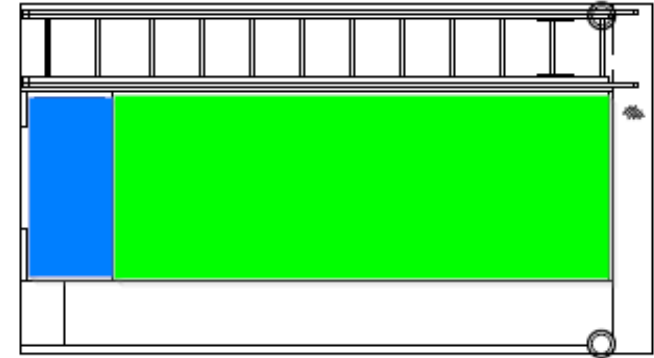


SA75/SP70 Main Hose Bed

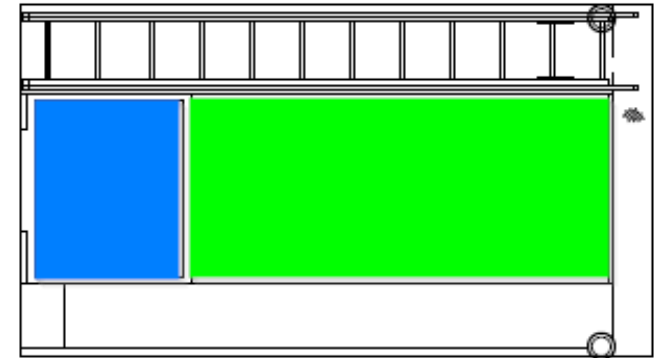


SP70/SA75 Main Hose Bed

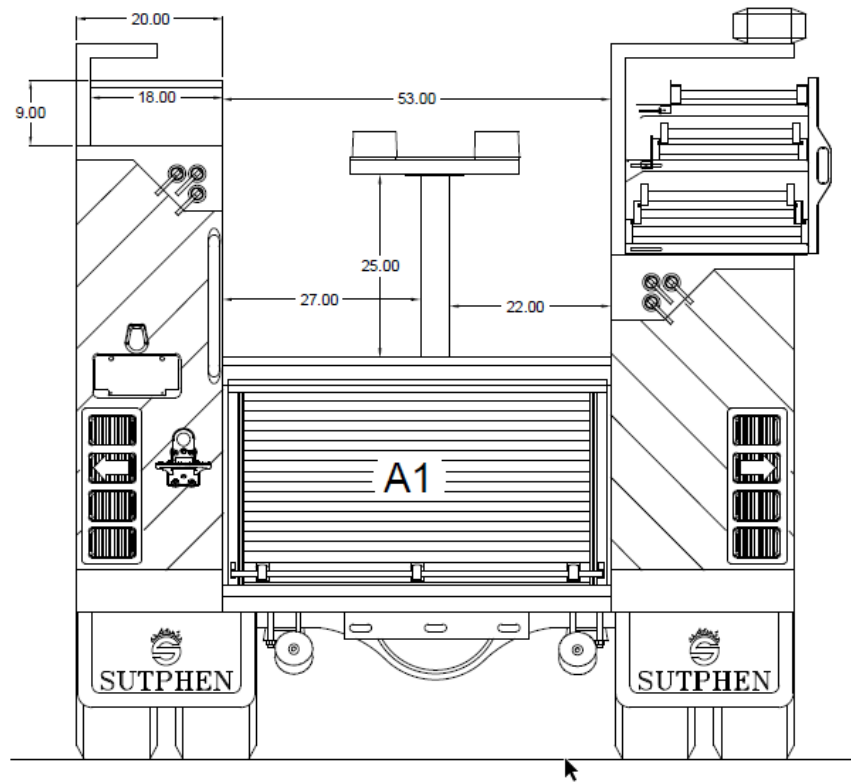
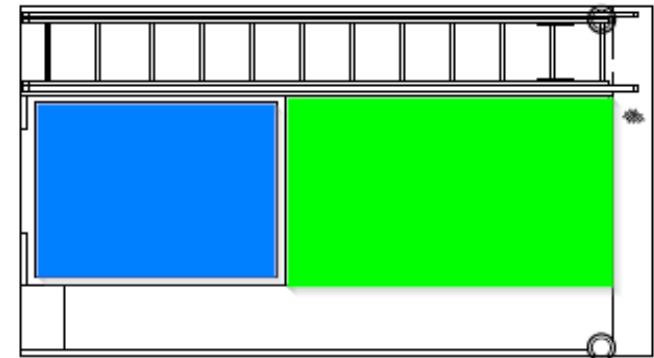
300 GALLONS
1,850' OF 5"



400 GALLONS
1,550' OF 5"



500 GALLONS
1,200' OF 5"



SP70 & SA75

SP70 LOW PROFILE

OVERALL HEIGHT: 10'-0"



SP70 LOW PROFILE



SP70 LOW PROFILE



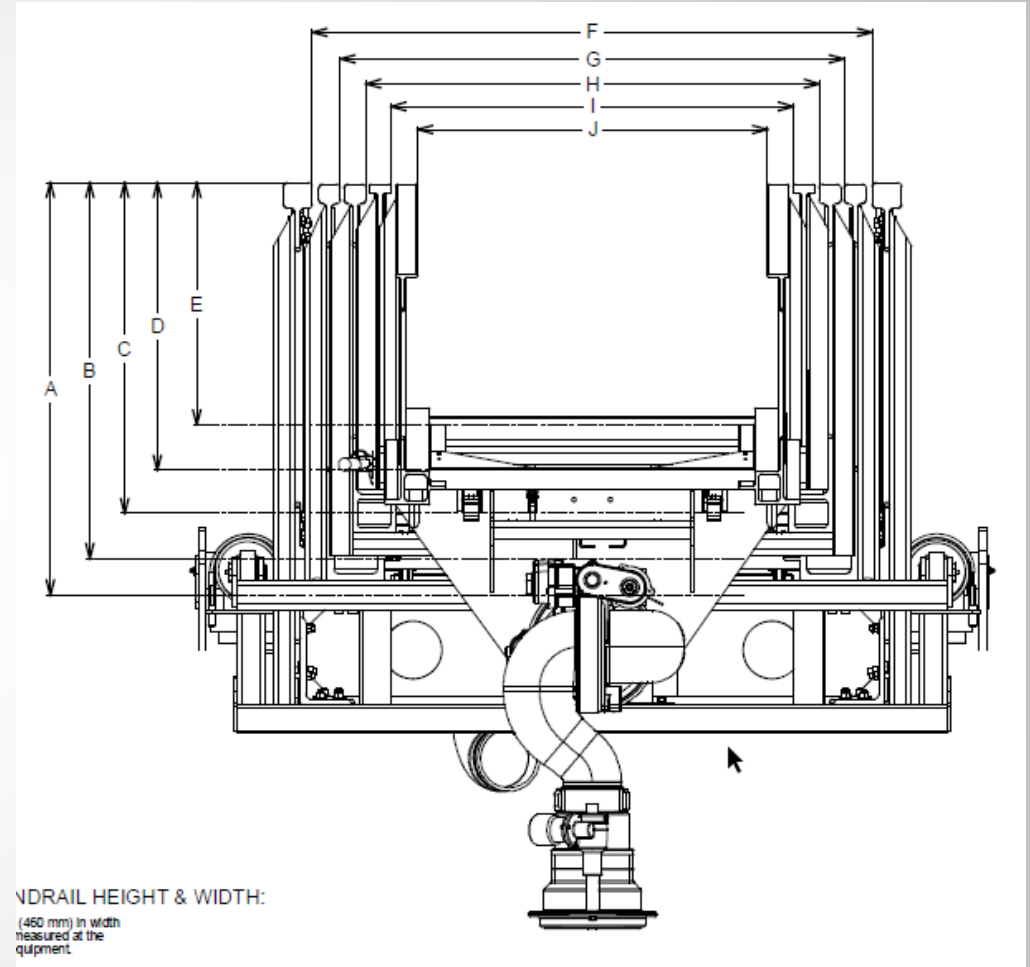
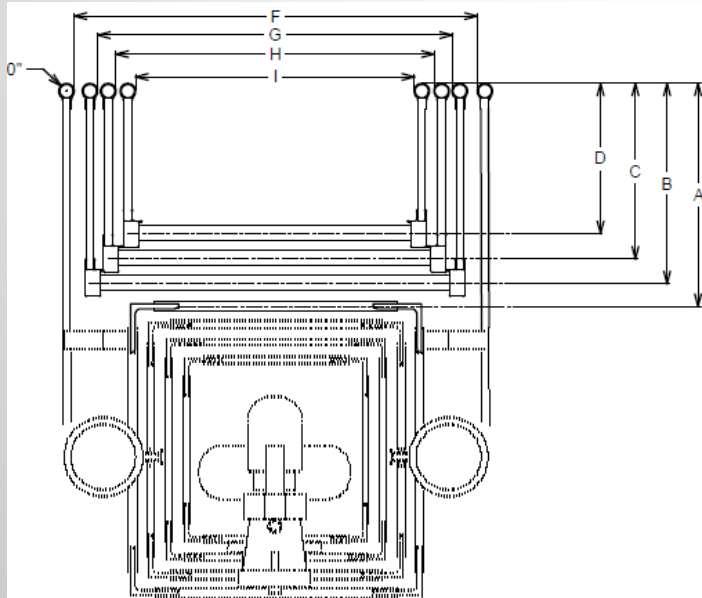
SP70 NO RAIL

OVERALL HEIGHT: 9'-8.75"

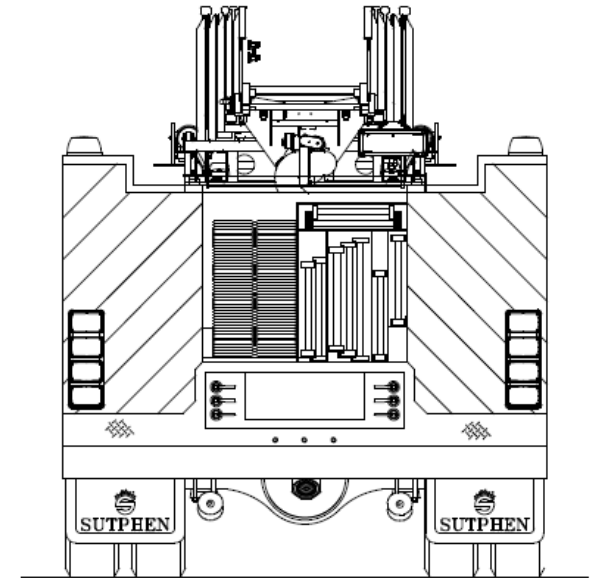
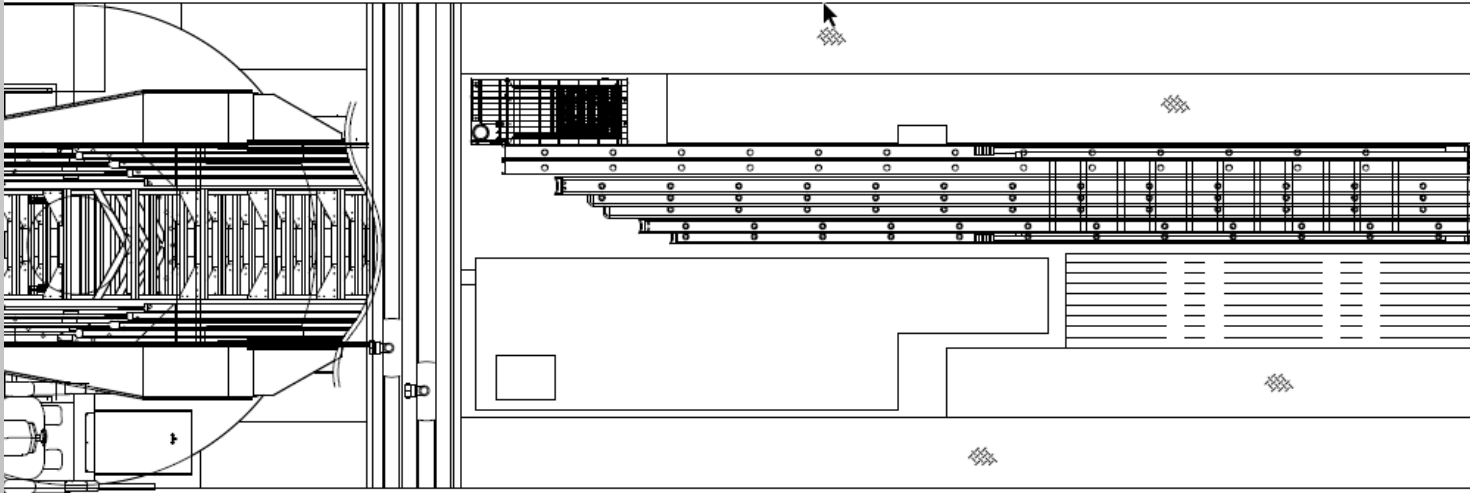


LADDER RAIL DIMENSIONS

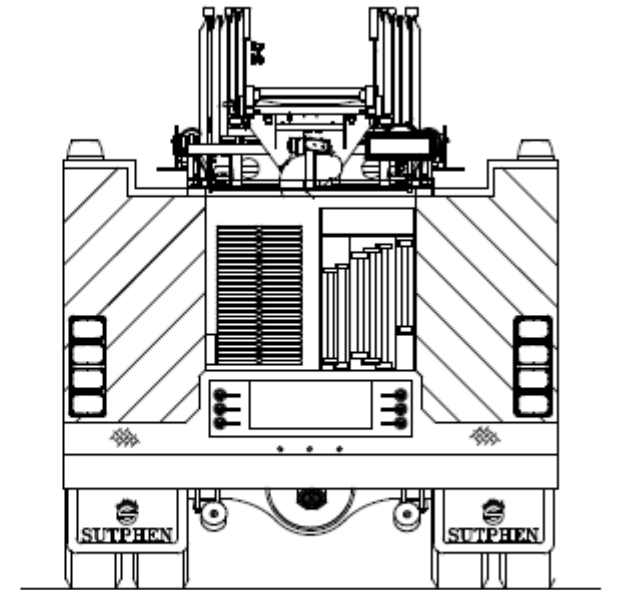
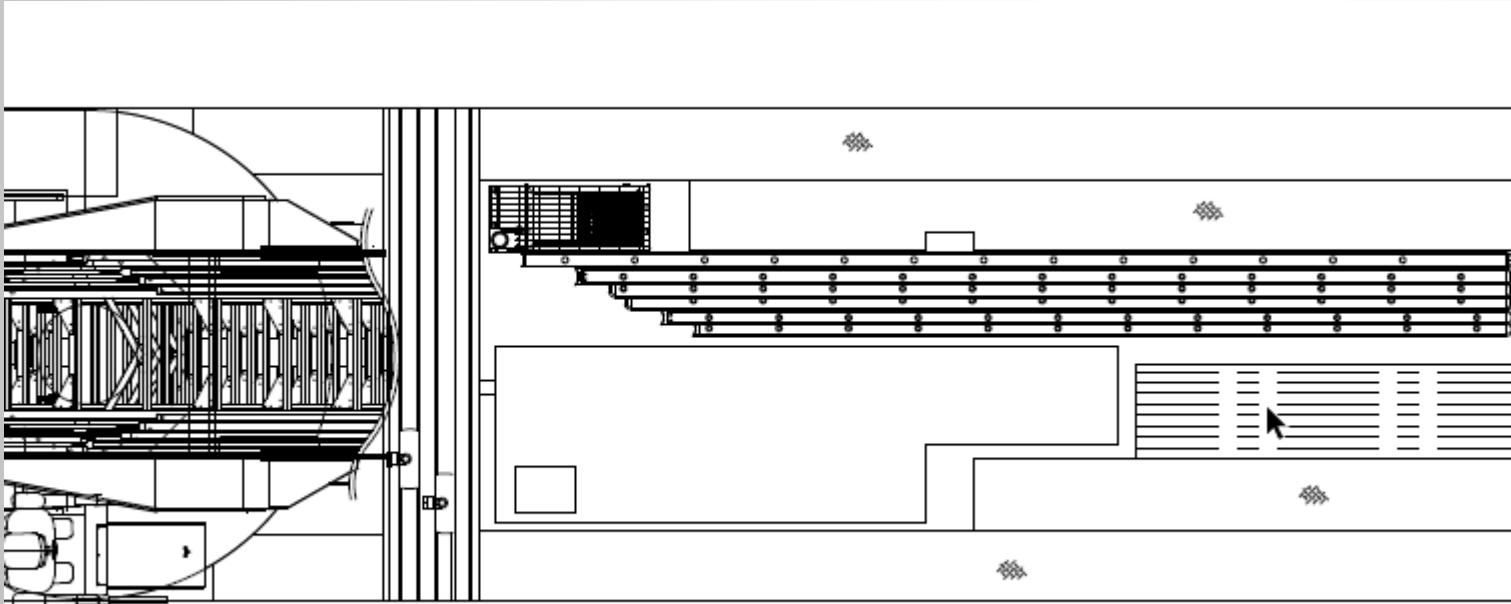
		SP70 PLATFORM	SA75 4-SECTION	SL75 LADDER	SL104 LADDER	SL100 LADDER	SLR75 LADDER	SLR108 LADDER
HEIGHT	1 st (A)	17 5/8"	17 1/2"	28 1/2"	28 1/2"	28 1/2"	24 1/2"	24 5/8"
	2 nd (B)	16"	16"	25 1/2"	25 1/2"	25 13/16"	21 3/4"	22"
	3 rd (C)	14"	14"	22 1/2"	22 1/2"	22 5/8"	18 1/2"	18 5/8"
	4 th (D)	12"	12"	19 1/2"	19 1/2"	19 5/8"	n/a	15 5/8"
	5 th (E)	n/a	n/a	n/a	n/a	16 13/16"	n/a	n/a
WIDTH	1 st (F)	33 3/8"	33 3/8"	33 3/8"	33 3/8"	38 5/8"	33 5/8"	38 5/8"
	2 nd (G)	29 1/2"	29 1/2"	29 1/2"	29 1/2"	34 3/4"	29 3/4"	34 1/4"
	3 rd (H)	26 1/4"	26 1/4"	25 1/2"	25 1/2"	31 1/4"	25 7/8"	30 7/8"
	4 th (I)	22 7/8"	22 7/8"	22 1/2"	22 1/2"	27 3/4"	n/a	27 1/2"
	5 th (J)	n/a	n/a	n/a	n/a	24 1/8"	n/a	n/a



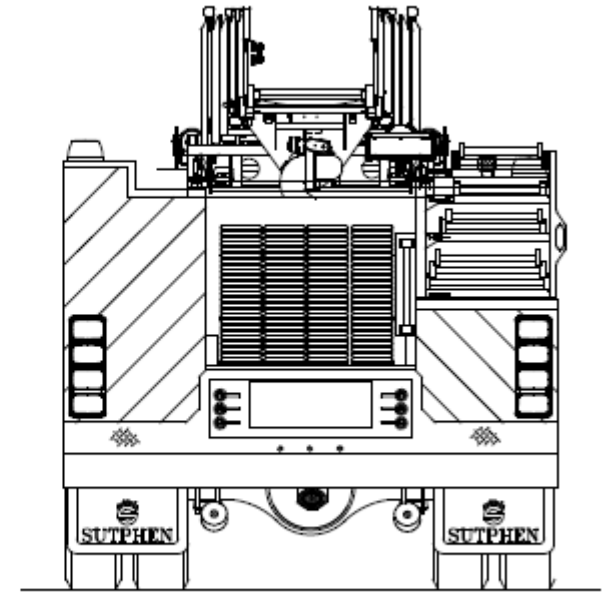
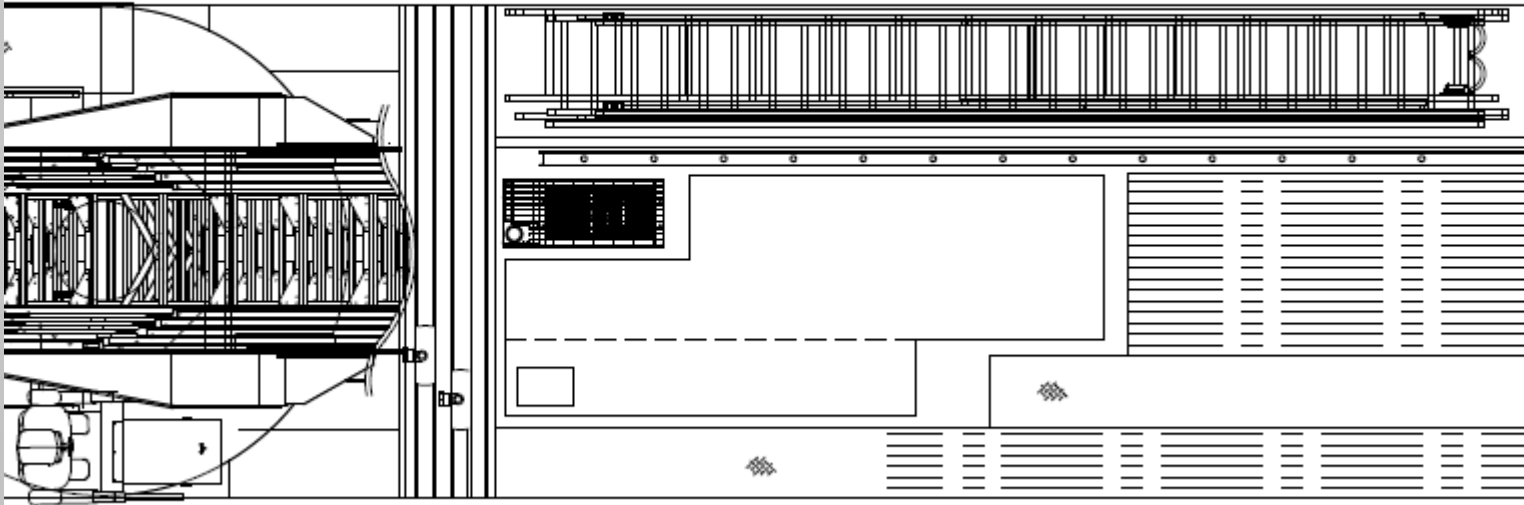
SL100
BODY: LEFT HIGH - RIGHT HIGH
TANK: 300 GALLONS
LADDERS: NFPA AERIAL 115'
HOSE: 600' OF 5"



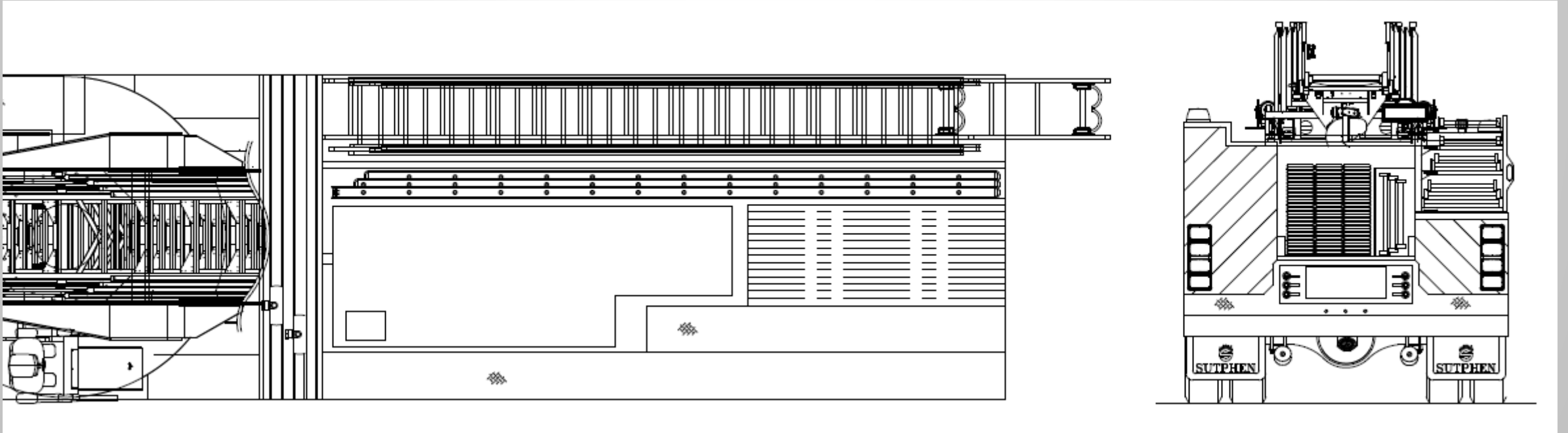
SL100
BODY: LEFT HIGH - RIGHT HIGH
TANK: 400 GALLONS
LADDERS: NFPA QUINT 85'
HOSE: 550' OF 5"



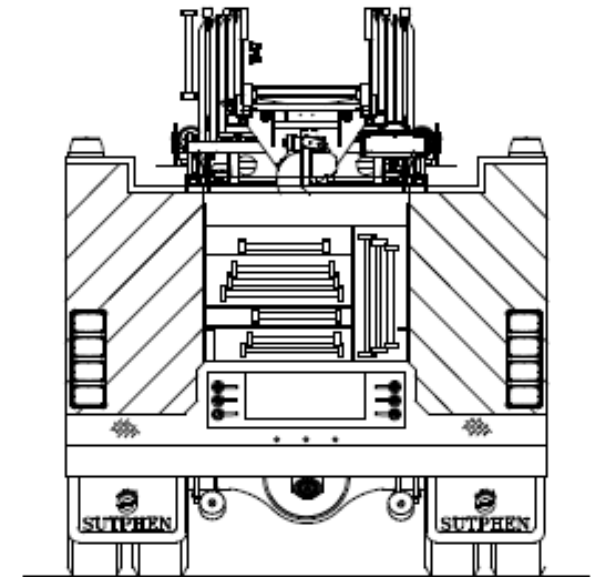
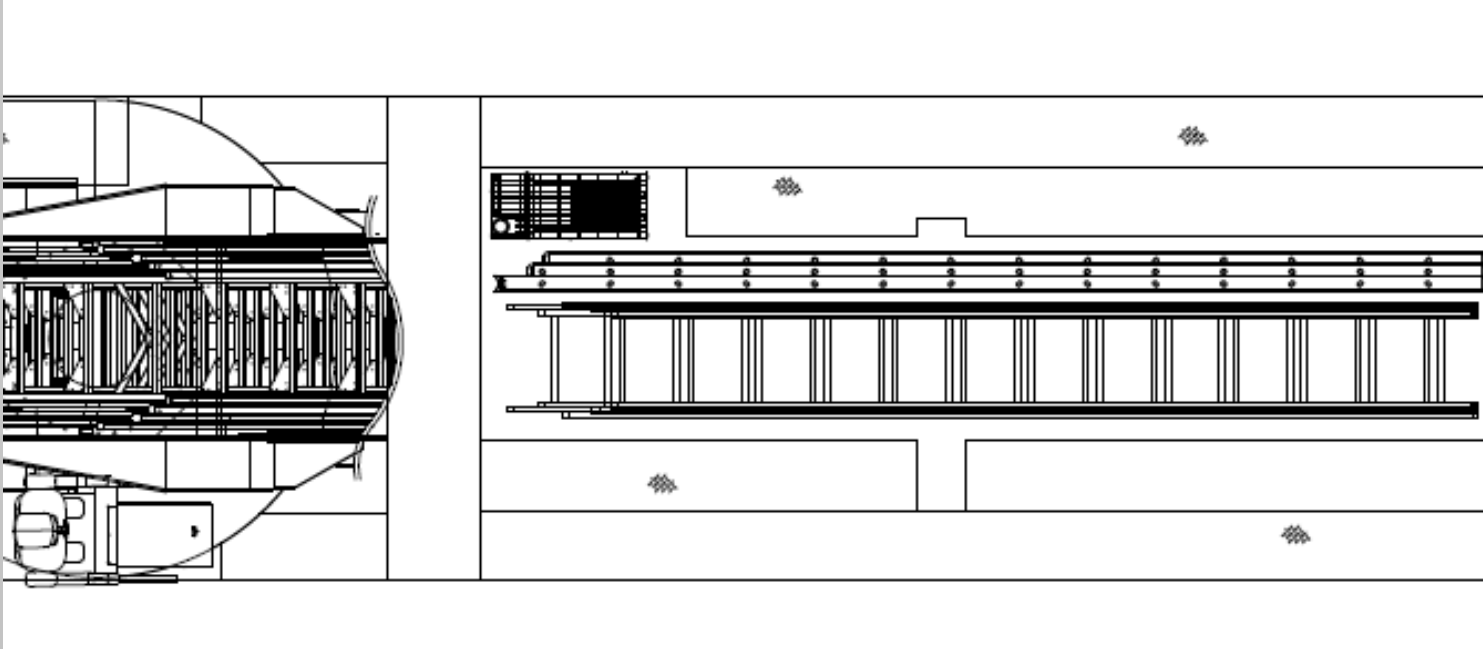
SL100
BODY: LEFT HIGH - RIGHT LOW
TANK: 500 GALLONS
LADDERS: NFPA AERIAL 115'
HOSE: 1,200' OF 5"



SL100
BODY: LEFT HIGH - RIGHT LOW
TANK: 400 GALLONS
LADDERS: NFPA I.S.O. 149'
HOSE: 850' OF 5"



SL100
BODY: LEFT HIGH – RIGHT HIGH
NO PUMP, NO TANK
LADDERS: NFPA I.S.O. 149'
HOSE: NONE



SLR75 HS-6435 NASA



SLR75 HS-6272 Troy, MI



SLR75 HS-6230 Owensboro, KY



SLR75 HS-6196 Dormont, PA



SLR75 HS-6118 Demo 438



SLR75 HS-6129 Waterford, MI



SLR75 HS-6435 NASA



SLR75 HS-6118 Demo 438



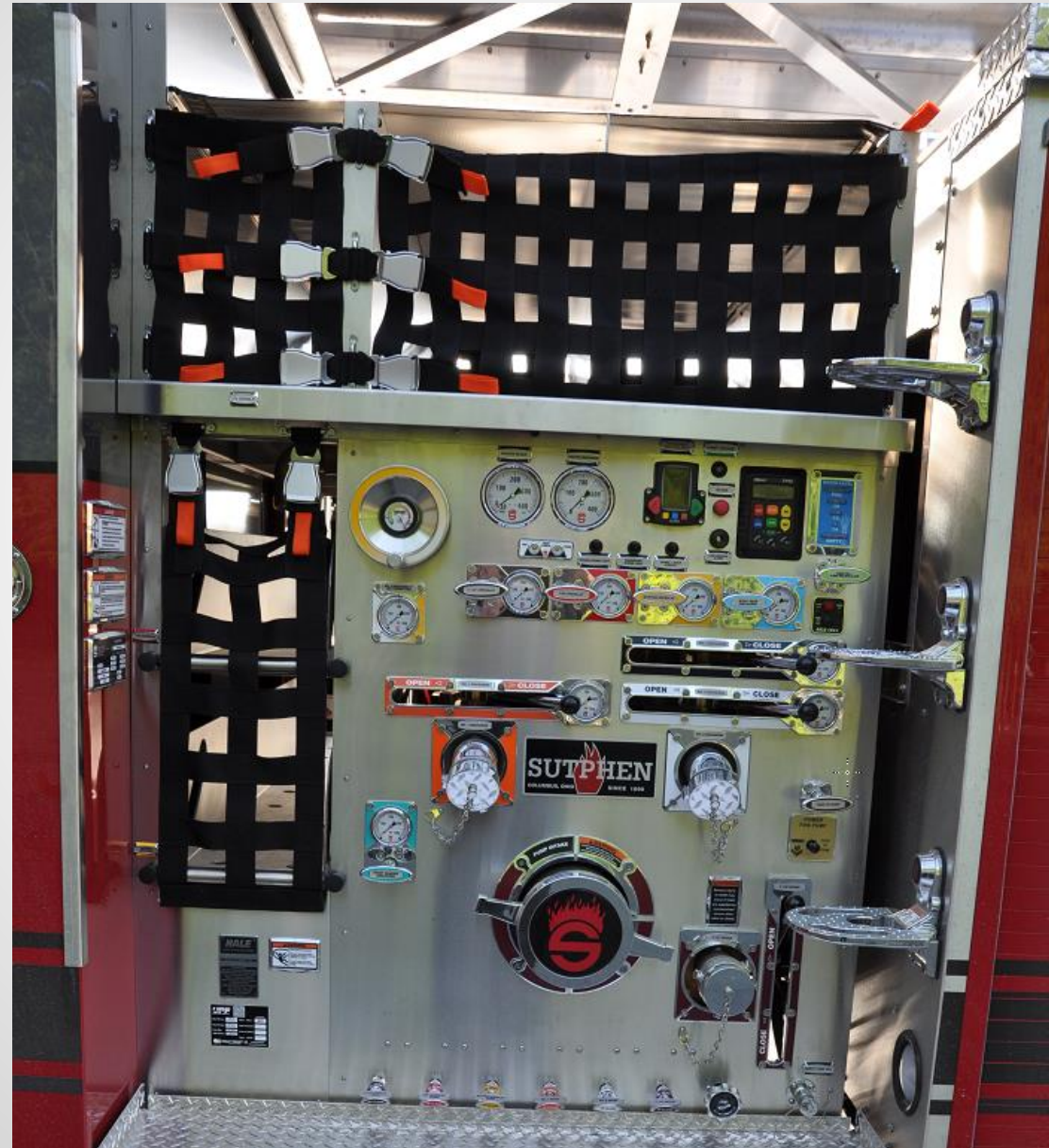
SLR75 HS-6195 Dormont, PA



SLR75 HS-6271 Troy, MI



SLR75 HS-6195 Dormont, PA



Ziamatic Electric Ladder Rack



Ziamatic Electric Ladder Rack

- Now a selectable option in SQS!



SP70 Enhanced Hydraulics

- Short Jack
- Cab and Body Crush Avoidance
- Hose Loading
- Auto-Stow
- Remote Connectivity via Bluetooth with free phone App.
- Diagnostic display screen

