

PUMPER

BODY

Long Aluminum 2nd Gen Pumper

CHASSIS

Impel Chassis

CHASSIS

AXLE, FRONT, CUSTOM

22,800 Lb TAK-4 Axle

AXLE, REAR

27,000 Lb Meritor Axle

ENGINE

450 HP Cummins L9 Engine

TRANSMISSION

Allison 6th Gen, 3000 EVS P

BUMPER

26" Extended Painted Steel

CAB

6010 Impel FR Cab

BODY

WATER TANK

750 Gallon Poly Water Tank

COMPT, PUMPER, REAR

37.75" FF RollUp Rear Compt

COMPT, PUMPER, DRIVER SIDE

161" RollUp Full Height Front & Rear FDLER

COMPT, PUMPER PASS. SIDE

161" RollUp Full Height Front & Rear FDLER

FIRE SUPPRESSION

PUMPHOUSE

52" Control Zone Side Mount

PUMP

1500 GPM Hale QMAX

CROSSLAYS, 1.50"

1.50" Crosslays Not Required

CROSSLAYS, 2.50"

2.50" Crosslay Not Required

SPEEDLAYS

(3) 1.50" W/Tray Special Capacity

GENERATOR

Harrison 6kW MCR Generator

Foam System

Foam System Not Required

Foam Cell

Foam Cell Not Required

Side Roll and Frontal Impact Protection

Technical drawing of a Pierce Pumper truck, showing side, front, and rear views with dimensions and component labels.

Side View Dimensions:

- Overall Length: 402.25 (33'-6.25") APPROX OAL
- Overall Width: 104.00
- Wheelbase: 204.50 WB
- Front Overlap: 4.00
- Engine Compartment Length: 61.00
- Engine Compartment Width: 30.00
- Engine Compartment Height: 27.13
- Engine Compartment Floor Height: 2.25
- Engine Compartment Rear Height: 3.00
- Engine Compartment Rear Width: 47.50
- Engine Compartment Rear Height: 4.00
- Engine Compartment Rear Width: 3.00
- Engine Compartment Rear Height: 3.25
- Engine Compartment Rear Width: 8.00" NFPA MIN.
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- Engine Compartment Rear Width: 8.00" NFPA MIN.
- Engine Compartment Rear Height: 3.25
- Engine Compartment Rear Width: 8.00" NFPA MIN.

Front View Dimensions:

- Overall Width: 124.00 (10'-4") APPROX O.A.H.
- Overall Height: 129.50
- Overall Width: 145.50
- Overall Height: 16.00
- Overall Width: 49.50 CLEAR
- Overall Height: 70.00

Rear View Dimensions:

- Overall Width: 104.00
- Overall Height: 104.00
- Overall Width: 60.00
- Overall Height: 2.00
- Overall Width: 13.50
- Overall Height: 52.00
- Overall Width: 1.50
- Overall Height: 75.50
- Overall Width: 31.50
- Overall Height: 35.50
- Overall Width: 41.50 FC
- Overall Height: 42.00
- Overall Width: 28.00
- Overall Height: 16.00
- Overall Width: 86.00
- Overall Height: 8.00" NFPA MIN.

Component Labels:

- (1) WHELEN M6 L.E.D. WARNING LIGHT EACH SIDE
- (1) WHELEN PIONEER L.E.D. SCENE LIGHT EACH SIDE
- (1) WHELEN W10NSMC* L.E.D. WARNING LIGHT EACH SIDE
- (1) WHELEN FREEDOM IV 81" L.E.D. LIGHTBAR
- (2) WHELEN M6 L.E.D. WARNING LIGHTS IN A COMMON BEZEL EACH SIDE
- (1) FEDERAL Q2B SIREN
- (3) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (2) WHELEN M6 L.E.D. WARNING LIGHTS (RECESSED)
- (1) WHELEN SA31SP SPEAKER WITH 5/STL GRILLE
- (2) HADLEY AIR HORNS
- (1) 1.50" OUTLET W/ 2.00" PIPING AND CHROME SWIVEL
- RAMCO HEATED/REMOTE CONTROL MIRRORS WITH CONVEX SECTION
- SAFETY VISION SIDE VIEW CAMERA
- CENTER HOSE TRAY FOR 150' OF 1.75" HOSE
- (1) H1VIZ FT-B-72 SCENE LIGHT EACH SIDE
- (2) WHELEN PF8P12C L.E.D. DECK LIGHTS
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT RECESSED W/5/STL TRIM
- (2) WHELEN L31HREN L.E.D. WARNING LIGHTS
- (2) WHELEN M6 L.E.D. SCENE LIGHTS
- (1) 2.50" OUTLET W/ 3.00" PIPING
- 5.00" REAR INLET WITH 4.00" PIPING AND 4.00" STORZ ELBOW
- (1) CUP SWITCH FOR REAR WORK LIGHTS
- (1) CUP SWITCH FOR REAR SCENE LIGHTS
- (2) WHELEN M6 L.E.D. WARNING LIGHTS STOP/TAI LIGHTS DIRECTIONAL LIGHTS BACK-UP LIGHTS MOUNTED IN WHELEN M6 PIERCE BEZELS
- (2) HOSE BED DIVIDERS
- SAFETY VISION REAR VIEW CAMERA (RECESSED)
- DUO-SAFETY LADDER STORAGE (1) 24' 2-SECTION 900A (1) 14' ROOF 775A (1) 10' FOLDING 585A (2) NY PIKE POLE TUBES

HOSEBED CAPACITY:

- BED 1: 200' OF 2.50" D.J. POLY HOSE
- BED 2: 1200' OF 5.00" D.J. POLY HOSE
- BED 3: 200' OF 3.00" D.J. POLY HOSE

Dimensions:

- 10.25
- 45.50
- 12.25
- 15.00
- 24.00
- 1.75
- 4.00
- 23.50
- 21.50
- 55.25
- 42.25
- 36.00
- 37.75
- 14.00
- 68.00
- 14.00
- 28.00
- 40.00
- 28.00
- 96.00
- 87.00
- 72.00
- 5'-7"

NOTE DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR DEVIATIONS AS MAY OCCUR OR BE NECESSARY IN CONSTRUCTION. MINOR DETAILS NOT SHOWN.	1. FEDERAL RUMBLER-3 AUXILIARY SIREN LOCATED PER SHOP ORDER 2. SHORELINE RECEPTACLE WITH KUSSMAUL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF THE CAB 3. AIR INLET WITH DISCONNECT COUPLING IN THE DRIVER SIDE PUMP PANEL 4. BATTERY CHARGER LOCATED BEHIND DRIVERS SEAT 5. BATTERY CHARGE INDICATOR LOCATED NEAR DRIVER SEAT RISER WITH BRACKET 6. FOUR ADJUSTABLE SHELVES LOCATED PER SHOP ORDER 7. THREE FLOOR MOUNTED SLIDE-OUT TRAY LOCATED PER SHOP ORDER 8. PAC TRAC LOCATED PER SHOP ORDER 9. CIRCUIT BREAKER PANEL LOCATED PER SHOP ORDER 10. HANNAY CORD REEL MODEL E1618-17-18 LOCATED PERSHOP ORDER WITH 200' OF 10/3 CABLE											
					CHASSIS DATA	TITLE	Pierce Pumper Approval Drawing				JOB NO.	38369 01-02
					MAKE		-				SCALE	1:24 DATE
					PIERCE	FOR	Pasadena VFD				DRAWN BY	MMF 09MAR23
					MODEL		-				CHECKED BY	COL 14MAR23
					IMPEL	DWG NO.	38369AD				SHEET SIZE	SHEET NO. 1 OF 1
					REV	DATE						
					BY	CH						

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