

PUMPER
BODY

Long Aluminum 2nd Gen Pumper

CHASSIS

Velocity Chassis (Big Block)

CHASSIS

AXLE, FRONT, CUSTOM

21,500 Lb Meritor Axle

AXLE, REAR

27,000 Lb Meritor Axle

ENGINE

500 HP Cummins X12 Engine

TRANSMISSION

Allison 5th Gen, 4000 EVS P

BUMPER

19" Extended Pointed Underslung

CAB

7010 Velocity FR Cab

BODY

WATER TANK

750 Gallon New York Style Water Tank

COMPT, PUMPER, REAR

30.75" FF RollUp Rear Compt

COMPT, PUMPER, LEFT SIDE

161" RollUp Full Height Front & Rear FDLER

COMPT, PUMPER, RIGHT SIDE

161" RollUp Full Height Front & Rear FDLER

FIRE SUPPRESSION

PUMPHOUSE

48" Control Zone Side Mount

PUMP

1750 GPM Waterous CSU

CROSSLAYS, 1.50"

(2) 1.50" Standard Capacity

CROSSLAYS, 2.50"

(1) 2.50" Standard Capacity

SPEEDLAYS

SpeedLays Not Required

GENERATOR

6KW MCR

Foam System

Foam System Not Required

Foam Cell

Foam Cell Not Required

Side Roll and Frontal Impact Protection

NOTE
DIMENSIONS SHOWN ARE APPROXIMATE
AND ARE SUBJECT TO MINOR DEVIATIONS
AS MAY OCCUR OR BE NECESSARY IN
CONSTRUCTION.
MINOR DETAILS NOT SHOWN.

- 1. TWO 2.50 OUTLETS WITH 2.50 PIPING AND SWIVEL LOCATED ON TOP BUMPER RIGHT SIDE AND LEFT SIDE
- 2. SHORELINE RECEPTACLE WITH KUSSMAUL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE CAB CORNER
- 3. AIR INLET WITH DISCONNECT COUPLING IN THE DRIVER SIDE STEPWELL
- 4. BATTERY CHARGER LOCATED IN COMPARTMENT PER SHOP ORDER
- 5. BATTERY CHARGE INDICATOR LOCATED DRIVER SIDE CAB
- 6. FOUR ADJUSTABLE SHELVES IN COMPARTMENTS PER SHOP ORDER
- 7. ONE FLOOR MOUNTED SLIDE-OUT TRAY IN COMPARTMENT PER SHOP ORDER
- 8. AUTOMATIC TIRE CHAINS

Technical drawings of the fire truck including side, top, and front views with dimensions and callouts.

Side View Dimensions: Overall length 124.00 (10'-4") APPROX O.A.H., wheelbase 197.00 WB, overall width 86.00, ground clearance 8.00" NFPA MIN. Callouts include RS2, RS3, RS1, RS4, LS4, and a running board hose trough for 100' of 1.50" hose.

Top View Dimensions: Overall length 383.75 (31'-11.75") APPROX OAL, wheelbase 197.00 WB, overall width 86.00, ground clearance 8.00" NFPA MIN. Callouts include RS2, RS3, RS1, RS4, LS4, and a running board hose trough for 25' of 5.00" hose.

Front View Dimensions: Overall width 86.00, wheelbase 197.00 WB, ground clearance 8.00" NFPA MIN. Callouts include RS2, RS3, RS1, RS4, LS4, and a running board hose trough for 25' of 5.00" hose.

Front view of the fire truck with callouts for lighting and horn specifications.

Callouts include: (1) WHELEN PIONEER L.E.D. VISOR LIGHT, WHELEN FREEDOM IV 72" L.E.D. LIGHTBAR, RETRAC HEATED/REMOTE CONTROL MIRRORS WITH CONVEX SECTION, (2) WHELEN M6 L.E.D. WARNING LIGHTS IN A COMMON BEZEL EACH SIDE, (1) FEDERAL Q2B SIREN NOTCHED, (2) GROVER AIR HORNS, (2) WHELEN SA315P SPEAKERS WITH 5/STL GRILLE, and CENTER HOSE TRAY FOR 200' OF 1.75" HOSE.

HOSEBED CAPACITY	
BED 1	1000' OF 5.00" D.J. POLY HOSE
BED 2	1000' OF 3.00" D.J. POLY HOSE

Rear view of the fire truck with callouts for hose bed and rear view camera specifications.

Callouts include: (1) HOSE BED DIVIDER, (2) WHELEN M9 WARNING LIGHTS, DUO-SAFETY LADDER STORAGE (1) 24' 2-SECTION 900A, (1) 14" ROOF 775A, (1) 10" FOLDING 585A, (2) ALUMINUM PIKE POLE TUBES, PIERCE REAR VIEW CAMERA WITH 4-WAY GUARD, (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT, (2) WHELEN PIONEER L.E.D. SCENE LIGHTS EACH SIDE, (1) WHELEN M9 WARNING LIGHT EACH SIDE, (2) WHELEN PIONEER L.E.D. SCENE LIGHTS, (1) 2.50" OUTLET, (1) CUP SWITCH FOR HOSEBED LIGHTS, (2) WHELEN M6 L.E.D. WARNING LIGHTS STOP/TAIL LIGHTS DIRECTIONAL LIGHTS BACK-UP LIGHTS MOUNTED IN WHELEN M6 PIERCE BEZELS, and dimensions for the hose bed and rear view camera.

CUSTOMER APPROVAL				Pierce MANUFACTURING INC.		JOB NO.	37625 01-02
APPROVED BY: _____						SCALE	1:24
DATE: _____						DATE	DATE
				TITLE	Pierce Pumper Approval Drawing	DRAWN BY	MMF
				FOR	Kingsport Fire Department	CHECKED BY	COL
				DWG NO.	37625AD	SHEET SIZE	D
						SHEET NO.	1 OF 1

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