

PUMPER

BODY

Medium Aluminum 2nd Gen Pumper

CHASSIS

Impel Chassis

CHASSIS

AXLE, FRONT, CUSTOM

19,500 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

19" Extended Painted Steel

CAB

7010 Impel FR Cab

BODY

WATER TANK

750 Gallon Poly Water Tank

COMPT, PUMPER, REAR

44.50" FF RollUp Rear Compt

COMPT, PUMPER, LEFT SIDE

152" RollUp Full Height & Depth Front & Rear

COMPT, PUMPER, RIGHT SIDE

152" RollUp Full Height & Depth Front & Rear

FIRE SUPPRESSION

PUMPHOUSE

45" Control Zone Side Mount

PUMP

1500 GPM Waterous CSU

CROSSLAYS, 1.50"

(2) 1.50" Standard Capacity

CROSSLAYS, 2.50"

2.50" Crosslay Not Required

SPEEDLAYS

Speedlays Not Required

GENERATOR

Honda EM5000 Gas Generator

Foam System

Husky 12 Single Agent Foam System

Foam Cell

25 Gallon Foam Cell, Not Reduced Water

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. ONE 1.50 OUTLET WITH 2.00 PIPING AND SWIVEL LOCATED IN CENTER BUMPER TRAY

2. SHORELINE RECEPTACLE WITH KUSHMAUL SUPER AUTO-EJECT LOCATED IN DRIVERS TRAY

3. BATTERY CHARGER LOCATED IN COMPARTMENT PER SHOP ORDER

4. BATTERY CHARGE INDICATOR LOCATED NEAR DRIVER SEAT RISER WITH BRACKET

5. THREE ADJUSTABLE SHELVES LOCATED PER ORDER

6. FOUR FLOOR MOUNTED SLIDE-OUT TRAYS LOCATED PER ORDER

7. ONE FLOOR MOUNTED SLIDE-OUT TRAY WITH FLAY TOP LOCATED PER ORDER

8. TWO ADJUSTABLE SLIDE-OUT TRAYS LOCATED PER ORDER

9. TWO SWING-OUT TOOLBOARDS LOCATED PER ORDER

10. ALUMINUM PEGBOARD LOCATED PER ORDER

11. MOUNTING TRACKS WITH AIR BOTTLE HOLDERS LOCATED PER ORDER

12. HANNAY CORD REEL EF1618-17-18 WITH 200' OF 10/3 CABLE LOCATED IN B1

Technical drawing of a Pierce Pumper truck, showing side, front, and top views with dimensions and callouts.

Side View Dimensions:

- Overall Length: 371.25 (30'-11.25") APPROX OAL
- Overall Width: 115.00 (9'-7") APPROX O.A.H.
- Wheelbase: 184.50 WB
- Front Overlap: 97.00
- Engine Compartment: 70.00
- Water Tank: 152.00
- Rear Overlap: 16.00

Front View Dimensions:

- Overall Width: 96.00
- Water Tank: 68.00
- Engine Compartment: 40.00
- Rear Overlap: 28.00

Top View Dimensions:

- Overall Length: 136.00
- Overall Width: 70.00
- Water Tank: 122.50
- Engine Compartment: 116.50
- Rear Overlap: 27.00 CLEAR

Callouts:

- (1) FRC SPECTRA L.E.D. SCENE LIGHT WITH PUSH UP POLE EACH SIDE
- (1) WHELEN PIONEER L.E.D. VISOR LIGHT
- WHELEN FREEDOM IV 81" L.E.D. LIGHTBAR
- RETRAC HEATED/REMOTE CONTROL MIRRORS WITH CONVEX SECTION
- (2) WHELEN M6 L.E.D. WARNING LIGHTS
- (2) GROVER AIR HORNS
- (2) WHELEN SA315P SPEAKERS WITH 5/STL GRILLES
- CENTER HOSE TRAY FOR 150' OF 1.75" HOSE WITH ALUMINUM TREADPLATE COVER
- (2) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (2) WHELEN PIONEER L.E.D. SCENE LIGHTS EACH SIDE
- (4) HOSE BED DIVIDERS
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT
- (2) WHELEN L31HRN L.E.D. WARNING LIGHTS
- (2) WHELEN PIONEER L.E.D. SCENE LIGHTS
- (1) 2.50" OUTLET
- (1) CUP SWITCH FOR SIDE SCENE LIGHTS
- (1) CUP SWITCH FOR HOSE BED LIGHTING
- (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
- DUO-SAFETY LADDER STORAGE
 - (1) 24" 2-SECTION 900A
 - (1) 14" ROOF 775A
 - (1) 10" FOLDING 585A
 - (5) ALUMINUM PIKE POLE TUBES
- 8.00" NFPA MIN.
- 3.25
- 8.00" NFPA MIN.
- 17.00
- 8.00
- 17.00
- 8.25
- 2.25
- 4.00
- 3.00
- 2.25
- 27.13
- 31.50
- 35.50
- 42.00
- 28.00
- 16.00
- 66.00
- 1.50
- 45.00
- 2.00
- 70.00
- 97.00
- 184.50 WB
- 371.25 (30'-11.25") APPROX OAL
- 61.00
- 30.00
- 51.00
- 64.75
- 47.50
- 31.50
- 35.50
- 42.00
- 28.00
- 16.00
- 66.00
- 1.50
- 45.00
- 2.00
- 70.00
- 97.00
- 184.50 WB
- 371.25 (30'-11.25") APPROX OAL
- 61.00
- 30.00
- 51.00
- 64.75
- 47.50
- 31.50
- 35.50
- 42.00
- 28.00
- 16.00
- 66.00
- 1.50
- 45.00
- 2.00
- 70.00
- 97.00
- 184.50 WB
- 371.25 (30'-11.25") APPROX OAL

CUSTOMER APPROVAL				Pierce MANUFACTURING INC.		JOB NO.	38337 01-02
APPROVED BY: _____						SCALE	1:24
DATE: _____						DATE	
				TITLE	Pierce Pumper Approval Drawing	DRAWN BY	MMF
				FOR	Mansfield Fire Department	CHECKED BY	COL
				DWG NO.	38337AD	SHEET SIZE	D
						SHEET NO.	1 OF 1

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