

PUMPER

BODY

Long Aluminum 2nd Gen Pumper

CHASSIS

Impel Chassis

CHASSIS

AXLE, FRONT, CUSTOM

19,500 Lb Meritor Axle

AXLE, REAR

27,000 Lb Meritor Axle

ENGINE

450 HP Cummins L9 Engine

TRANSMISSION

Allison 5th Gen, 3000 EVS P

BUMPER

22" Extended Painted Steel

CAB

7010 Impel FR Cab

BODY

WATER TANK

1000 Gallon Poly Water Tank

COMPT, PUMPER, REAR

44.50" 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

45" Control Zone Top Mount

PUMP

1500 GPM Waterous CSU

CROSSLAYS, 1.50"

1.50" CrossLays Not Required

CROSSLAYS, 2.50"

2.50" CrossLay Not Required

SPEEDLAYS

(2) 1.50" W/Tray Special Capacity

(1) 2.50" W/Tray Special Capacity

GENERATOR

Generator Not Required

Foam System

External Foam System

Foam Cell

30 Gallon Foam Cell, Not Reduced Water

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

2. SHORELINE RECEPTACLE WITH BLUESEA SURE-EJECT LOCATED ON DRIVER SIDE OF THE CAB

3. AIR INLET/OUTLET WITH DISCONNECT COUPLING IN THE DRIVER SIDE PUMP PANEL

4. BATTERY CHARGER/AIR COMPRESSOR LOCATED BEHIND DRIVER'S SEAT

5. BATTERY CHARGE INDICATOR LOCATED ON DRIVER'S SIDE OF THE CAB

6. SIX ADJUSTABLE SHELVES LOCATED PER SHOP ORDER

7. FOUR FLOOR MOUNTED SLIDE-OUT TRAYS LOCATED PER SHOP ORDER

8. ONE SWING-OUT TOOLBOARD LOCATED PER SHOP ORDER

9. ONE 120V DUPLEX RECEPTACLE LOCATED PER SHOP ORDER

10. FEDERAL RUMBLER SIREN LOCATED BEHIND BUMPER

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

Side View Labels:

- (1) WHELEN PSTANK L.E.D. WATER LEVEL INDICATING LIGHT EACH SIDE
- PIERCE REAR VIEW CAMERA EACH SIDE
- 120.00 (10'-0") APPROX O.A.H.
- (2) WHELEN 125M L.E.D. WARNING LIGHTS EACH SIDE
- WHELEN FREEDOM IV 81" L.E.D. LIGHTBAR
- RETRAC HEATED/REMOTE CONTROL MIRRORS WITH CONVEX SECTION
- (1) WHELEN M6 L.E.D. WARNING LIGHT AND (1) WHELEN 6RB L.E.D. WARNING LIGHT IN A COMMON BEZEL EACH SIDE
- (1) FEDERAL Q28 SIREN
- (3) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (1) H1V1Z FT-MB-72 L.E.D. VISOR LIGHT
- (2) GROVER AIR HORNS
- (1) WHELEN SA315P SPEAKER WITH 5/STL GRILLE
- CENTER HOSE TRAY FOR 150' OF 1.75" HOSE

Top View Labels:

- (3) WHELEN PIONEER L.E.D. SCENE LIGHTS EACH SIDE
- (2) WHELEN M9 L.E.D. WARNING LIGHTS EACH SIDE
- (1) 2.50" OUTLET
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT RECESSED W/ 5/STL TRIM
- (2) WHELEN M9 L.E.D. WARNING LIGHTS
- (2) WHELEN PIONEER L.E.D. SCENE LIGHTS
- (1) CUPSWITCH FOR LEFT 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/TAIL LIGHTS DIRECTIONAL LIGHTS BACK-UP LIGHTS MOUNTED IN WHELEN M6 PIERCE BEZELS
- (1) 2.50" TANK FILL
- DUO-SAFETY LADDER STORAGE (1) 24" 2-SECTION 900A (1) 14" ROOF 775A (1) 10" FOLDING 585A (3) ALUMINUM PIKE POLE TUBES
- (1) CUPSWITCH FOR RIGHT SIDE SCENE LIGHTS

Dimensions:

- Overall Length: 420.75 (35' - 0.75") APPROX OAL
- Overall Width: 86.00
- Overall Height: 120.00 (10'-0") APPROX O.A.H.
- Wheelbase: 231.00 WB
- Front Overlap: 10.75
- Front Overlap: 17.00
- Front Overlap: 23.00
- Front Overlap: 27.13
- Front Overlap: 31.50
- Front Overlap: 35.50
- Front Overlap: 42.00
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- Front Overlap: 56.75
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		SCALE	DATE
		1:24	
		DRAWN BY	20MAY21
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		CHECKED BY	20MAY21
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		SHEET SIZE	SHEET NO.
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