

PUMPER

BODY

Long Aluminum 2nd Gen Pumper

CHASSIS

Arrow XT 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 5th Gen, 3000 EVS P

BUMPER

19" Extended Stainless Steel

CAB

6710 Arrow XT Cab

BODY

WATER TANK

750 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 Side Mount

PUMP

1750 GPM Hale QMAX-175

CROSSLAYS, 1.50"

(2) 1.50" Standard Capacity

CROSSLAYS, 2.50"

(1) 2.50" Standard Capacity

SPEEDLAYS

Speedlays Not Required

GENERATOR

Generator Not Required

Foam System

Husky 12 Single Agent Foam System

Foam Cell

20 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. SHORELINE RECEPTACLE WITH KUSSMAIL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF THE CAB

2. AIR INLET WITH DISCONNECT COUPLING ON DRIVERS SIDE PUMP PANEL

3. BATTERY CHARGER LOCATED IN COMPARTMENT PER SHOP ORDER

4. BATTERY CHARGE INDICATOR LOCATED DRIVER SIDE OF CAB

5. NINE ADJUSTABLE SHELVES IN COMPARTMENTS PER SHOP ORDER

6. ONE SWING-OUT TOOLBOARD IN COMPARTMENT PER SHOP ORDER

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

Side View Dimensions:

- Overall Length: 369.00 (30'-9.00") APPROX OAL
- Overall Width: 88.25
- Wheelbase: 191.00 WB
- Front Overlap: 8.25
- Front Overlap: 7.75
- Front Overlap: 9.75
- Front Overlap: 8.00
- Front Overlap: 17.00
- Front Overlap: 79.25
- Front Overlap: 20.00
- Front Overlap: 2.00
- Front Overlap: 45.00
- Front Overlap: 1.50
- Front Overlap: 75.50
- Front Overlap: 31.50
- Front Overlap: 35.50
- Front Overlap: 42.00
- Front Overlap: 28.00
- Front Overlap: 16.00
- Front Overlap: 86.00
- Front Overlap: 3.00
- Front Overlap: 47.50
- Front Overlap: 64.75
- Front Overlap: 61.00
- Front Overlap: 30.00
- Front Overlap: 38.50
- Front Overlap: 41.00
- Front Overlap: 2.25
- Front Overlap: 27.13
- Front Overlap: 8.00" NFPA MIN.
- Front Overlap: 8.00" NFPA MIN.
- Front Overlap: 3.25
- Front Overlap: 4.00
- Front Overlap: 16.00
- Front Overlap: 129.50
- Front Overlap: 16.00
- Front Overlap: 19.25
- Front Overlap: 16.75 CLEAR
- Front Overlap: 20.00
- Front Overlap: 122.00 (10'-2") APPROX O.A.H.

Front View Dimensions:

- Overall Width: 88.25
- Overall Height: 122.00 (10'-2") APPROX O.A.H.
- Front Overlap: 8.25
- Front Overlap: 7.75
- Front Overlap: 9.75
- Front Overlap: 8.00
- Front Overlap: 17.00
- Front Overlap: 79.25
- Front Overlap: 20.00
- Front Overlap: 2.00
- Front Overlap: 45.00
- Front Overlap: 1.50
- Front Overlap: 75.50
- Front Overlap: 31.50
- Front Overlap: 35.50
- Front Overlap: 42.00
- Front Overlap: 28.00
- Front Overlap: 16.00
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- Front Overlap: 129.50
- Front Overlap: 16.00
- Front Overlap: 19.25
- Front Overlap: 16.75 CLEAR
- Front Overlap: 20.00
- Front Overlap: 122.00 (10'-2") APPROX O.A.H.

Rear View Dimensions:

- Overall Width: 88.25
- Overall Height: 122.00 (10'-2") APPROX O.A.H.
- Front Overlap: 8.25
- Front Overlap: 7.75
- Front Overlap: 9.75
- Front Overlap: 8.00
- Front Overlap: 17.00
- Front Overlap: 79.25
- Front Overlap: 20.00
- Front Overlap: 2.00
- Front Overlap: 45.00
- Front Overlap: 1.50
- Front Overlap: 75.50
- Front Overlap: 31.50
- Front Overlap: 35.50
- Front Overlap: 42.00
- Front Overlap: 28.00
- Front Overlap: 16.00
- Front Overlap: 86.00
- Front Overlap: 3.00
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- Front Overlap: 4.00
- Front Overlap: 16.00
- Front Overlap: 129.50
- Front Overlap: 16.00
- Front Overlap: 19.25
- Front Overlap: 16.75 CLEAR
- Front Overlap: 20.00
- Front Overlap: 122.00 (10'-2") APPROX O.A.H.

Callouts:

- (1) FIRE RESEARCH SPECTRA 12W L.E.D. PUSH UP LIGHT EACH SIDE
- (1) WHELEN PIONEER L.E.D. VISOR LIGHT
- (1) 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
- (3) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (2) HADLEY AIR HORNS
- (1) WHELEN SA315P SPEAKER WITH 5/STL GRILLE
- CENTER HOSE TRAY FOR 125' OF 1.75" HOSE
- HOSEBED CAPACITY
- BED 1
- 500' OF 3.00" D.J. POLY HOSE
- BED 2
- 1000' OF 5.00" D.J. POLY HOSE
- BED 3
- 500' OF 3.00" D.J. POLY HOSE
- (2) HOSE BED DIVIDERS
- (2) WHELEN PFBP12C L.E.D. DECK LIGHTS
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT
- (2) WHELEN ROTA-BEAM R316RF L.E.D. WARNING LIGHTS
- (1) 2.50" OUTLET
- (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
- (3) ALUMINUM PIKE POLE TUBES
- 5'-7"

 MANUFACTURING INC.		JOB NO.	35858
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		CHASSIS DATA		TITLE	Pierce Pumper Approval Drawing
		MAKE		FOR	-
		PIERCE			City of Loudon Fire Department
		MODEL		DWG NO.	35858AD
		ARROW XT			

		REV		DATE	BY	CH
		18DEC20		MMF	MMF	
		13NOV20		MMF	COL	

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