

PUMPER

BODY

Long Aluminum 2nd Gen Pumper

CHASSIS

Enforcer Chassis

CHASSIS

AXLE, FRONT, CUSTOM

20,000 Lb Meritor Axle

AXLE, REAR

27,000 Lb Meritor Axle

ENGINE

455 HP Cummins X12 Engine

TRANSMISSION

Allison 6th Gen, 4000 EVS P

BUMPER

26" Extended Steel Underslung

CAB

7010 Enforcer 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 & Depth Front & Rear

FIRE SUPPRESSION

PUMPHOUSE

45" Control Zone Side 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/Troy Std. Capacity

GENERATOR

Generator Not Required

Foam System

Husky 3 Single Agent Foam System

Foam Cell

25 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 FAR LEFT SIDE OF BUMPER CROSSLAY.

2. SHORELINE RECEPTACLE WITH KUSMALL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF THE CAB

3. AIR INLET WITH DISCONNECT COUPLING IN THE DRIVER SIDE STEPWELL

4. BATTERY CHARGER LOCATED PER ORDER

5. BATTERY CHARGE INDICATOR LOCATED ON THE DRIVER SIDE STEP WELL

6. FOUR ADJUSTABLE SHELVES LOCATED PER ORDER

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

8. TWO TILT/SLIDE-OUT TRAYS LOCATED PER SHOP ORDER

9. TWO ADJUSTABLE SHELVES WITH SPECIAL SIDE HEIGHTS LOCATED PER ORDER

10. TWO SWING-OUT TOOLBOARDS LOCATED PER SHOP ORDER

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

Side View Dimensions:

- Overall Length: 401.25 (33'-5.25") APPROX OAL
- Overall Width: 8.00
- Wheelbase: 207.50 WB
- Front Overlap: 4.75
- Front Fender: 16.00
- Front Wheel: 27.13
- Front Wheel Offset: 2.25
- Front Wheelbase: 41.00
- Front Wheel Offset: 3.25
- Front Wheelbase: 42.00
- Front Wheel Offset: 16.00
- Front Wheelbase: 86.00
- Front Wheel Offset: 31.50
- Front Wheel Offset: 35.50
- Front Wheel Offset: 41.50 FC
- Front Wheel Offset: 42.00
- Front Wheel Offset: 28.00
- Front Wheel Offset: 16.00
- Front Wheel Offset: 8.00

Front View Dimensions:

- Overall Width: 8.00
- Front Wheel: 27.13
- Front Wheel Offset: 2.25
- Front Wheelbase: 41.00
- Front Wheel Offset: 3.25
- Front Wheelbase: 42.00
- Front Wheel Offset: 16.00
- Front Wheelbase: 86.00
- Front Wheel Offset: 31.50
- Front Wheel Offset: 35.50
- Front Wheel Offset: 41.50 FC
- Front Wheel Offset: 42.00
- Front Wheel Offset: 28.00
- Front Wheel Offset: 16.00
- Front Wheel Offset: 8.00

Rear View Dimensions:

- Overall Width: 8.00
- Rear Wheel: 27.13
- Rear Wheel Offset: 2.25
- Rear Wheelbase: 41.00
- Rear Wheel Offset: 3.25
- Rear Wheelbase: 42.00
- Rear Wheel Offset: 16.00
- Rear Wheelbase: 86.00
- Rear Wheel Offset: 31.50
- Rear Wheel Offset: 35.50
- Rear Wheel Offset: 41.50 FC
- Rear Wheel Offset: 42.00
- Rear Wheel Offset: 28.00
- Rear Wheel Offset: 16.00
- Rear Wheel Offset: 8.00

Component Labels:

- COMPARTMENT FOR: (2) BACKBOARDS CTF (74"X18"X2")
- (1) WHELEN PIONEER SCENE LIGHT EACH SIDE
- WHELEN FREEDOM IV 72" L.E.D. LIGHTBAR
- RETRAC HEATED/REMOTE CONTROL MIRRORS WITH CONVEX SECTION
- K-10 EYEBALL 8" CROSSVIEW MIRROR
- (1) WHELEN M6 L.E.D. WARNING LIGHT
- (1) WHELEN M62T L.E.D. DIRECTIONAL LIGHT IN A COMMON BEZEL EACH SIDE
- (1) FEDERAL Q28 SIREN (RECESSED)
- HOSE TRAY FOR 100' OF 1.75" HOSE AND 150' OF 2.00" DEADLAY WITH 4-WAY COVER
- (3) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- PIERCE SIDE VIEW CAMERA
- STIRRUP SWITCH FOR HOSE REEL
- HANNAY BOOSTER REEL (EF32-21-22-8) FOR 200' OF 1.00" BOOSTER HOSE
- (1) WHELEN PIONEER L.E.D. VISOR LIGHT
- (1) FEDERAL E5100C SPEAKER WITH STAINLESS STEEL ESFMT-EF GRILL
- (2) HADLEY RECTANGULAR BELL AIR HORNS
- HOSEBED CAPACITY
- (2) WHELEN PFBP12C DECK LIGHTS
- (2) WHELEN L31HRN L.E.D. WARNING LIGHTS
- DUO-SAFETY LADDER STORAGE
- (1) 24" 2-SECTION 900A
- (1) 14" ROOF 775A
- (1) 10" FOLDING 585A
- (1) 6" PIKE POLE
- (1) 10" PIKE POLE
- (2) ALUMINUM PIKE POLE TUBES
- (1) CUP SWITCH FOR REAR SCENE LIGHTS
- (1) CUP SWITCH FOR REAR DECK LIGHTS
- (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
- (3) 0.25" HOSE BED DIVIDERS
- (1) 2.50" OUTLET
- (2) WHELEN M9 WARNING LIGHTS
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT (RECESSED IN ALUMINUM TREADPLATE STEP)
- (2) WHELEN M62C SCENE LIGHTS
- PIERCE REAR VIEW CAMERA

HOSEBED CAPACITY	
BED 1	1100' OF 5.00" D.J. POLY HOSE
BED 2	600' OF 3.00" D.J. POLY HOSE
BED 3	200' OF 2.50" D.J. POLY HOSE
BED 4	250' OF 2.50" D.J. POLY HOSE

Detailed side view of the pump house and hose bed area with dimensions and labels.

Dimensions:

- Overall Length: 40.25
- Overall Width: 17.00
- Overall Height: 21.00
- Overall Depth: 93.00
- Overall Width: 72.00
- Overall Depth: 5'-7"
- Overall Width: 14.00
- Overall Depth: 68.00
- Overall Width: 40.00
- Overall Depth: 28.00
- Overall Width: 96.00

Labels:

- (1) WHELEN M9 L.E.D. WARNING LIGHT EACH SIDE
- (1) WHELEN M9 L.E.D. WARNING LIGHTS
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT (RECESSED IN ALUMINUM TREADPLATE STEP)
- (2) WHELEN M62C SCENE LIGHTS
- PIERCE REAR VIEW CAMERA

Pierce MANUFACTURING INC.		JOB NO.	39561 01-02
		SCALE	1:24
		DATE	
		DRAWN BY	JJB
		28SEP23	
		CHECKED BY	MMF
		100CT23	
		SHEET SIZE	D
		SHEET NO.	1 OF 1

31JUL24	JJB	ZWE	CHASSIS
15MAY24	JJB	ZWE	DATA
17APR24	JJB	ZWE	MAKE
23FEB24	JJB	ZWE	PIERCE
04JAN24	JJB	ZWE	MODEL
REV	DATE	BY	CH
ENFORCER			

TITLE	Pierce Pumper Approval Drawing
FOR	Lakeland Fire Department
DWG NO.	39561 AD

View File Created 31-JUL-2024 09:10:31