

PUMPER  
BODY

Long Aluminum 2nd Gen Pumper

CHASSIS  
Impel Chassis

CHASSIS  
AXLE, FRONT, CUSTOM

19,500 Lb TAK-4 Axle

AXLE, REAR

24,000 Lb Meritor Axle

ENGINE

450 HP Cummins L9 Engine

TRANSMISSION

Allison 6th Gen, 3000 EVS PR

BUMPER

19" Extended Painted Steel

CAB

7010 Enforcer Cab

BODY  
WATER TANK

750 Gallon Water Tank

COMPT, PUMPER, REAR

51.25" 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

1500 GPM Waterous CSU

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

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. AIR INLET/OUTLET WITH DISCONNECT COUPLING ON DRIVER SIDE PUMP PANEL  
2. BATTERY CHARGER LOCATED IN COMPARTMENT PER SHOP ORDER  
3. BATTERY CHARGE INDICATOR LOCATED NEAR DRIVER SEAT RISER WITH BRACKET  
4. ZIAMATIC SAC-44-E WHEEL CHOCKS AND BRACKETS MOUNTED UNDER DS FORWARD COMPARTMENT

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

Side View Labels:

- 117.50 (9'-10") APPROX O.A.H.
- (2) WHELEN W10NSMC L.E.D. WARNING LIGHTS EACH SIDE
- FREE FLOATING RUNNING BOARD HOSE TRAY FOR 25' OF 4.00" HOSE EACH SIDE
- PIERCE SIDE VIEW CAMERA EACH SIDE
- DUAL STIRRUP STEPS EACH SIDE
- (3) WHELEN M6 L.E.D. WARNING LIGHT EACH SIDE

Top View Labels:

- 129.50
- 16.00
- 19.75 CLEAR
- 22.25
- 7.75
- 9.75
- 8.25
- 17.00
- 17.25
- 8.00
- 20.00
- 41.00
- 2.25
- 27.12 R
- 31.50
- 35.50
- 42.00
- 28.00
- 16.00
- 8.00
- 86.00
- 127.00 CA
- 197.00 WB
- 388.00 (32'-4.00") APPROX OAL
- 70.00
- 2.00
- 48.00
- 1.50
- 75.50
- 4.00
- 61.00
- 30.00
- 39.50
- 64.75
- 47.50
- 3.00

Front View Labels:

- WHELEN FREEDOM IV 81" L.E.D. LIGHTBAR
- (1) HIVIZ FT-MB-33 L.E.D. VISOR LIGHT
- RETRAC HEATED/REMOTE CONTROL MIRRORS WITH CONVEX SECTION
- (1) FEDERAL Q2B SIREN
- 19.00" PAINTED CHICAGO STYLE BUMPER EXTENSION WITH CENTER RAY FOR 100' OF 1.75" HOSE WITH ALUMINUM TREADPLATE COVER NOTCHED FOR PRECONNECTED HOSE
- (1) WHELEN SP123BMC SPEAKER
- (2) HADLEY AIR HORNS
- ROTO RAY 4000W PAR46 L.E.D. WARNING LIGHT
- (2) WHELEN M6 L.E.D. WARNING LIGHTS IN A COMMON BEZEL EACH SIDE
- (2) WHELEN 600 SERIES L.E.D. DIRECTIONAL/MARKER LIGHTS
- (1) 1.50" OUTLET WITH 2.00" PIPING AND SWIVEL

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

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HOSEBED CAPACITY

- BED 1
- 200' OF 1.75" D.J. POLY HOSE
- BED 2
- 600' OF 2.50" D.J. POLY HOSE
- BED 3
- 1000' OF 4.00" L.D.H SUPPLY HOSE

Side View Labels:

- CAB AIR CONDITIONER
- (1) HIVIZ FT-6SM L.E.D. SCENE LIGHT EACH SIDE
- WHELEN PSTANK2 L.E.D. WATER LEVEL GAUGE EACH SIDE
- HIVIZ FIRETECH FT-MB-31-TRGWA SCENE LIGHT EACH SIDE
- (1) WHELEN M6 L.E.D. WARNING LIGHT EACH SIDE
- (2) HOSE BED DIVIDERS
- WHELEN TALBS TRAFFIC DIRECTING LIGHT RECESSED WITH STAINLESS STEEL TRIM
- PIERCE BACK UP CAMERA
- (2) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (2) HIVIZ GSMJR L.E.D. SCENE LIGHTS
- (1) 2.50" OUTLET
- REAR SCENE LIGHT CUP SWITCH
- HOSEBED L.E.D CUP SWITCH
- (2) WHELEN M6 L.E.D. WARNING LIGHTS
- (2) WHELEN M6 L.E.D. STOP/TAIL LIGHTS
- (2) WHELEN M6 L.E.D. DIRECTIONAL LIGHTS
- (2) WHELEN M6 L.E.D. BACK-UP LIGHTS
- LIGHTS MOUNTED IN WHELEN M6 "PIERCE" BEZELS
- CUSTOMER TO INSTALL BLITZFIRE
- DUO-SAFETY LADDER STORAGE:
- (1) 24" 2-SECTION 900A
- (1) 14" ROOF 775A
- (1) 10" FOLDING 585A
- (2) ALUMINUM PIKE POLE TUBES

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|                    |  |         |           |
|--------------------|--|---------|-----------|
|                    |  | JOB NO. | 39444     |
| MANUFACTURING INC. |  | 01-02   |           |
| SCALE              |  | 1:24    | DATE      |
| DRAWN BY           |  | BTH     | 100CT23   |
| CHECKED BY         |  | KBO     | 100CT23   |
| SHEET SIZE         |  | D       | SHEET NO. |
|                    |  |         | 1 OF 2    |

|         |                                                     |
|---------|-----------------------------------------------------|
| TITLE   | 1500-D-750P, 750 GALLON WATER TANK, 161" FDLER BODY |
| FOR     | LADDERS BTWN TANK & GS, (3) CROSSLAYS, DELUGE       |
| DWG NO. | 39444AD-SH1                                         |

|              |          |        |
|--------------|----------|--------|
| CHASSIS DATA | MAKE     | PIERCE |
| MODEL        | IMPEL FR |        |

|         |     |     |      |    |    |
|---------|-----|-----|------|----|----|
| 06FEB24 | BTH | KBO | DATE | BY | CH |
| 14DEC23 | BST | KBO | DATE | BY | CH |

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