

PUMPER  
BODY

Long Aluminum 2nd Gen Pumper

CHASSIS

Velocity Chassis (Big Block)

CHASSIS

AXLE, FRONT, CUSTOM

22,800 Lb TAK-4 Axle

AXLE, REAR

27,000 Lb Meritor Axle

ENGINE

500 HP Cummins ISX12 Engine

TRANSMISSION

Allison 5th Gen, 4500 EVS P

BUMPER

19" Extended Painted Steel

CAB

7010 Velocity FR Cab

BODY

WATER TANK

1000 Gallon New York Style Water Tank

COMPT, PUMPER, REAR

30.75" FF RollUp Rear Compt

COMPT, PUMPER, DRIVER SIDE

161" RollUp Full Height Front & Rear FDLR

COMPT, PUMPER PASS. SIDE

161" RollUp Full Height Front & Rear FDLR

FIRE SUPPRESSION

PUMPHOUSE

45" 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

Husky 3 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. ONE 1.50 OUTLET WITH 2.00 PIPING AND SWIVEL LOCATED IN CENTER BUMPER TRAY

2. SHORELINE RECEPTACLE WITH KUSCHALL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE BUMPER EXTENSION

3. BATTERY CHARGER LOCATED IN COMPARTMENT 03

4. BATTERY CHARGE INDICATOR LOCATED IN DRIVER'S STEP AREA

5. SEVEN ADJUSTABLE SHELVES IN COMPARTMENTS PER SHOP ORDER

6. THREE FLOOR MOUNTED SLIDE-OUT TRAYS IN COMPARTMENTS PER SHOP ORDER

7. TWO SWING-OUT ALUMINUM TOOLBOARDS LOCATED PER SHOP ORDER

8. ONE CTECH ONE DRAWER ASSEMBLY LOCATED PER SHOP ORDER

9. ALUMINUM PEGBOARD LOCATED PER SHOP ORDER

10. XANTRAX INVERTER LOCATED PER SHOP ORDER

11. THREE 120V DUPLEX RECEPTACLES LOCATED PER SHOP ORDER

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

**Side View Labels:**

- (1) WHELEN PSTANK L.E.D. WATER LEVEL INDICATING LIGHT EACH SIDE
- (1) PIERCE SIDE VIEW CAMERA EACH SIDE
- (2) FRP L.E.D. LIGHTS FOR DESIGNATED WALKING AREAS
- (2) WHELEN PIONEER L.E.D. SCENE LIGHTS EACH SIDE
- 8.00" NFPA MIN.
- 130.00 (10'-10") APPROX O.A.H.
- 16.75 CLEAR
- 19.25
- 8.25 7.75 9.75
- 17.00
- 17.00
- 8.00
- 79.25
- 20.00
- 41.00
- 2.25
- 27.13
- 31.50
- 35.50
- 42.00
- 28.00
- 16.00
- 3.00
- 3.25
- 8.00" NFPA MIN.
- 75.50
- 1.50
- 45.00
- 2.00
- 70.00
- 97.00
- 5.50
- 194.00 WB
- 386.25 (32'-2.25") APPROX OAL

**Front View Labels:**

- WILL-BURT NIGHTSCAN NS2-3-600 WHL WITH (4) WHELEN PIONEER LIGHT HEADS
- (1) WHELEN PIONEER L.E.D. VISOR LIGHT
- WHELEN FREEDOM IV 72" L.E.D. LIGHTBAR
- RAMCO HEATED/REMOTE CONTROL MIRRORS WITH BOLT-ON CONVEX SECTION
- (2) WHELEN M6 L.E.D. WARNING LIGHTS IN A COMMON BEZEL EACH SIDE
- (2) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (1) FEDERAL Q2B SIREN
- (2) GROVER AIR HORNS
- (2) WHELEN SA314 SPEAKERS
- CENTER HOSE TRAY FOR 150' OF 1.75" HOSE

**Top View Labels:**

- (2) WHELEN M6 L.E.D. WARNING LIGHTS EACH SIDE
- (2) WHELEN PIONEER L.E.D. SCENE LIGHTS EACH SIDE
- 11.50
- 41.50
- 9.25
- 5.75
- 25.00
- 48.25
- 40.00
- 97.00
- 72.00
- 14.00
- 28.00
- 40.00
- 28.00
- 96.00
- 36.00
- 30.75
- 4.00
- 24.50
- 43.75
- 61.00
- 30.00
- 64.75
- 47.50
- 62.50
- 26.50
- 6.00
- 4.00

**HOSEBED CAPACITY**

|                              |
|------------------------------|
| BED 1                        |
| 200' OF 2.50" D.J. POLY HOSE |
| BED 2                        |
| 400' OF 1.75" D.J. POLY HOSE |
| BED 3                        |
| 400' OF 2.50" D.J. POLY HOSE |
| BED 4                        |
| 900' OF 5.00" D.J. POLY HOSE |

**Labels:**

- (2) HOSE BED DIVIDERS
- (2) WHELEN L31HRN L.E.D. WARNING LIGHTS
- (2) WHELEN M9 L.E.D. SCENE LIGHTS
- (1) WHELEN TAL65 L.E.D. TRAFFIC DIRECTING LIGHT RECESSED W/ S/STL TRIM
- (1) 2.50" OUTLET
- PIERCE REAR VIEW CAMERA
- (1) CUP SWITCH FOR HOSE BED LIGHTING
- (2) WHELEN M6 L.E.D. WARNING LIGHTS STOP/TAIL LIGHTS DIRECTIONAL LIGHTS BACK-UP LIGHTS MOUNTED IN WHELEN M6 PIERCE BEZELS
- TFT BLITZFIRE XX-B STORAGE BRACKET
- DUO-SAFETY LADDER STORAGE
- (1) 24" 2-SECTION 900A
- (1) 14" ROOF 775A
- (1) CTF 10" FOLDING 585A
- (1) 6" FHU RH-6
- (1) 10" FHU RH-10
- (2) PIKE POLE TUBES
- (2) 6.00 X 10" H.S.H.

|                                                                                                                 |  |            |           |
|-----------------------------------------------------------------------------------------------------------------|--|------------|-----------|
|  <b>MANUFACTURING INC.</b> |  | JOB NO.    | 32011     |
|                                                                                                                 |  | SCALE      | DATE      |
|                                                                                                                 |  | 1:24       |           |
|                                                                                                                 |  | DRAWN BY   |           |
|                                                                                                                 |  | COL        | 170CT17   |
|                                                                                                                 |  | CHECKED BY |           |
|                                                                                                                 |  | KBO        | 170CT17   |
|                                                                                                                 |  | SHEET SIZE | SHEET NO. |
|                                                                                                                 |  | D          | 1 OF 1    |

|     |      |    |    |              |         |                                |
|-----|------|----|----|--------------|---------|--------------------------------|
|     |      |    |    | CHASSIS DATA | TITLE   | Pierce Pumper Approval Drawing |
|     |      |    |    | MAKE         | FOR     | Red Wing Fire Department       |
|     |      |    |    | PIERCE       |         |                                |
|     |      |    |    | MODEL        | DWG NO. | 32011AD                        |
|     |      |    |    | VELOCITY     |         |                                |
| REV | DATE | BY | CH |              |         |                                |

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