



**LADDER TOWER**  
REV GROUP

## 93' MID MOUNT PLATFORM



### Chassis

- 2019 Spartan Gladiator
- MFD 5" Raised Roof Cab
- Spartan Advanced Protection System (APS)
- Integral Torquebox frame
- Wheelbase 235"
- 21' Severe Duty front bumper
- Engine Cummins 565 HP X15 1850 ft. lbs. Torque @1150 RPM
- Engine Compression Brake
- Transmission Allison 4000 EVS
- Front Fluid Fills
- 68 Gallon Fuel Cell
- Meritor MFS-20 23,000 lb. 48 L/ 44R degree Cramp Angle
- Meritor RT-52-185 58,000 lb.
- Goodyear Tires
- Alcoa Aluminum Wheels
- ABS/ATC/ESC w/17" Front Disc and 16.5"X7" rear S-Cam brakes
- 6 Person Seating/5 SCBA Bostrom w/IMMI Holders
- Weldon MUX Display Vista L/R Dash
- X-Duty Interior W/ Spar-Liner Medium Gray Finish

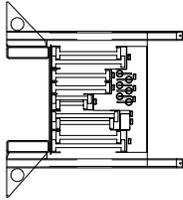
- Power Windows
- SGM Overhead A/C
- Leece - Neville 320 AMP Alternator
- Kussmaul Auto Charge battery conditioner
- FRC Spectra 950 series 12V Side Scene Lights
- Audiovox Rear/Camera System

### Body

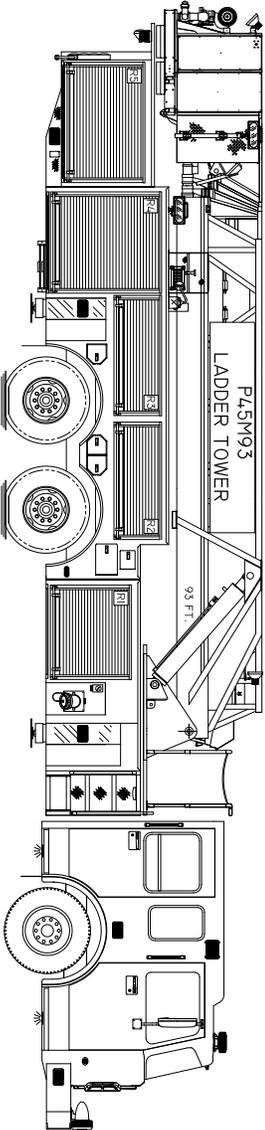
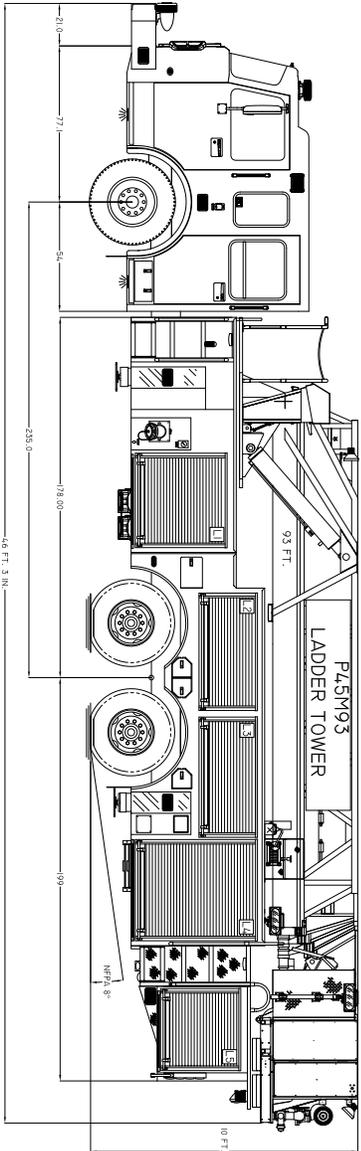
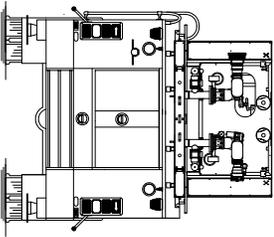
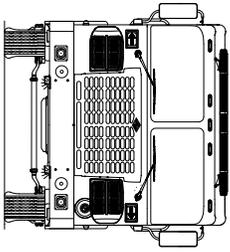
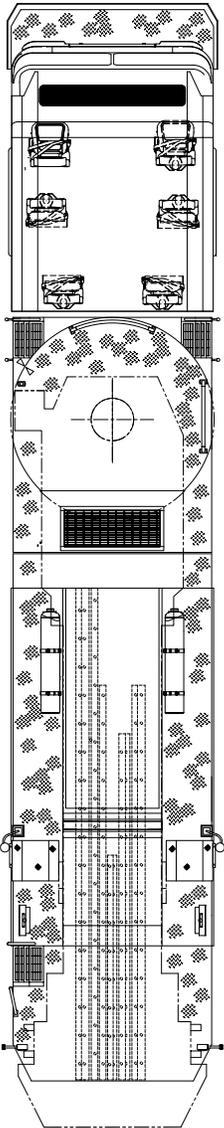
- .125" Aluminum Formed Body Construction - 98" wide
- ROM Painted Roll-Up Doors
- ROM LED Compartment Lighting
- Line - X Interior Compartment Finish
- Rear pull out storage area
- 163' Ground Ladder Package - Duo Safety
- Duo-Safety Pike Pole Package
- Harrison 10W Hydraulic Generator
- FRC Spectra MAX-S LED 120V Scene Lights
- Two (2) Hannay 200' 12/3 Cord Reels
- Whelen Upper/Lower LED Lighting Package

### Aerial

- Mid Mounted Ladder Platform with Five (5) section telescoping heavy duty aerial
- 93' Vertical Reach at 78 degrees elevation
- 88' - 6" Horizontal Reach @ 0 degrees elevation
- 1000 lbs. Dry/500lb. Wet Platform load Unrestricted
- 2000 GPM water flow capacity with dual TFT Monsoon monitors
- -10 to +78 Degrees Operation on slopes up to 10 degrees
- "H" style "out and down" outriggers; (2) 18' Front and (2) 16' Rear - Short Jack capable
- Two (2) swing down front bumper stabilizers
- Modular Platform with 29 sq/ft of working area
- Platform compartments with 7.5 cu/ft storage for equipment
- Platform lifting arms
- Rescue stokes basket holders
- Parapet ladder mounting brackets
- Cab/Body Damage Protection Interlock System
- Roof Ladder Storage in fly Section
- FRC So-Brite LED Base/Tip Lighting
- Waterway Inlet both of Body



GROUND LADDER PACKAGE



CHASSIS:	SPARTAN GLADIATOR MFD 5TRR
ENGINE:	CUMMINS ISX 500HP
TRANSMISSION:	ALLISON 4000 EUS
AXLES:	23,000 LB. FRONT / 58,000 LB. REAR
XTRUCK:	P45M-93 MID-MOUNT TOWER
WATER/FOAM:	N/A
PUMP:	N/A
FOAM SYSTEM:	N/A
GENERATOR:	HARRISON 8.0 KW

PRELIMINARY COMPARTMENT SIZES

ID.	OPENING	INTERIOR DIMENSION
L1	43.87' W X 39.35' H	49.25W X 49.25H X 23.75D
L2	55.37' W X 26.12' H	63.37W X 33.62H X 24.50D
L3	55.37' W X 26.12' H	60.37W X 33.62H X 24.50D
L4	47.75' W X 54.75' H	52.50W X 43.25H X 24.50D
L5	40.12' W X 32.25' H	42.25W X 41.25H X 23.75D
R1	43.87' W X 39.35' H	49.25W X 49.25H X 23.75D
R2	55.37' W X 26.12' H	60.37W X 33.62H X 24.50D
R3	55.37' W X 26.12' H	60.37W X 33.62H X 24.50D
R4	47.75' W X 54.75' H	52.50W X 43.25H X 24.50D
R5	60.12' W X 32.25' H	42.25W X 41.25H X 23.75D

NOTE: COMPARTMENT DIMENSIONS SHOWN ABOVE ARE FINAL DESIGN AND MODELING OF THE MFD93 BODY DESIGN.

GROUND LADDERS:  
 ONE 28 FT. 1200A 2-SECTION  
 ONE 24 FT. 900A 2-SECTION  
 ONE 20 FT. 875A ROOF  
 ONE 16 FT. 700A 2-SECTION  
 ONE 10 FT. 585A FOLDING SIX HORSE/POLES

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REV.	DATE	DESCRIPTION	WB	NAME
0	9/11/18	INITIAL DRAWING		
SCALE: NOT TO SCALE				
2018 SPARTAN LADDER TOWER CO.				
P45M93 MID-MOUNT TOWER				
TRUCK NUMBER:		DRAWING NO.		
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