

## Spartan MetroStar Chassis

### Medium Four Door Cab

- 20" Raised Roof
- Seating for 6 (5 SCBA)
- Two-Tone Paint
- Full Length Entry Doors
- 21" Front Bumper Extension
- Advanced Occupant Protection System (Air Bags, etc.)
- Heated and Remote Mirrors

### Drive Train

- Cummins L9 450HP Engine
  - Engine Brake with 3 position settings and on/off switch
  - Clutched Engine Fan
  - Heated fuel water separator
  - 2017 EPA Compliant with DEF tank and accessories
- Allison 3000 EVS Transmission
- Spicer 1710 Drive Line

### Frame/Undercarriage

- Hot Dipped Galvanized Frame and accessories to include
  - Main frame "C" channel or channels
  - Front splayed rails and fish plates
  - Cross members (excluding suspension cross members)
  - Cross member gussets
  - Fuel tank mounting brackets
  - Air tank mounting brackets
  - Exhaust mounting brackets
  - Air cleaner skid plate
  - Radiator skid plate
  - Battery supports, battery trays and battery covers
- Double Rails
- 204-inch Wheel base

### Axles/Suspension

- Meritor MFS-20 21,500-pound front axle
- Bilstein Shocks
- Nine Leaf suspension rated at 21,500 pounds
- Meritor RS-25-160 27,000-pound rear axle
- Reyco 79KB leaf suspension with capacity between 33,000 pounds
- Bilstein Shocks

### Brakes

- Anti-lock Braking, Automatic Traction Control, and Electronic Stability Control
- 16.5 x 6 drums front
- 16.5 x 8.63 drums rear

### Tires and Wheels

- Alcoa Aluminum Rims with Dura-bright Finish (all wheels)
- Stainless Steel Wheel Trim
- Wheel guards between all wheels and axles
- Michelin XZY3 tires front
- Michelin XDN2 tires rear
- OnSpot Tire Chains

### Cab Interior

- Ceiling Mounted HVAC System
- Tow defogging fans
- Xtreme Duty Interior (very little plastic or vinyl)
- Engine Tunnel Mounting Plate for Mounting Department Equipment
- H.O. Bostrom seats
- IMMI Smart Dock SCBA brackets for SCBA seats

### Chassis Electrical

- Weldon Multi-Plex system
  - Two Vista Displays one for driver and officer
- 320 Amp Alternator
- 6 925 CCA batteries
- Four aux 12volt power points ranging from 40-100 amp for charging or powering Dept supplied equipment
- Kussmaul 1200 Battery Charger
- 20-amp Super Auto Eject

### Accessories/Additional Items

- Back Up Camera
- Antenna mount and Co-ax cable
- 2-year cab and chassis warranty
- AM/FM Radio
- Lifetime frame warranty
- 10-year paint warranty (PPG Non-Prorated)
- 10-year cab structural warranty

## **TOYNE BODY**

### Pump House

- All Stainless Construction to include frame work
- Side mount panel
- Separate Module from the body and cab
- Running board hose wells

### Pump

- Waterous CSU 2000 GPM pump
- Mechanical Seals
- Three Sacrificial pump anodes
- Manual Pump Shift override from operators' station
- Trident Air Priming System

## Intakes

- Two 6" side master Intakes
- Front and rear 6" intakes
- All master intakes have electric butterfly valves behind the panel
- All master intakes equipped with Storz connection
- Left and right side 2 ½ inch aux. intake

## Plumbing and Valves

- All stainless-steel plumbing or high-pressure hose with stainless ends
- Galvanized Victaulic couplings
- Akron 8000 series valve assemblies with Akron electric controllers
- 10-year warranty on plumbing and valves

## Discharges

- One 2 ½ and One 4" discharge on the officers side panel
- Two 2 ½ discharges drivers side panel
- Two 2 ½ " hose bed discharges
- Two 1 ¾ inch pre-connected crosslays
- One (1) 2 ½ inch pre-connected crosslay
- 2 ½ inch front bumper discharge with hose well
- 3" deck gun plumbing with an Akron Deck Master electric deck gun

## Foam System

- Foam Pro 2001 "A" system
- Four foam capable discharges

## Water Tank and Foam Cell

- 1250 Gallon Water Tank
- 25-gallon foam cell
- One 2 1/2 direct tank fill
- 3-inch tank to pump line

### Toyne Body

- Hot-dipped galvanized Structural Steel sub frame with 36k psi yield strength
- 304 Bolted Brushed Stainless Body with #4 Polished Finish
- Stainless Fenderettes
- 20 year structural and corrosion warranty for sub-frame
- 15 year structural and corrosion warranty for body
- 1000-pound capacity for all compartments
- ROM Roll-Up doors
- 14" rear step

### Compartments

- Full height both sides
- 56" wide front compartments, 44" rear compartments, and 63" wide compartments over the rear wheels (33" officer's)
- 14/26" deep
- Hydraulic ladder and suction hose rack officers' side
- SCBA cylinder storage compartments in the wheel wells
- Two full height LED strip lights per compartment

### Storage Items

- 2 PAC tool boards
- 4 adjustable shelves
- 5 roll out trays
- 1 vertically hinged PAC tool board

### Body Electrical

- Same Weldon Multi-Plex System as Spartan Cab
- 12-inch LED under body strip lights
- All LED DOT and Step Lighting
- Four 110-volt duplex shoreline connections in compartments for charging
- Whelen LED Back-Up, Turn and brake lights

### 12-volt Scene Lighting

- Two (2) FRC Spectra telescoping lights
- Two Fire Research 7000 lumen LED lights on the rear of body
- Six Fire Research Spectra 20,000 lumen LED body lights
- One HiViz LED brow light

### Emergency Lighting

- Whelen 72" LED Freedom Light Bar
- Six Whelen M9 series lights upper body
- Power Arc lower level warning lights

### 110/220v Electrical

- Harrison 3.5kW hydraulic generator
- One Electric cord reel
- Generator/Shoreline transfer switch

### Audible Emergency Warning

- Federal "Q"
- Whelen 295HFS Electric Siren
- Two Grover Airhorns

### Misc. Items

- 24,14, and 10; ladder package
- Wheel Chocs
- Lettering and striping
- Delivery and training
- Mounting of Department supplied equipment

### Final Dimensions

- 33' in length
- 10'4" in height