



CHARLOTTE FIRE DEPARTMENT, NC

105' REARMOUNT LADDER

Cab & Chassis

- ▶ Spartan Gladiator EMFD Flat Roof
- ▶ ISX 12 500 HP Cummins Engine
- ▶ Allison 4000 EVS Series w/Retarder 6/6 speed
- ▶ Advanced Protection System®
- ▶ Interior Extreme Duty Interior
- ▶ Front Axle: 22,800 lbs. Rear Axle: 54,000 lbs.
- ▶ 24" Front Bumper Extension
- ▶ 234" Wheelbase
- ▶ Advanced Climate Control
- ▶ Elec System 12V DC MUX
- ▶ MUX Display Weldon Vista L/H Sw Pnl
- ▶ Fuel Tank 68 Gallons
- ▶ Front Axle Cramp Angle 48L/44R Degrees
- ▶ Rear Susp Ridewell RD-202 Rubber 54,000 lbs
- ▶ Frt/Rr Wheel Alcoa Dura-Bright LvL One
- ▶ Brake System ABS/ATC Tandem Axle
- ▶ Cam Rr/RH Box on Vista

Pump & Plumbing

- ▶ Darley EM 2000 GPM Two Stage Pump
- ▶ Pump Boss 400 FRC Pressure Governor
- ▶ Williams ATP 1500 "B" Foam System
- ▶ 400 Gallon Tank
- ▶ 30 Gallon Foam Tank
- ▶ (1) 6" Left Side Suction
- ▶ (1) 6" Right Side Suction
- ▶ (1) 2 1/2" Left Side (rearward) Inlet
- ▶ (1) 2 1/2" Right Side (rearward) Inlet
- ▶ (2) 2 1/2" Left Side Discharge
- ▶ (1) 2 1/2" Right Side Discharge
- ▶ (1) 4" LDH Right Side Discharge
- ▶ (1) 1 1/2" Right Front Bumper Discharge in Hosewell
- ▶ (2) 1 1/2" Preconnect Crosslays
- ▶ (1) 2.5" Preconnect Crosslay
- ▶ 2" Tank Fill
- ▶ On-Scene 9" Night Axe LED Pump Module Lights
- ▶ (2) 1-1/2" Crosslays Above Pump Module for 200' of hose
- ▶ (1) 2-1/2" Crosslay Above Pump Module for 200' of hose

Body

- ▶ 1/8" Formed Aluminum Unibody Construction
- ▶ Hot-Dip Galvanized Sub-Frame
- ▶ Hansen Painted Roll-Up Doors
- ▶ LED Compartment Lighting
- ▶ Stokes Basket Storage
- ▶ Duo Safety Ground Ladders
- ▶ SG-09 Auxiliary Power Unit
- ▶ OnScene Night Axe Pump Panel Lighting

Aerial Features

- ▶ 105' Aerial Ladder Body with EZ-R Hose Bed
- ▶ Atkinson 2-Way Communication System
- ▶ 750 Tip Load While Flowing 1,500 GPM Unrestricted
- ▶ Electric Positional Waterway
- ▶ Rope Rescue Rigging Attachment
- ▶ Retraction Override System
- ▶ Ladder Tip Creeper Controls
- ▶ 4 H Style Outriggers with 16'/18' Jackspread
- ▶ 101'5" Horizontal Reach at 0 degrees
- ▶ CP-84 Steel Waterway
- ▶ AL-11 Aerial Logic Information System
- ▶ Interlocks and Short Jacking
- ▶ 16' Roof Ladder in Fly Section
- ▶ Stokes Basket Storage on Ladder Base Section
- ▶ Akron StreamMaster II Electric Monitor 3480 with Above Horizontal Operation



