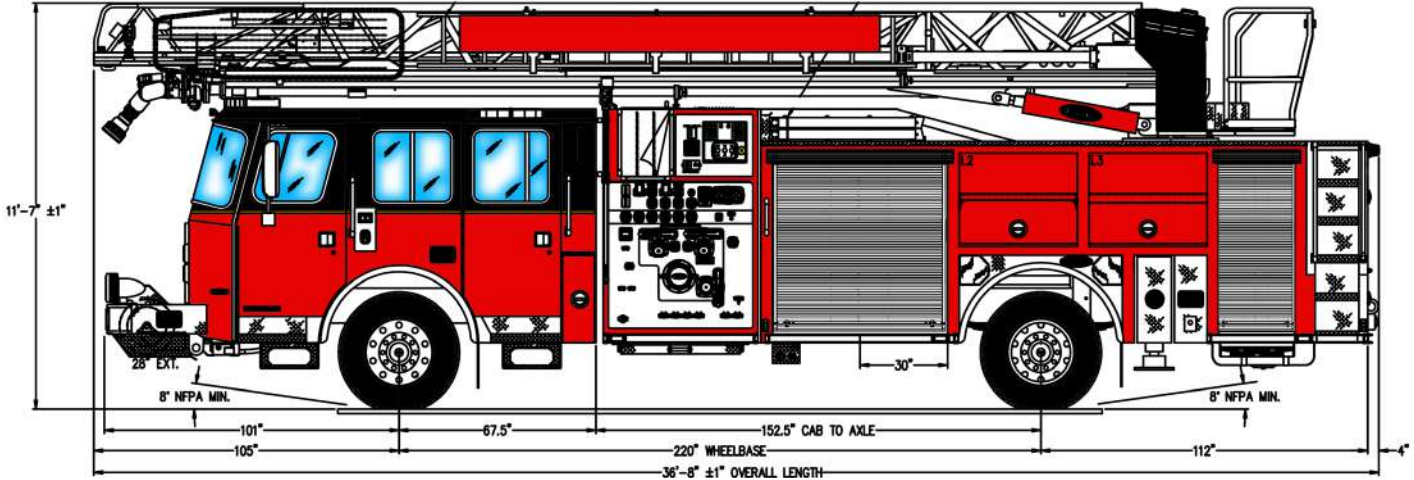




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## HP 78 AERIAL LADDER MANITOU PARK FIRE COMPANY - BERKELEY TWP, NJ



## SPECIFICATIONS

### SO 140900

#### CHASSIS

- 52,840 lbs. GVWR
- 220" wheelbase with 12" galvanized powder coated frame
- 11'-7" +/-1" travel height
- 36'-8" +/-1" overall length
- E-ONE Typhoon® 67.5" extruded aluminum cab with barrier doors, riser height compartments, severe duty interior, suspended map box, Bostrom® seating for six with IMMI® SmartDock SCBA brackets
- Cummins® ISL 450 HP engine with Jacobs® compression brake and Allison® EVS3000P transmission
- Meritor® FL941 19,840 lb front axle
- Meritor RS-30-185 33,000 lb rear axle
- Meritor 17" disc front and 16.5" x 8.625" S-cam rear with ABS and G4™ electronic stability control (ESC)
- 320 amp Leece Neville® alternator and five Group 31 1000 CCA batteries, LED headlights
- Alcoa® aluminum wheels, Michelin® tires, 385 front and 315 rear with all-weather tread

#### BODY

- Extruded aluminum body with SideStacker™ hosebed
- Full height rescue style driver and forward officer side compartments with R-O•M™ roll-up doors, enclosed wheel well storage for (4) SCBA bottles
- 79' of enclosed ground ladders plus 17' Little Giant® on body
- 500 gallon UPF Poly III water tank (470G water / 30G foam)

#### PUMP AND PLUMBING

- Hale QMAX 2000 GPM pump with FRC PBA400 pressure governor
- Triple crosslays with storage pan to rear
- Akron® valves with stainless steel manifolds and piping
- Front bumper mounted 150' of 4" hose booster reel

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PEOPLE AROUND THE WORLD EVERYDAY.  
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## AERIAL

- 78' aerial with 2.5:1 structural safety factor
- Welded extruded aluminum construction
- 16' Jack spread with short jack capability
- Capacity: 750 lbs. dry/500 lbs. wet + 75 lbs. equipment
- Advanced Aerial Control System with tip controls and pump panel controls
- FRC ACT 3-way intercom system
- Laser jack pad spotting lights
- Akron StreamMaster II™ pinnable monitor with nozzle and TFT VUM (valve under monitor)
- Whelen Vertex LED warning lights and (2) Whelen Pioneer 12V LED lights at tip
- Amdor Pathfinder LED ladder climbing lights
- Lifting eye and axe at tip, bracket for 14' roof ladder on base, pike pole on base, stokes basket bracket on base

## ELECTRIC AND WARNING

- Weldon® V-MUX® Multiplex electrical system with Vista IV display and Voyager backup and officer side camera
- Vehicle Data Recorder with CrewGuard™ occupant detection

- Power Arc® VM2003-RBR LED light bars, Power Arc® VM1503-QEM light bars, Power Arc® LEDB210 upper rear warning lights, 600 series LED lower level warning lights
- Federal Signal® Q2B siren, Federal Signal® PA300 siren and Federal Signal® ES100 speaker
- R-O-M™ V4 compartment lights and Whelen® 600 LED scene lights
- (2) FireTech 27" 12V mini brow LED scene lights, (2) Whelen® 120V PFP2 scene lights

## STANDARD WARRANTIES

- 5-year multiplex modules and aerial swivel
- 10-year cab, body, paint, plumbing and aerial waterway
- 20-year aerial structural
- 25-year frame rail corrosion
- Lifetime structural frame and water tank

