HP 78 LADDER



OUTPERFORM. OUTMANEUVER.

E-ONE's HP 78 Ladder features a 750 lb. tip load for increased rescue capability and more reach than similar products in its class. The available short-jacking system allows for setup in tight areas, and the advanced aerial control system provides smooth ladder operation. With the combination of generous compartmentation, ground ladder storage, SideStacker™ or center hose bed and up to a 500-gallon tank, the HP 78 Ladder delivers a package that outperforms, outmaneuvers and outreaches the competition.

ENGINEERED TO ENDURE.

The HP 78's ToughTruss™ ladder design features extruded aluminum construction that exceeds NFPA's requirements with a 2.5:1 structural safety factor. In addition, the aluminum aerial will not rust, need painting or require rung cover replacement, delivering lower life-cycle cost than steel aerials. The HP 78 Ladder is built on the rugged Typhoon® or Cyclone® cab and chassis featuring a powder-coated, hot-dipped, galvanized, full-length 12" double rail frame for durability and long life.



SPECIFICATIONS

VERTICAL REACH	78'
HORIZONTAL REACH	70' 2"
OVERALL HEIGHT	11' 7" (+/-2"); 4" and 7" lower OAH available
TIP LOAD	750 lbs. (500 lbs. wet) plus 75 lbs. equipment allowance
WATERWAY	Fixed at end of section 3 or pinnable to ladder tip with up to 1,500 GPM flow
OUTRIGGERS	Single set of outriggers with 16' spread; short jacking with alley mode available
AERIAL CONTROLS	Direct hydraulic or AACS with options for pump panel, tip and wireless controls
CAB	Typhoon or Cyclone cabs from 58" to 80" long
WHEELBASE	220"-230"
CHASSIS FRAME	Powder-coated, hot-dipped, galvanized 12" double rail frame
ENGINE	Cummins® engines up to 605 HP
BODY CONFIGURATION	Extruded aluminum with SideStacker, tall R1 SideStacker or center hose bed configuration
GROUND LADDERS	Enclosed tunnel for Alco-Lite® or Duo-Safety® ladders; options for roof/wall ladders on aerial base and combo ladder on body
PUMP	Hale®, Waterous® or Darley® up to 2,000 GPM
TANK	Up to 500 gallons



TIP LOAD

The HP 78's unrestricted 750 lb. tip load provides enhanced rescue operations, especially when extended at low angles. Flowing water tip load is 500 lbs. at any angle or position. Fly section is over 25" in width, accommodating stokes stretchers.



SIDESTACKER OR CENTER HOSE BED

The extruded aluminum body features a SideStacker hose bed (with optional side access doors) and full-depth compartments. A center hose bed design is also available with full-height compartments on each side.



SHORT JACKING WITH ALLEY MODE

In short jack mode the aerial has a total sweep of 200° over the deployed side (up to 10 degrees past center front and rear). In "Alley Mode," with both sides retracted, the aerial can rotate 20° over the front and rear for operation in tight spots.

E-ONE

DELIVERING STRENGTH THROUGH EXCELLENCE.

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