METRO 100 LADDER



100' REACH.

Designed with both urban and suburban departments in mind, this highly maneuverable 100' ladder boasts a mere 220" wheelbase and 11' jack spread with crisscross, underslung outriggers for setup in tight spaces. Featuring E-ONE's exclusive integral torque box chassis and ToughTruss® ladder design, the Metro 100 Ladder boasts an industry-leading 2.5-to-1 structural safety factor—exceeding NFPA's 2-to-1 requirement. Combined with E-ONE's Typhoon® or Cyclone® low travel height aerial cab, the Metro 100 Ladder offers an impressively low 10' 7" travel height.

MANEUVERABLE. CAPABLE.

100' reach. Single axle. Truck Company. From E-ONE, the innovator of aluminum aerials, comes the Metro 100 Ladder—a highly maneuverable aerial ladder with a 100' vertical reach. The LTH 100 ladder's low travel height, coupled with the extremely narrow jack spread, makes this an ideal product for inner city departments.



SPECIFICATIONS

VERTICAL REACH	100'
HORIZONTAL REACH	92'
OVERALL HEIGHT	10' 7" (+/-2") with no waterway; 10' 10" with pre-piped waterway
TIP LOAD	250 to 750 lbs. (dry) based on ladder position (plus 75 lbs. equipment allowance)
WATERWAY	Optional—fixed at end of section 3 or pinnable to ladder tip with up to 1,500 GPM flow
OUTRIGGERS	Crisscross, underslung with 11' spread
AERIAL CONTROLS	Direct hydraulic or AACS with options for tip and wireless controls
CAB	Typhoon or Cyclone cabs in 58" or 67.5" length
WHEELBASE	220" (230" with long cab)
CHASSIS FRAME	Integral torque box design combines the chassis frame and aerial torque box
ENGINE	Cummins® engines up to 605 HP
BODY CONFIGURATION	Extruded aluminum, 96" or 100" wide, with full-height compartments each side and raised rear perimeter; recessed side-mounted ladders optional
GROUND LADDERS	Enclosed tunnel for Alco-Lite® or Duo-Safety® ladders; options for roof/wall ladders on aerial base and combo ladder on body



TOUGHTRUSS™ EXTRUDED ALUMINUM AERIAL

The high-strength ToughTruss aerial features welded extruded aluminum construction with integral non-slip rungs. This design provides a low total cost of ownership since it will never rust, need repainting or require replacement of rubber rung covers.



NARROW OUTRIGGER SPREAD

The Metro 100 Ladder features crisscross, underslung outriggers with a spread of only 11'. The compact design can set up in tight conditions. Stowing below the body allows for additional compartmentation not possible with other outrigger designs.



LARGER GROUND LADDER LOADS

In addition to the center rear tunnel, recessed side-mounted ladder storage is available on one or both sides.

E-ONE

DELIVERING STRENGTH THROUGH EXCELLENCE.

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