

100' AERIAL LADDERS



HM 100 AERIAL

The HM 100 aerial model offers a low travel height, short wheelbase and tight turning radius for maneuvering in congested streets. The crisscross, under-slung jacks contribute to a low center of gravity and deploy in an industry leading time of less than 40 seconds and with only a 11' spread can set up in very tight areas.

As with all E-ONE aerials, the HM 100 features fully-welded aluminum construction with a structural safety factor of 2.5 to 1, exceeding NFPA requirement of 2 to 1.

The 110' aerial shares the same design features of the HM100 with the added benefit of increased reach. The body is available with a truck company body option (no pump or tank) center hosebed or Sidestacker® hosebed design.

1000 GPM waterway on both models is at the end of the 3rd section - 80' on the HM100 and 87' on the 110'. A pinable waterway piped to the tip is also available.

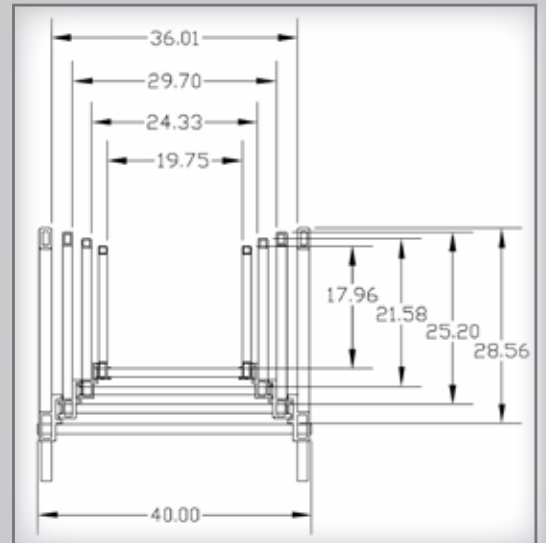
Aerials also available without a pre-piped waterway.

Cyclone® II or Quest® chassis with integral torque box frame. Medium length cab on units with pump, medium or long length cabs available on no pump / tank configuration.



HM100 Aerial rated at 550-lbs (500-lbs. firefighters and 50-lbs. equipment) dry and 300-lbs (250-lbs. firefighters and 50-lbs. equipment) wet. Wet rating increases to 550-lbs when elevated to over 30 degrees.

110' Aerial rated at 300-lbs (250-lbs. firefighters and 50-lbs. equipment) dry and 0 wet. When elevated 26-45 degrees, wet rating is 300-lbs and increases to 550-lbs when elevated over 45 degrees.



11' - 6" Overall height with pump; 11' - 5" Overall height without pump / tank
As low as 10' - 11" are available with Cyclone II aerial cab

Short wheelbase:
210" without pump
230" with or without pump

Jack spread of only 11'-0" with no pins.



HP 100 AERIAL

The E-ONE HP 100 is able to arrive first on the scene with everything necessary for fast action when the extra reach of a 100' aerial is needed.

The HP 100's short wheelbase and tight turning radius make for easy maneuvering in traffic. While the crisscross, under-slung jacks contribute to a low center of gravity, they also deploy in an industry leading time of less than 40 seconds with only a 12' spread.

Ample storage compartments allow quick access to all gear. With a 500-gallon water tank, this first responder is ready to fight the moment it arrives on scene. As for aerial safety, the HP 100 has a structural safety factor of 2.5 to 1, exceeding NFPA requirements.

The HP 100's body is available in a traditional center hosebed or the sought after SideStacker. We also offer a truck company body option, with no pump or tank, which makes the HP 100 a valuable asset to any department.

11' - 9" Overall height



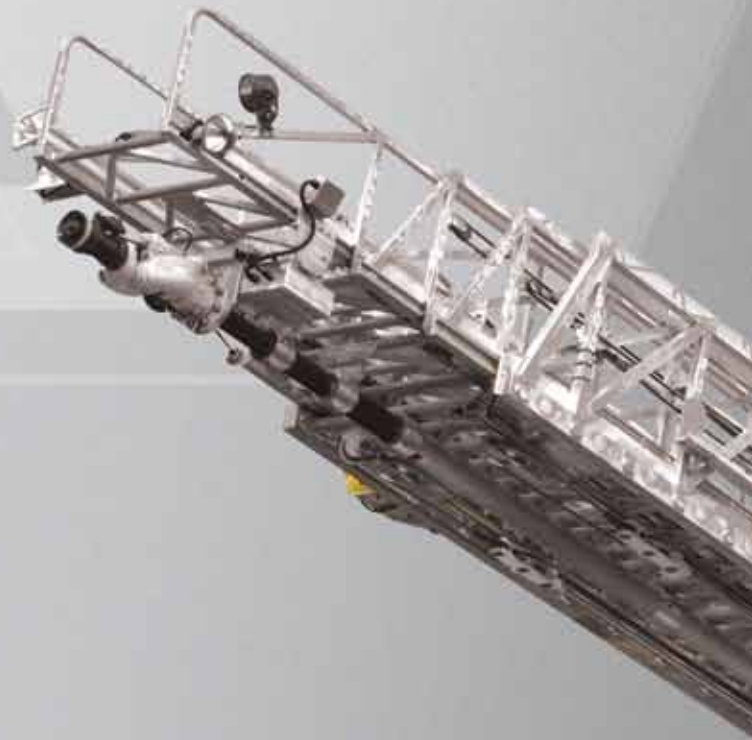
Cyclone II or Quest chassis with integral torque box frame. Medium or long length cabs

CR 100 AERIAL

If tip-load and low-angle performance top your list of "must haves," our CR 100 with an impressive 750-lbs. capacity for firefighters is your aerial. It utilizes our famous integral torque box and narrow stabilizer spread to make your job easier while holding heavier loads.



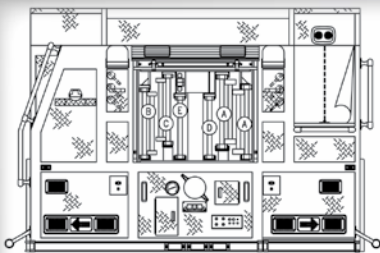
Another E-ONE exclusive, the integral torque box frame features a Resistance to Bending Moment (RBM) rating of 14,350,000. The all-welded, structural steel torque box frame with internal gussets relieves ladder stress loads more efficiently without passing undue stresses into the apparatus body and cab. Integral under-slung jack assemblies below the torque box with the high-strength, lightweight aluminum aerial provides a low center of gravity for improved road handling. Waterway plumbing through the torque box is constructed of stainless steel.



11' - 10" Overall height with SideStacker and no pump; 12' - 1" overall height with center hosebed



Quest or Cyclone II chassis with integral torque box frame. Medium or long length cabs.



GROUND LADDERS

ITEM	LADDER LENGTH	MODEL NUMBER	QTY
A	35' 2-SECT.	PEL-35	2
B	28' 2-SECT.	PEL-28	1
C	24' 2-SECT.	PEL-24	1
D	20' ROOF	PRL-20	1
E	16' ROOF	PRL-16	1
F	14' ROOF	PRL-14	1
G	10' FOLDING	FL-10	1

ONE ON AERIAL

Enclosed Ground Ladder Storage

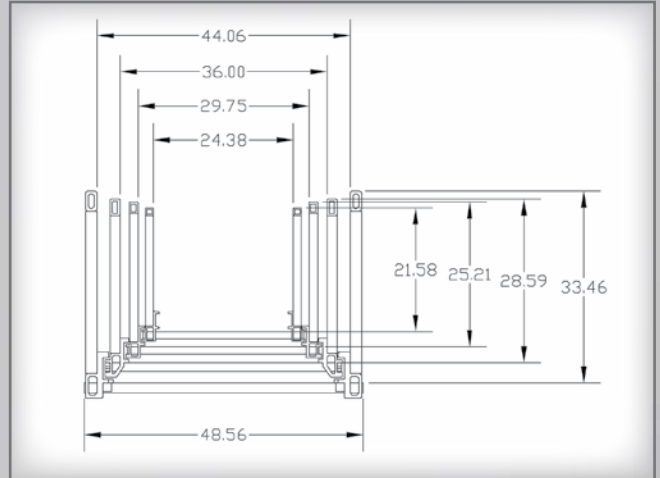
A variety of ladder storage options are available, including an ISO-compliant package. Roll-up and hinged doors are available.



ALL-EXTRUDED ALUMINUM WELDED CONSTRUCTION

Using 6061-T6 aluminum-alloy extrusions achieves a high strength-to-weight ratio resulting in an extremely strong aerial ladder. The aluminum ladder is corrosion-resistant for many years of service. Ladder sections are "K"-braced for added strength. Climbing rungs have an integral slip-resistant surface eliminating the need for rubber rung covers. The swirled, natural finish requires little maintenance and painting of the aerial is not required. Welds and associated ladder assemblies are easily inspected.

Aerial rated at 800-lbs. (750-lbs. firefighters and 50-lbs. equipment) dry and 550-lbs. wet.



Jack spread of 13'- 8" with no pins





WHEN LIVES ARE IN THE BALANCE AND SECONDS COUNT