100/110 TANDEM AXLE LADDERS



PROVEN OVER TIME. BUILT FOR WHAT'S NEXT.

With over 45 years of aerial experience and an industry-leading performance record, E-ONE continues to deliver on our founding principles of innovation and safety with the tandem rear axle 100/110 aerial ladders, available with a choice of the HR 100, LTH 100 or 110 aerial ladder—all featuring welded extruded aluminum construction that exceeds NFPA requirements with a 2.5-to-1 structural safety factor. Built on the legendary integral torque box chassis, the aerials also feature crisscross, underslung jacks with a narrow 12' spread that require very little space to deploy. The extruded aluminum body is available as a Quint or Truck Company with no pump or tank to provide additional storage space.

CUSTOM-BUILT DURABILITY.

The versatile 100/110 Tandem model comes standard with the HR 100 ToughTruss™ aerial ladder, with a 110' option for additional reach. For reduced travel height, the LTH ToughTruss aerial is also available. All three feature fully welded, extruded aluminum construction with integral nonslip rungs for safe, secure climbing. The aluminum design won't rust or require repainting or replacement rung covers, helping deliver a low total cost of ownership.



SPECIFICATIONS

VERTICAL REACH		100' with HR 100 or LTH 100; 110' with 110 ladder
HORIZONTAL REACH		92' with HR 100 and LTH 100; 102' with 110 ladder
OVERALL HEIGHT		11' 7" (+/-2") with HR 100 and 110 ladder; 11' 3" (+/-2") with LTH 100 ladder (lower OAH available on some models with trough cab and/or no pre-piped waterway)
TIP LOAD	**HR 100 LADDER**	500 lbs. wet or dry plus 75 lbs. equipment allowance
	LTH 100 LADDER	250 to 750 lbs. (dry) based on ladder position (plus 75 lbs. equipment allowance)
	110 LADDER	250 to 750 lbs. (dry) based on ladder position (plus 50 lbs. equipment allowance)
WATERWAY	**HR & LTH 100 LADDERS**	Pinnable (tip or section 3) or fixed at end of section 3 with up to 1,500 GPM flow
	110 LADDER	Fixed at end of section 3 with up to 1,500 GPM flow
OUTRIGGERS		Crisscross, underslung with 12' spread; auto level available
AERIAL CONTROLS		AACS with options for pump panel, tip and wireless controls; direct hydraulic also available
CAB		Typhoon® or Cyclone® cabs in 58" or 67.5" length
WHEELBASE		230" (240" with long cab, pump and tank)
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 with full-height compartments each side; Quint with a pump, tank and hose bed or Truck Company style with no pump or tank (angled rear body corners and raised rear perimeter 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; recessed side-mounted ladders available on Truck Company model
PUMP		Hale®, Waterous® or Darley® up to 2,000 GPM
TANK		500 gallons standard; 300 available



EXTRUDED ALUMINUM BODY

SideStacker™ hose bed can be reloaded without having to raise the aerial. Optional side doors allow for access from ground level. Center hose bed with upper compartments on each side and no-pump/tank designs also available.



CRISSCROSS, UNDERSLUNG OUTRIGGERS

The 100/110 Tandem features crisscross, underslung outriggers with a compact 12' spread designed to set up in tight conditions. The outriggers stow below the body, allowing for additional compartmentation not possible with other outrigger designs.



AERIAL CONTROLS

The 100/110 Tandem is equipped with the Advanced Aerial Control System (AACS) that provides smooth operations with options that include body protection and wireless remote control; direct hydraulic aerial controls also available.

E-ONE

DELIVERING STRENGTH THROUGH EXCELLENCE.

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