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HPS 105 LADDER



SPECIFICATIONS

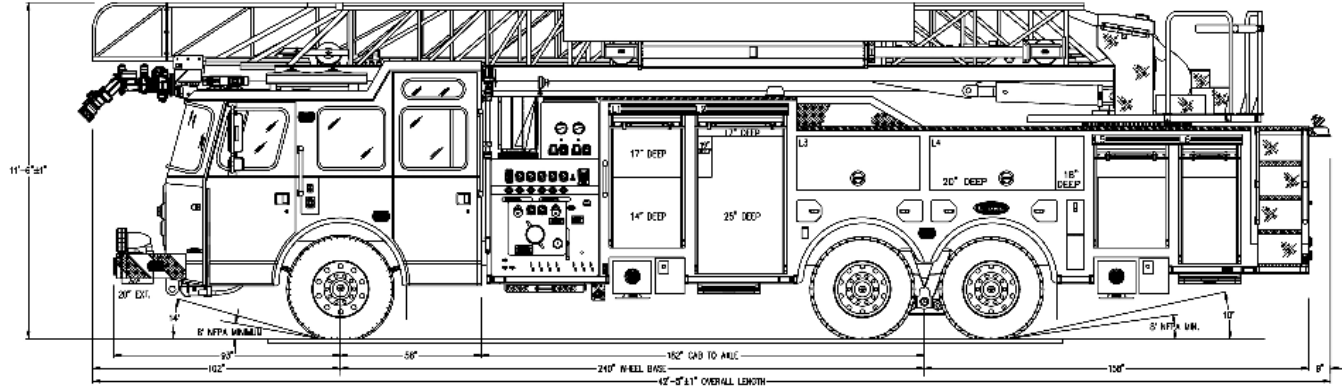
E-ONE STRENGTH. STEEL LADDER.

All the strength you've come to trust with E-ONE aluminum aerial is now available in steel. The new HPS 105 steel ladder boasts the same 2.5 to 1 structural safety factor, strong integral torque box chassis, proven criss-cross, underslung jack system and rock-solid stability of all E-ONE aerials.

From the low-weight, high strength DOMEX® steel and innovative greaseless roller system to E-ONE's new Advanced Aerial Control System (AACS), the new HPS 105 offers the superior performance of an E-ONE aerial with an innovative new steel ladder to meet the needs of departments preferring steel. The HPS 105 features a 500 lb. tip load (wet or dry), 94'-6" horizontal reach, criss-cross, underslung jacks with only a 13'-8" spread, 240" wheelbase, 1000 GPM pinned waterway, hi-traction run covers, a bolt-on egress, and large sheaves with large extension and retraction cables.

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CHASSIS

- Quest® or Cyclone® II cab
- Medium, long and extended length 4-door cabs available
- Optional split-raised roof
- Integral torque box chassis
- 240"-250" wheelbase
- 500-600 HP Engine
- Standard safety features such as roll cage cab, CrewGuard, ABS brakes and G4
- Airbags optional

AERIAL

- 105' steel ladder with 2.5 to 1 structural safety factor
- 575 lb tip load (500-lbs. firefighters and 75-lbs. equipment) wet or dry
- Criss-cross underslung jacks with only 13' 8" spread
- 11'6" +/- 1" overall height
- Bolt-on tip (straight or angled down)
- Pinnable waterway
- 3" lower overall height available with CII aerial cab
- Options include Advanced Aerial Control System (AACS) with tip and/or pump panel controls, extended range monitor, 2.5" valve at tip, and ladder, axe and pike pole brackets

BODY

- Body available in extruded aluminum or stainless steel
- Available in SideStacker®, center hosebed, and truck company configuration
- Sidestacker body features full-depth compartments
- Sidestacker body configuration allows for a full ISO requirement of 168' of ground ladders with a 300 gallon tank

FIRE PACKAGE

- Hale® or Waterous® pumps up to 2000 GPM
- 300-500 gallon water tank
- Stainless steel discharge manifold
- Optional foam systems, direct injection, CAFS and around the pump (ATP)
- Customizable discharges and preconnects to meet departments needs

ELECTRICAL

- Multiplex electrical system with color display provides increased feature capability and improved diagnostics
- Whelen® optical and audible warning packages standard, others optional
- Options include LED scene lights, LED ladder climbing lights and 6-20 kW hydraulic generators