

ASCENDANT® 107' SINGLE AXLE
HEAVY-DUTY AERIAL LADDER



GO WHERE NO AERIAL APPARATUS HAS GONE BEFORE. WITHOUT COMPROMISING WATER CAPACITY, PERFORMANCE, OR SAFETY.

The Ascendant® 107' heavy-duty steel ladder has truly redefined the single rear axle aerial market, providing firefighters with an unprecedented 107' of vertical and 100' of horizontal reach without compromising on water capacity, performance, or safety. The heavy-duty 100,000 psi high strength steel ladder was purpose built using proven engineering practices. The Ascendant is rated at a 750 lb dry and a 500 lb wet tip load capacity with an additional 100 lb equipment allowance. It can flow up to 1,500 gpm and is capable of a store front blitz feature as standard.

The Ascendant is designed to be operated at a 12 degree uphill slope and a 9 degree downhill slope. As standard, the frame rails, torque box, and pedestal are e-coated for improved corrosion resistance. The design, strength, and durability of the Ascendant ladder have been rigorously tested. Using a third-party, every Pierce® aerial is certified to the stringent UL Type I requirements.

The 107' Ascendant heavy-duty ladder is available on a wide range of body styles, providing firefighters flexibility and a wide range of options to meet each department's needs. The Ascendant is available with a quint body style, a Texas Chute Out style body for departments desiring a side stacked hosebed, and a true truck company body style with no pump or tank. Compartment space varies, ranging from 144 cubic feet to 306 cubic feet depending upon the body style selected. In total, with water and foam, the 107' Ascendant on a 33,500 lb single rear axle can accommodate an impressive 500 gallons with 2,500 lb of equipment, full hose complement, and a big block engine (if desired).



Specifications

Custom Chassis Choices	Arrow XT™, Enforcer™, Impel®, Velocity®
Vertical Reach	107'
Horizontal Reach	100'
Operating Range	-10° to 77°
Payload Capacity	750 lb dry/500 lb wet
Wind & Ice Ratings	Up to 50 mph winds & 1/4" of ice
Flow Capacity	1,500 gpm
Stabilizers	1 set of H-style & 1 downrigger
Stabilizer Spread	18'
Rear Axle	Single
Tank	Up to 500 gallons
Pump Range	Waterous, Hale, Darley Midship, PTO
PUC™ Availability	Yes
Hosebed Capacity	1,000' of 5" or split load 700' of 5" & 600' of 3" hose
Ladder Complement	Minimum of 115'
Structural Ladder Warranty	20 yr
Patents	Issued & pending

www.piercemfg.com



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Specifications, descriptions, and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment. All measurements are nominal values.

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