

ASCENDANT® 107' TANDEM AXLE HEAVY-DUTY AERIAL LADDER



LONGER REACH. LESS WEIGHT. IMPROVED CORROSION RESISTANCE.

Since the launch of the Ascendant® ladder on a single rear axle, firefighters have made it clear that we need to be able to offer our innovative Ascendant ladder on other configurations as well. So we've taken the 100,000 psi heavy-duty steel Ascendant ladder and integrated it onto a tandem rear axle configuration to meet those fire department's needs.

You'll still have all the same performance characteristics of the Ascendant heavy-duty ladder that you're accustomed to – 107' vertical reach, 100' horizontal reach, 750 lb tip load, 1,500 gpm flow – but there are significant enhancements with the integration of the Ascendant ladder on this tandem axle chassis configuration. The optimized design of the Ascendant ladder results in a significantly lighter vehicle – the Ascendant ladder on a tandem axle chassis has a rear axle rating of only 44,000 lb. A lighter weight vehicle provides numerous benefits: Departments in weight restrictive states can now have an Ascendant tandem axle configuration in their fleet; the costs of ownership are lower with less brake and tire wear; stopping distances are shorter and departments will realize better performance from the chassis drivetrain.

A tandem axle chassis with an Ascendant ladder will also be easier to set-up and position. There will still be four stabilizers for this configuration, but only the front stabilizers are H-style outriggers – the rear two stabilizers are downriggers that reduce the set-up footprint.

As standard, the torque box and stabilizers are e-coated for improved corrosion resistance. The Ascendant heavy-duty ladder on a tandem axle chassis is available on a wide range of body styles, providing firefighters flexibility and a wide range of options to meet each department's needs.



Specifications

Custom Chassis Choices	Arrow XT™, Enforcer™, Impel®, Quantum®, 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 & 2 downriggers
Stabilizer Spread	16'
Rear Axle	Tandem
Tank	Up to 750 gallons
Pump Range	Waterous, Hale, Darley Midship, PTO
PUC™ Availability	Yes
Hosebed Capacity	1,000' of 5"
Ladder Complement	Minimum of 115'
Structural Ladder Warranty	20 yr
Patents	Issued & pending

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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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P-0116-ASDNT107HDTNDMSS 4/17