

# ASCENDANT 107' TANDEM AXLE HEAVY-DUTY AERIAL LADDER



# LONGER REACH. LESS WEIGHT. IMPROVED CORROSION RESISTANCE.

The 100,000 psi heavy-duty steel Ascendant ladder has been integrated onto a tandem rear axle configuration to meet every fire department's needs.

The performance characteristics of this configuration are the same as the Ascendant heavy-duty ladder – 107' vertical height, 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 – with a rear axle rating of only 44,000 lb. Departments in weight restrictive states can now have an Ascendant tandem axle configuration in their fleet. 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 is easier to set up and position. There are four stabilizers for this configuration, but only the front stabilizers are H-style outriggers – the rear two stabilizers are down-jacks that reduce the setup 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	Arrow XT™, Enforcer™, Impel®, Quantum®, Velocity®
Vertical Height	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 & .25" of ice
Flow Capacity	1,500 gpm
Stabilizers	1 set of H-style & 2 down-jacks
Stabilizer Spread	16'
Rear Axle	Tandem
Tank Capacities	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'
Ladder Warranty	20-yr structural
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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