



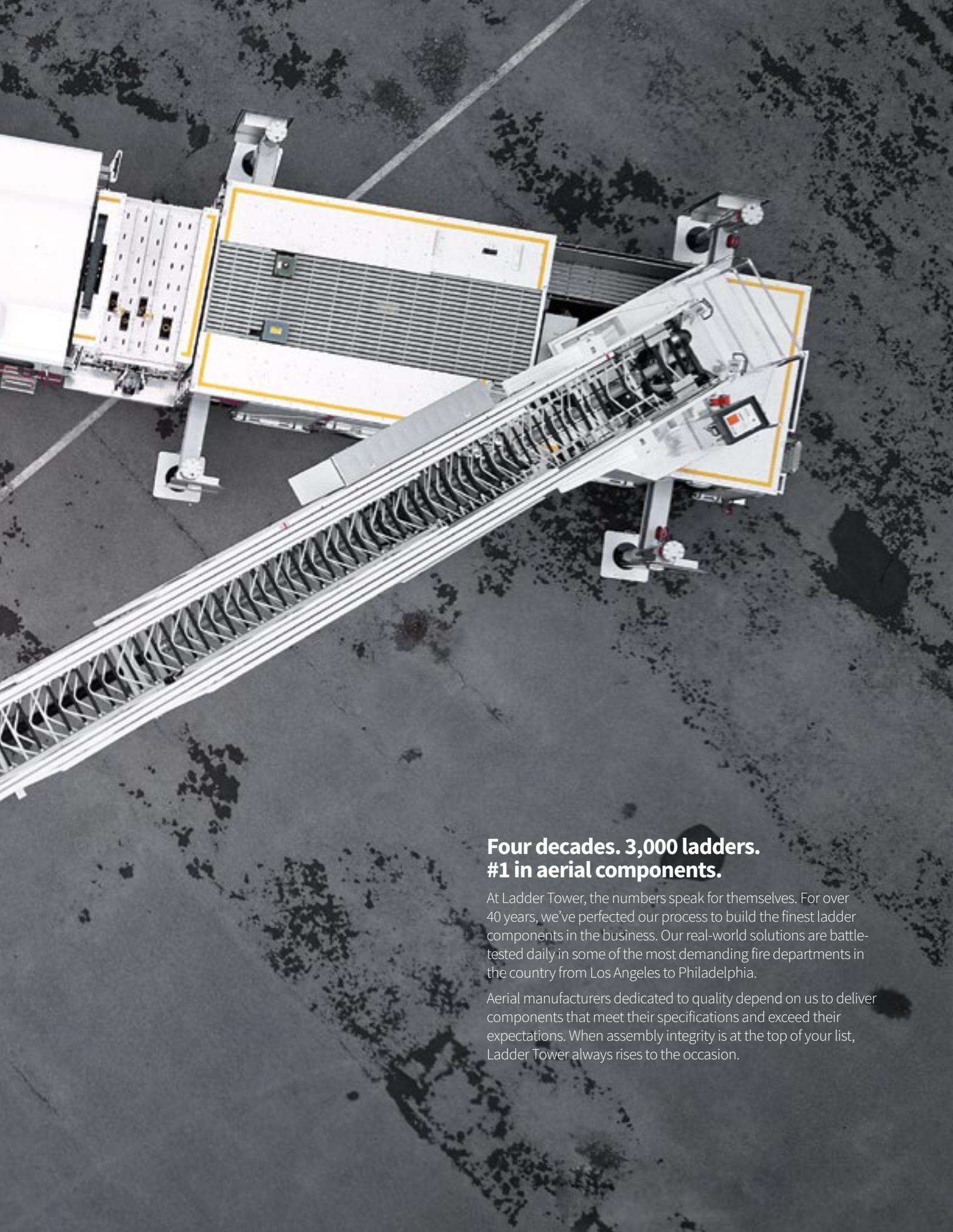
**LADDER TOWER**  
A SPARTAN MOTORS BRAND

**TAKE YOUR  
AERIALS TO  
NEW HEIGHTS.**



**LADDER TOWER  
ABOVE ALL OTHERS.**





**Four decades. 3,000 ladders.  
#1 in aerial components.**

At Ladder Tower, the numbers speak for themselves. For over 40 years, we've perfected our process to build the finest ladder components in the business. Our real-world solutions are battle-tested daily in some of the most demanding fire departments in the country from Los Angeles to Philadelphia.

Aerial manufacturers dedicated to quality depend on us to deliver components that meet their specifications and exceed their expectations. When assembly integrity is at the top of your list, Ladder Tower always rises to the occasion.

## 110' Ladders

Available in Heavy Duty with a tip load capacity of 500 lbs. with a 12' outrigger spread. Extreme Duty model has a tip load capacity of 750 lbs. with a 14' outrigger spread. All models are engineered for a narrow stabilizer spread to allow easier positioning and faster setup on narrow streets and other tight access areas. Its horizontal reach of 99' is rated best in the industry.

## 75' Ladders

Our Heavy Duty Aerial Ladder is built with 100,000 psi yield strength steel. This aerial workhorse provides a 750 lbs. tip load rating (wet) with the ability to flow 1,500 GPM at 0 degrees elevation straight out to the side, with the solid "step feel" that all LT aerials are known for. It offers the same structural strength, low profile, and clear walkways as the 110' models for safe and quick responses.



# HIGHER STANDARDS.

## Replaceable Egress

Stainless steel egress section features rounded hand rails for improved grip and better ergonomics.

## Strength & Integrity

Square and rectangular tubing provide a large ladder cross section for superior rigidity, with longer weld joints for increased ladder strength.

Tubular Welded Steel Torque Box Mainframe stiffens the backbone of the apparatus to provide a rigid and durable mounting base for the aerial and body. This helps absorb the overturning loads generated by the aerial and distributes them evenly to the outriggers.



## Superior Tip Loads

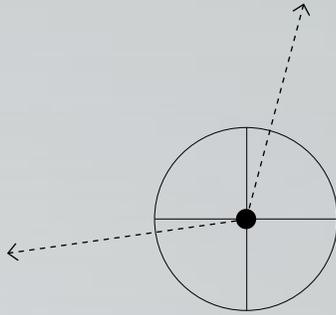
With tip loads up to 750 lbs. (wet & restricted) and minimal deflection, LT ladders can carry a heavier load and will remain stable and true even when fully extended or in windy conditions.



## Lower Travel Height

Ladders stack efficiently provide a low profile and lower travel heights, making it easy to fit into historic firehouses and under bridges.

**110' = 11'6"**  
**75' = 11'4"**



## Excellent Vertical & Horizontal Reach

Built with up to 100,000 psi yield strength steel that can be depressed as low as 7° below horizontal or as high as 78° above horizontal. This allows firefighters to reach taller structures and have easy access to the platform when lowered to ground level.



## Versatile Outrigger System

Our H-style outrigger system, offered with 12' to 14' spreads, provides strength and stability under all road and terrain conditions. LT's effective "out and down" design automatically locks into supporting position with no locking pins to place or remove. The footplate swivels in all directions, providing superior holding on uneven terrain, and the 24" X 24" auxiliary ground plates provide additional load distribution on soft ground.



## Safe. Strong. Stable.

Ladder Tower has become the top-of-the-line supplier of aerial components by focusing on the safety of the firefighters who depend on them. Everything from our superior engineering and design to the strongest materials available have been built into every ladder we make. The end result is quality components you can trust when you proudly put your nameplate on every aerial.

**CLEAN CLIMB:** A wide, unobstructed walkway allows firefighters to climb with confidence with wires routed tight along handrails and out of the way, making all walking areas clear of hoses and harnesses.

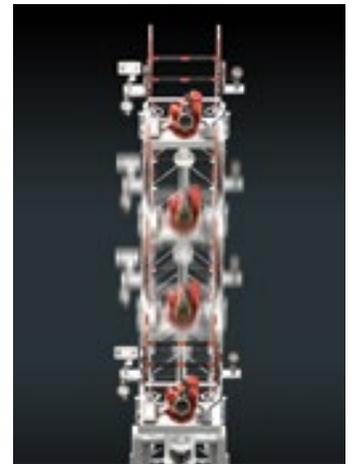
**RUBBER RUNG COVERS:** Heavy-duty rubber rung covers provide a sure grip for hands and feet and can easily be replaced if worn from use.

**CLEAR PATH WALKWAY LIGHTING:** Lights positioned from the bottom to the top of the ladder light the way to safer nighttime climbing and descending.

**EXTERNAL LINES:** All wiring, air and hydraulic lines are routed externally to eliminate moisture buildup and corrosion.

**UNIQUE “K” BRACE DESIGN:** This strengthens the ladder with all rungs meeting along the center line—the strongest point in the ladder. Reversed arch manufacturing in the ladder sections decreases downward deflection and friction. Ladder rungs are welded to the inner and outer wall of the rung rail to increase ladder stiffness.

**LADDER SLIDE PADS:** Load Transfer Pads and Front, Rear & Side Slide Pads, designed with accessibility in mind for easy inspection and replacement, reduce friction and ensure smooth ladder operation.



**POSITIONAL WATERWAY:** Our patented positional waterway is an extremely popular option with many fire departments. It allows the operator to position the waterway to either Rescue or Water Tower with a simple one-step procedure moving a handle.

## DETAILS MAKE THE DIFFERENCE.



**SAFE & EASY ACCESS:** Wide egress steps and walkways provide easy access to and from the ladder.



**TIP LIGHTING:** Multiple lighting choices are available at tip, 12 volts – 120 volts.



**SIMPLE CONTROLS:** Direct hydraulic control valves and hard-wired electric switches provide simple troubleshooting and worry-free operation.



**EXTERNAL WIRING:** All wires, breathing air, and hydraulic lines are routed externally, eliminating moisture buildup and corrosion in the structural tubes.



**WATERWAY CONTROLS:** Repositioning the waterway can be done easily with the flip of a mechanical lever.



**WATER MONITOR:** When positioned at the tip, the water monitor can be elevated 30° higher than the elevation of the ladder.



## **CUSTOMIZE TO MEET YOUR SPECIFIC NEEDS.**

Ladder Tower offers many options that can be added to any design. From extra storage to a range of tip components, we can deliver the right product to meet your specific demands.

- Up to 190' (58 m) of ground ladder storage
- Up to 500 gallon (2,000 L) water tank capacity
- LED walkway lighting
- Lever-activated retractable monitor
- TIP controls at tip
- Breathing air at tip
- Rescue options
- 110v/220v power to tip
- Waterway pre-connect at tip
- Lighting options
- Roof ladder, pike pole & axe mounts

Business Card FPO



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