Different lengths. Different mounts. Even different materials. But the same commitment to safety and performance.

You use an aerial in risky situations. You need a ladder or platform that you can be absolutely sure of. It needs to perform safely. Repeatedly. Run after run. Year after year. Even in the worst conditions.

Both safety and performance start with engineering. The industry’s finest product development team is always working so you can do your job safer and more effectively – whether that means rescuing someone from an 8th story window, putting a ventilation team on a roof, or setting up a master stream for a defensive operation.

We build every Pierce® aerial at our own facilities where we can keep an unforgiving eye on quality. Our own professional engineers conduct exhaustive tests, including finite element analysis and modal analysis to make certain our aerials meet or exceed all NFPA 1901 standards. And after we test it with our own engineering, every Pierce aerial is also third-party tested and certified to the stringent Type I requirements by Underwriters Laboratory, Inc.

The Pierce difference.

Single source. Max experience. Tireless research and testing. Firefighters refuse to compromise, and so do we.

- Designed & manufactured by Pierce
- Fabrication facility dedicated to Pierce aerials
- Aerial designs controlled by in-house professional engineers
- Finite element analysis, modal analysis, brittle lacquer, & strain gauge testing to verify designs
- Each aerial is tested & certified by Underwriters Laboratories, Inc., the most recognized testing agency in the country
- 140 certified aerial welders
- 18-yr average welding experience
- Meet all AWS Standards
- Inspectors certified to ASNT Level II
- UL third-party weld certification on-site

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Standard Aerial Warranties

- 3-yr aerial hydraulic cylinder seal
- 5-yr aerial hydraulic cylinder structural
- 5-yr multiplex electrical
- 10-yr aerial waterway
- 20-yr aerial structural

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### LADDER COMPARISON

#### 75' Aluminum Ladder
- **Arrow XT**, **Dash**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 75' Vertical
  - 6'7" Horizontal
  - Operating Range: -8" to 76"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,500 gpm
  - Wind & Ice Ratings: Up to 35 mph winds & 1/4" of ice
  - Stabilizers: 1 set of H-style
  - Stabilizer Spread: 16'
  - Rear Axle: Single
  - Tank: Up to 500 gallons
  - Pump Range: Waterous, Hale, Darley Midship, PTO
  - PUC Availability: Yes
  - Hosebed Capacity: 1,000' of 5" hose

#### 75' Heavy-Duty Ladder
- **Arrow XT**, **Dash**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 75' Vertical
  - 6'8" Horizontal
  - Operating Range: -5" to 75"
  - Payload Capacity: Up to 500 lb
  - Flow Capacity: 1,000 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - Stabilizers: 1 set of H-style
  - Stabilizer Spread: 16'
  - Rear Axle: Single or Tandem
  - Tank: Up to 500 gallons
  - Pump Range: Waterous, Hale, Darley Midship, PTO
  - PUC Availability: Yes
  - Hosebed Capacity: 1,000' of 5" hose

#### 100' Aluminum Ladder
- **Arrow XT**, **Dash**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 100' Vertical
  - 9'17" Horizontal
  - Operating Range: -8" to 76"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,500 gpm
  - Wind & Ice Ratings: Up to 35 mph winds & 1/4" of ice
  - Stabilizers: 2 sets of H-style
  - Stabilizer Spread: 12'
  - Rear Axle: Tandem
  - Tank: Up to 750 gallons
  - Pump Range: Waterous, Hale, Darley Midship, PTO
  - PUC Availability: Yes
  - Hosebed Capacity: 1,000' of 5" hose

#### 100' Medium-Duty Ladder
- **Arrow XT**, **Dash**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 100' Vertical
  - 9'1" Horizontal
  - Operating Range: -5" to 80"
  - Payload Capacity: Up to 500 lb
  - Flow Capacity: 1,000 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - Stabilizers: 1 set of H-style
  - Stabilizer Spread: 17'
  - Rear Axle: Single
  - Tank: Up to 750 gallons
  - Pump Range: Waterous, Hale
  - PUC Availability: Yes
  - Hosebed Capacity: 1,000' of 5" hose

#### 100' Mid-Mount Ladder
- **Arrow XT**, **Quantum**, **Velocity**
  - 100' Vertical
  - 9'4'5" Horizontal
  - Operating Range: -8" to 75"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,500 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - Stabilizers: 2 sets of H-style
  - Stabilizer Spread: 18' front / 16' rear
  - Rear Axle: Tandem
  - Tank: Up to 500 gallons
  - Pump Range: Waterous, Hale, Darley Midship, PTO
  - PUC Availability: No
  - Hosebed Capacity: 1,000' of 5" hose

#### 100' Heavy-Duty Ladder
- **Arrow XT**, **Dash**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 100' Vertical
  - 9'4'1" Horizontal
  - Operating Range: -8" to 75"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,000 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - Stabilizers: 2 sets of H-style
  - Stabilizer Spread: 12'
  - Rear Axle: Tandem
  - Tank: Up to 750 gallons
  - Pump Range: Waterous, Hale, Darley Midship, PTO
  - PUC Availability: Yes
  - Hosebed Capacity: 1,000' of 5" hose

#### 105' Heavy-Duty Ladder
- **Arrow XT**, **Dash**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 105' Vertical
  - 100' Horizontal
  - Operating Range: -8" to 75"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,000 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - Stabilizers: 2 sets of H-style
  - 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" hose

#### Ascendant 107’ Heavy-Duty Ladder (Single Rear Axle)
- **Arrow XT**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 107’ Vertical
  - 100’ Horizontal
  - Operating Range: -10" to 77"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,500 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - 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

#### Ascendant 107’ Heavy-Duty Ladder (Tandem Rear Axle)
- **Arrow XT**, **Enforcer**, **Impel**, **Quantum**, **Velocity**
  - 107’ Vertical
  - 100’ Horizontal
  - Operating Range: -10" to 77"
  - Payload Capacity: Up to 750 lb
  - Flow Capacity: 1,500 gpm
  - Wind & Ice Ratings: Up to 50 mph winds & 1/4" of ice
  - 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" hose

**Ladder Features**
- Our egress is easy to replace. If it’s ever damaged on a call, you simply replace it with a new one, rather than replacing the entire fly section.
- Climb with confidence. We’ve routed all wires inside sealed base rails.
- No matter where the ladder is positioned, you have easy access onto & off of the turntable.
<table>
<thead>
<tr>
<th>Platform Type</th>
<th>Custom Chassis Choices</th>
<th>Ladder Reach</th>
<th>Operating Range</th>
<th>Payload Capacity</th>
<th>Wind &amp; Ice Ratings</th>
<th>Flow Capacity</th>
<th>Stabilizers</th>
<th>Stabilizer Spread</th>
<th>Rear Axle</th>
<th>Tank</th>
<th>Pump Range</th>
<th>PUC™ Availability</th>
<th>Hosebed Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>85’ Heavy-Duty Platform</td>
<td>Arrow XT™, Dash™ CF, Quantum®, Velocity®</td>
<td>85’ Vertical 78’1” Horizontal</td>
<td>-8” to 75’</td>
<td>Up to 1,000 lb</td>
<td>Up to 20 mph winds &amp; 1/4° of ice</td>
<td>2,000 gpm</td>
<td>2 sets of H-style</td>
<td>16’</td>
<td>Tandem</td>
<td>Up to 500 gallons</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td>1,000’ of 5” hose</td>
</tr>
<tr>
<td>100’ Aluminum Platform</td>
<td>Arrow XT™, Dash™ CF, Quantum®, Velocity®</td>
<td>100’ Vertical 90’ Horizontal</td>
<td>-11.5” to 76”</td>
<td>Up to 1,000 lb</td>
<td>Up to 35 mph winds &amp; 1/4° of ice</td>
<td>2,000 gpm</td>
<td>2 sets of H-style</td>
<td>16’6”</td>
<td>Tandem</td>
<td>Up to 500 gallons</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td>1,000’ of 5” hose</td>
</tr>
<tr>
<td>100’ Heavy-Duty Platform</td>
<td>Arrow XT™, Dash™ CF, Quantum®, Velocity®</td>
<td>100’ Vertical 90’ Horizontal</td>
<td>-5” to 75”</td>
<td>Up to 1,000 lb</td>
<td>Up to 50 mph winds &amp; 1/4° of ice</td>
<td>Up to 3,000 gpm</td>
<td>2 sets of H-style</td>
<td>18’</td>
<td>Tandem</td>
<td>Up to 500 gallons</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td>1,000’ of 5” hose</td>
</tr>
<tr>
<td>Ascendant 100’ Heavy-Duty Aerial Tower</td>
<td>Arrow XT™, Velocity®</td>
<td>100’ Vertical 90’ Horizontal</td>
<td>-20” to 72”</td>
<td>Up to 1,000 lb</td>
<td>Up to 35 mph winds &amp; 1/4° of ice</td>
<td>2,000 gpm</td>
<td>1 set of H-style &amp; 4 downriggers</td>
<td>18’</td>
<td>Tandem</td>
<td>Up to 300 gallons</td>
<td>Waterous, Hale, Darley Midship</td>
<td>No</td>
<td>800’ of 5” hose</td>
</tr>
<tr>
<td>Ascendant 110’ Heavy-Duty Platform (Single Rear Axle)</td>
<td>Arrow XT™, Enforcer®, Impel®, Quantum®, Velocity®</td>
<td>110’ Vertical 90’ Horizontal</td>
<td>-10” to 72”</td>
<td>Up to 750 lb</td>
<td>Up to 35 mph winds &amp; 1/4° of ice</td>
<td>1,250 gpm</td>
<td>1 set of H-style &amp; 1 downrigger</td>
<td>18’</td>
<td>Single</td>
<td>Up to 500 gallons</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td>1,000’ of 5” or split load 700’ of 5” &amp; 600’ of 3” hose</td>
</tr>
<tr>
<td>Ascendant 110’ Heavy-Duty Platform (Tandem Rear Axle)</td>
<td>Arrow XT™, Enforcer®, Impel®, Quantum®, Velocity®</td>
<td>110’ Vertical 90’ Horizontal</td>
<td>-10” to 72”</td>
<td>Up to 750 lb</td>
<td>Up to 35 mph winds &amp; 1/4° of ice</td>
<td>1,250 gpm</td>
<td>1 set of H-style &amp; 2 downriggers</td>
<td>16’</td>
<td>Tandem</td>
<td>Up to 750 gallons</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td>1,000’ of 5” hose</td>
</tr>
</tbody>
</table>

Platform Features

- Every square inch has been designed to improve your safety & help you perform at your peak.
- The Pierce® basket leveling system allows for smooth, precise leveling throughout the full range of aerial operation.
- Easily access the basket from the ladder. A fully illuminated basket interior lets you see what you’re doing.
**Tiller Features**

- The tractor drive axle is available in either a single or tandem configuration to comply with stringent weight law restrictions.
- The optional pump & tank capability can transform your tiller into a full quint rating for maximum firefighting flexibility.
- When you arrive on the scene, you’ve got as much gear as you can pack into nearly 500 cubic feet of storage space.

<table>
<thead>
<tr>
<th>Ascendant® 107&quot; Heavy-Duty Tiller</th>
<th>Custom Chassis Choices</th>
<th>Ladder Reach</th>
<th>Operating Range</th>
<th>Payload Capacity</th>
<th>Wind &amp; Ice Ratings</th>
<th>Flow Capacity</th>
<th>Stabilizers</th>
<th>Stabilizer Spread</th>
<th>Tank</th>
<th>Pump Range</th>
<th>PUC® Availability</th>
<th>Hosebed Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrow XT™, Enforcer®, Quantum®, Velocity®</td>
<td>107&quot; Vertical 100' Horizontal</td>
<td>-10’ to 77’</td>
<td>Up to 750 lb</td>
<td>Up to 50 mph winds &amp; 1/4&quot; of ice</td>
<td>1,500 gpm</td>
<td>1 set of H-style</td>
<td>17&quot;</td>
<td>Up to 300 gallons</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td>1,000' of 5&quot; hose</td>
<td></td>
</tr>
</tbody>
</table>
Sky-Boom Features

- The boom can be positioned on windowsills & parapets thanks to the nozzle’s recessed, protected location.
- To ensure smooth operation, the operator has access to three boom-control levers: one controls elevation of the water tower; another controls extension; & a third rotates the turntable in either direction.
- Unique, fold-down handrails are available to reduce travel height & worry about low clearance, bridges, & other obstructions.

### Sky-Boom Water Tower

<table>
<thead>
<tr>
<th></th>
<th>Custom Chassis Choices</th>
<th>Ladder Reach</th>
<th>Operating Range</th>
<th>Payload Capacity</th>
<th>Wind &amp; Ice Ratings</th>
<th>Flow Capacity</th>
<th>Stabilizers</th>
<th>Stabilizer Spread</th>
<th>Rear Axle</th>
<th>Pump Range</th>
<th>PUC Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy-Duty Sky-Boom Water Tower</td>
<td>Arrow XT™, Dash® CF, Enforcer®, Impel®, Quantum®, Velocity®</td>
<td>-5° to 85°</td>
<td>Up to 500 lb</td>
<td>Up to 20 mph winds &amp; 1/4&quot; of ice</td>
<td>1,000 gpm</td>
<td>1 set of A-style</td>
<td>12'10&quot;</td>
<td>Single or Tandem</td>
<td>Waterous, Hale, Darley Midship, PTO</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>