

SKY-BOOM™ AERIAL WATER TOWER

Pierce



Superior, First-Attack Performance

Pierce® Sky-Boom™ is the smart choice for communities that need aerial firefighting power but also demand value for their investment. This compact, lightweight workhorse is custom built to deliver everything you expect from Pierce.

Travels low. Reaches high.

Travel height: only 10' 8" (3.25 m). The lowest of any elevated water tower apparatus. Reach height: 55' and 61' (16.72 m and 18.544 m). The ability to get water where the fire is. Travel where you're needed with the Pierce Sky-Boom. Its unique, fold-down handrails reduce travel height and worry about low clearance, bridges and other obstructions. Fixed handrails are also available, which bring the travel height up slightly from 10' 8" to only 11' 4". With your choice of 55' and 61' reach, the Sky-Boom is effortless to use, easy to maintain, and extremely lightweight, giving you superior aerial rescue performance.

Take your performance to a new level

You put everything you've got into fighting fires. We put everything we've got into making sure your water tower will perform. The Sky-Boom delivers an unrestricted 500-pound (225 kg) dry-tip load rating and a 250-pound (112.5 kg) tip load while flowing 1,000 gpm (3800 L/m) of water. Plus, the tip load rating goes up to 500 pounds (225 kg) while flowing 1,000 gpm (3800 L/m) at 45° to 85° elevations.

You're in control of every situation

Using a straightforward control panel, you have complete command of the two-section, telescoping, aluminum Sky-Boom. To ensure smooth operation, the operator has access to three boom-control levers: one controls elevation

of the water tower; another controls extension; and a third rotates the turntable in either direction. Additional safety is provided by a manual override inside the rear control console. For precise control of ladder functions from a distance up to 500 feet (152 m), an optional wireless, proportional remote is available.

More Pierce innovations help keep you in control. One set of A-style stabilizers – with a 12' 10" spread – provides rock-solid strength and easy setup. The aerial ladder features wide steps, spaced 14 inches (35.56 cm) apart for safe, quick ascension. Heavy-duty and serrated rubber rung covers provide the ultimate in traction and visibility.

Top performance now — and down the road

Like all Pierce apparatus, the Sky-Boom is engineered to perform and to last. Risk of potential damage is reduced because three essential pieces – the completely enclosed waterway, the extension cylinder, and electrical wiring – are all located inside the boom for maximum protection. If repairs are ever needed, you can remove the entire waterway in a single piece by sliding it out. This functional attention to engineering will save you significant costs over the life of the Sky-Boom. Because Pierce engineers and manufactures the chassis, firefighting package – and aerial device, you're assured of flawless integration of subsystems. And Pierce backs every apparatus with outstanding service, parts support and expertise 24/7/365. One call is all you'll ever need to make. Plus, Pierce gives you a 20-year/100,000-mile (160,930 km) limited structural warranty, the only manufacturer with that level of commitment to its elevated water tower.

The smart choice.

Your community demands the best performance and deserves the greatest value. The custom built Sky-Boom is both — the top performing aerial water tower at an affordable price.

Contact your Pierce sales representative today to learn why this versatile piece of equipment is vital to making your department the most prepared it can possibly be.

Typical specifications

MODELS:

- 55-foot (16.72 m) length.
- 61-foot (18.544 m) length.

STABILIZERS:

- Two A-style stabilizers.
- 12' 10" (3.91 m) stabilizer spread.

HYDRAULIC SYSTEM:

- Load-sensing type.
- Exclusive Eaton Aeroquip™ O-ring face-seal fittings.
- 5-year limited warranty as standard on all Eaton Aeroquip components.
- 20-collector ring electrical swivel.
- Access panel located at rear control console.
- Auxiliary electric hydraulic pump for 30-minute emergency run time.

MONITOR:

- Akron model 3350, 1,000 gpm (3800 L/m), electric with manual override.
- Automatic deploy/slow function.
- Recessed in underside of tip boom for storage and nozzle protection.
- Full 180° (90° side to side) lateral sweep.
- Full 180° (-150 to +30) vertical travel.

AERIAL CONTROLS:

- Three individual levers for rotation, elevation and extension.
- Electric or direct-hydraulic proportional control available.

RATED TIP LOADS:

- 500 lbs. (225 kg) dry-tip load rating and a 250-pound (112.5 kg) tip load, while flowing 1,000 gpm of water, in up to 20-mph (32 km/hr) wind.
- 500 lbs. (225 kg) while flowing 1,000 gpm at 45° to 85° elevation, in up to 20-mph (32 km/hr) wind.

CHASSIS:

Available on Pierce custom chassis, including Quantum®, Arrow XT™, Dash®, Lance®, Enforcer®, and Saber®, or your choice of commercial chassis.

TESTING:

The Pierce Sky-Boom elevated water tower meets or exceeds all NFPA 1901 guidelines. All Pierce aerials are tested and certified by Underwriters Laboratories, Inc., the most recognized testing agency.

MAJOR OPTIONS:

- Fold-down hand rails, reducing travel height to 10' 8" (3.25 m).
- Electronic, wireless proportional remote control for aerial operation.
- Breathing-air system at tip of ladder.
- Pump-panel controls.
- 110-volt electrical connection at aerial tip.
- 110-volt lights at aerial tip.
- Strobe light at aerial tip.
- Three-way communication system.



Recessed in underside of tip boom for storage and nozzle protection.



The boom can be positioned on windowsills and parapets thanks to the nozzle's recessed, protected location.



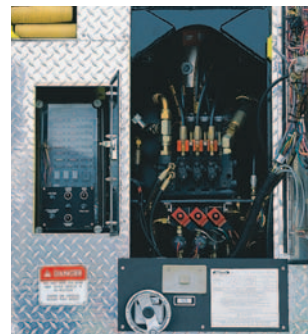
The Sky-Boom sets up quickly with a single set of A-Style stabilizers.



The optional electronic, wireless control system is easily hand held, allowing the operator to stand up to 500 feet (152 m) from the apparatus for optimum visibility of boom operations.



Simplified aerial device controls feature three levers and hydraulic manual overrides.



Service panel provides easy access to hydraulic and electrical components.



The waterway, extension cylinder and electrical wiring are all located inside the boom.



PERFORM. LIKE NO OTHER.™

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