CR 100 LADDER



HEAVY-DUTY TIP LOAD.

If tip load and low-angle performance top your list of "must haves," our CR 100 Ladder with an impressive 750 lb. tip capacity for firefighters is your aerial. The CR 100 Ladder utilizes our exclusive integral torque box chassis which provides a rock-solid foundation for the aerial. The crisscross, underslung jacks have a spread of only 13' 8", take less space to deploy and allow for more storage space than H-style outriggers. This feature also includes optional short jacking to allow operation in tight areas. The welded extruded aluminum aerial boasts a 2.5-to-1 structural safety factor, exceeding NFPA requirements by 25%. The heavy-duty CR 100 Ladder is available with either a Typhoon® or Cyclone® cab in both Quint and no-pump/tank designs, fully customizable to meet your department's needs.

TOUGH TORQUE BOX.

The exclusive integral torque box chassis features a Resistance to Bending Moment (RBM) rating of 14,350,000. The all-welded, structural steel torque box frame with internal gussets relieves ladder stress loads more efficiently without passing undue stresses into the apparatus body and cab. Crisscross, underslung jack assemblies below the torque box with the high-strength, lightweight aluminum aerial provide a low center of gravity for improved road handling.



SPECIFICATIONS

VERTICAL REACH	100'
HORIZONTAL REACH	91' 6"
OVERALL HEIGHT	11' 10" (+/-2"); 3" lower OAH available on some models using a trough cab
TIP LOAD	750 lbs. (500 lbs. wet) plus 75 lbs. equipment allowance
WATERWAY	Pinnable to ladder tip or end of section 3 with up to 1,500 GPM flow
OUTRIGGERS	Crisscross, underslung with 13' 8" spread; auto level and short jacking with alley mode available
AERIAL CONTROLS	AACS with options for pump panel, tip and wireless controls; direct hydraulic also available
CAB	Typhoon® or Cyclone® cabs in 58" or 67.5" length; longer cabs available with truck company body
WHEELBASE	245" (250" with long cab, pump and tank)
CHASSIS FRAME	Integral torque box design combines the chassis frame and aerial torque box
ENGINE	Cummins® engines up to 605 HP
BODY CONFIGURATION	Extruded aluminum with full-height compartments each side; Quint with a pump, tank and hose bed or Truck Company style with no pump or tank (angled rear body corners and raised rear perimeter optional)
GROUND LADDERS	Enclosed tunnel for Alco-Lite® or Duo-Safety® ladders; options for roof/wall ladders on aerial base and combo ladder on body; recessed side-mounted ladders optional with Truck Company model
PUMP	Hale®, Waterous® or Darley® up to 2,000 GPM
TANK	Up to 500 gallons



SIDESTACKER HOSE BED
The SideStacker™ hose bed can be reloaded without having to raise the aerial. Optional side doors allow for access from ground level. Center hose bed with upper compartments on each side also available.



EXTRUDED ALUMINUM AERIAL
The heavy-duty welded extruded aluminum aerial features a 750 lb. tip load. The fly section is over 24" in width with tall handrails and integral nonslip rungs for safe and secure climbing.



CRISSCROSS, UNDERSLUNG OUTRIGGERS
The aerial features underslung outriggers with a spread of only 13' 8". Optional short jacking allows for setup in tight conditions and auto-level for quick setup.

E-ONE

DELIVERING STRENGTH THROUGH EXCELLENCE.

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