

# CR 100 LADDER



## STRENGTH. STABILITY. SAFETY.

If tip-load and low-angle performance top your list of “must haves,” our CR 100 with an impressive 800 lb. capacity for firefighters is your aerial. It utilizes our famous integral torque box chassis and narrow stabilizer spread to make your job easier while holding heavier loads.



[E-ONE.COM](http://E-ONE.COM)



# 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. Underslung jack assemblies below the torque box with the high-strength, lightweight aluminum aerial provides a low center of gravity for improved road handling.



## → 800 LB. CAPACITY LADDER

The 100' welded extruded aluminum ladder can span a reach of 100' vertically and 91.5' horizontally while supporting 750 lbs. of firefighters and 50 lbs. of equipment.



## → INTEGRAL TORQUE BOX CHASSIS

The CR 100 provides rock-solid stability even when tested to 1.5 versus times the rated load over the front with tires off the ground.



## → MORE STORAGE SPACE

Deep compartments and a large tunnel provide generous storage. This aerial also packs 182' of enclosed ground ladder storage and a 300 gallon water tank.

## SPECIFICATIONS

<b>VERTICAL REACH</b>	100'
<b>HORIZONTAL REACH</b>	91'6"
<b>TIP LOAD</b>	800 lb. tip load (750 lbs. firefighters and 50 lbs. equipment) dry and 550 lb. (500 lbs. firefighters and 50 lbs equipment) wet
<b>WATERWAY</b>	Waterway flows of up to 1500 GPM
<b>OUTRIGGERS</b>	Single set of outriggers with a spread of only 13' 8"
<b>CAB</b>	Typhoon® or Cyclone® cab
<b>CHASSIS</b>	Integral torque box design combines chassis frame and aerial torque box
<b>LADDER</b>	100' welded extruded aluminum ladder with 2.5 to 1 structural safety factor
<b>ENGINE</b>	500-600 HP engine
<b>BODY CONFIGURATION</b>	SideStacker body configuration allows for a full ISO requirement of 182' of ground ladders with a 300 gallon tank
<b>PUMP</b>	Hale®, Waterous®, or Darley pumps up to 2000 GPM



DELIVERING STRENGTH  
THROUGH EXCELLENCE.

E-ONE.COM