

THE CRIMSON[®] AERIAL



CRIMSON[®]
A Spartan Company

www.crimson-fire.com



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- ABOVE AND BEYOND -

Beyond Innovation.

Talk is cheap. That’s why at Crimson we focus less on talking and ore on listening to the kind of people that depend on this apparatus.

The feature rich Star Series Aerial displays imagina-
tive innovations and delivers practical improvements
that will make life easier for you and your crew. Take
a closer look at one of the smartest machines in the
industry. We say this with confidence – after all it
was created with the help of people like you.

Crimson backs the aerial with a 20 and 10-year warranty on body materials, 20-year warranty on structural aerial materials, and a 10-year warranty on plumbing. Lots of manufacturers talk about dependability, Crimson puts it in writing.

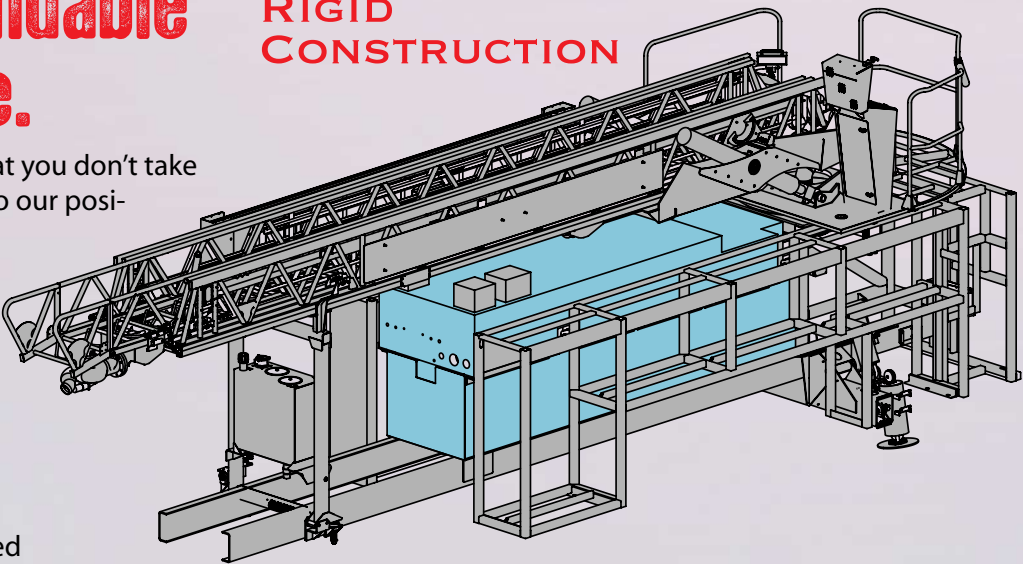


Durable, Dependable
and Affordable.

Going above and beyond means that you don’t take short cuts. This philosophy applies to our posi-
tion on stainless steel construction.

At Crimson, our customers
choose stainless steel 65% of
the time – that’s higher than
any other major manufacturer.
You shouldn’t have to sacrifice
durability for a cheaper price.
You shouldn’t have to settle for less
expensive materials. As we developed
the Crimson Aerial body we focused on finding
ways to make stainless steel affordable. The proof
is in the numbers.

RIGID
CONSTRUCTION



TIP-LOAD SPECIFICATIONS

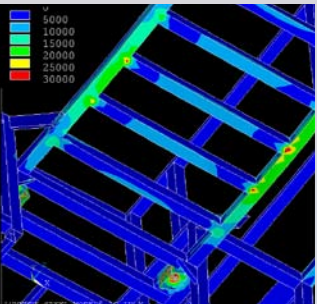
Aerials500lbs.
(with flows up to 1,000 gallons per minute)
Aerial Platforms.....1000lbs.
(with flows up to 2,000 gallons per minute)



*The Star Series features Crimson
exclusive Tor-Max™ Body
Structure. This solid tubular
structure eliminates flex and twists
in material, which in turn means
less stress/fatigue, creating a more
reliable apparatus.*



*The Star Series features
Crimson’s exclusive Vibra-Torq™
Body Mount System. This
innovation allows the body to float
above the chassis, reducing vibration
and stress to give you an extremely
durable body. Vibra-Torq™ has a
lifetime warranty.*



*Advanced Finite Element Analysis
(FEA) allows us to test our apparatus
for strength and performance,
monitoring the stress points for
material efficiency. FEA helps to
maintain our highly specific
manufacturing standards.*





Storage around the wheel wells increases the amount of usable storage space.



Ladder Travel and Rest Cradle incorporates Crimson's Vibra-Torq™ to eliminate ladder and cradle stress.



Ergonomically designed easy pull out Turn Table Access Steps increase safety.

Vision Meets Value.

In an industry where manufacturers often fall back on old school philosophies in aerial design, Crimson decided to break out of the mold. Old school thinking isn't good enough when people's lives hang in the balance. Improvements had to be made – so we made them.

The Crimson Aerial features exclusive innovations that improve performance, versatility in the field and serviceability. Our exclusive state of the art X-Style Outrigger Leveling System provides **maximum stability** in the field allowing you to excel in situations where other aerials fall short. While back at the shop, our patented Roller Assembly makes maintenance a breeze, **eliminating the need to grease ladder rails**. Imagine it, and that's only the beginning.

Crimson built an aerial plant on the very strongest of foundations - meet the brightest minds this industry has to offer. In addition, our facility in Lancaster, PA incorporates cutting-edge technologies to help us manufacture aerials to the highest tolerances.

(shown from left to right)

Jack Bailey – Aerial Sales Manager South Region

Jim Salmi – President

Jody Leakey – Aerials Production Manager

Tony Mastrobattista - Aerial Sales Manager North Region

Reid Wissler – Chief Aerial Engineer



Patented Roller Assembly System reduces friction and stress on the ladder in the field, while eliminating the need to grease ladder rails in the shop.



Crimson's innovative outriggers allow the apparatus to level on slopes up to 15 degrees and handle truck set-ups on severe terrain. This X-Style Outrigger Leveling System will allow you to safely set up your aerial in situations you've never before thought possible.



Patented Lift Cradle positions the ladder close to the ground, making it possible to safely add or exchange equipment at the tip of the ladder. It also enables the ladder to lower to negative 10 degrees for low-angle operating conditions.

Innovation - From the Ground Up.

The design process for the Crimson Aerial didn't begin at a drafting table – it began at a round table, where people like you sat with our design team and discussed what is really necessary in an aerial. We examined every square inch of the apparatus in an effort to develop a smarter, more efficient aerial that delivers practical improvement to help you do your job better.

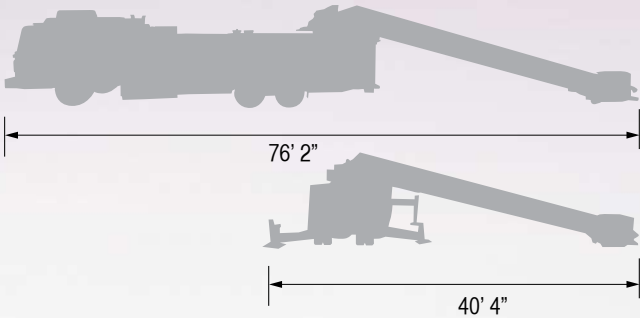
Some of the features on the aerial will surprise you, others may leave you wondering why you didn't think of it first, but regardless of the scope, the feature rich Crimson aerial is sure to change the way you look at aerial apparatus. Take a closer at how Crimson can help you do a better, more efficient job out in the field as well as home in the shop.



New Heights.

THE CRIMSON PLATFORM GIVES YOU A HIGHER DEGREE OF VERSATILITY IN THE FIELD- IMAGINE A FULLY RETRACTED PLATFORM THAT CAN REST ON THE GROUND.

Dimensions of Platform when fully retracted over rear and over side.



VISIT WWW.CRIMSON-FIRE.COM TO SEE THE CRIMSON AERIAL IN ACTION.



-10 degree below horizontal reach.



ISO compliant enclosed ladder storage.



Maximum storage, the X-Style Outrigger System leaves room for full height, length and depth storage.



An improvement on 'old school' single drives, Crimson's Dual Swing Drives provide smooth rotation and less backlash.



Removing (4) screws gives you total access to drive gears for simple adjustments.

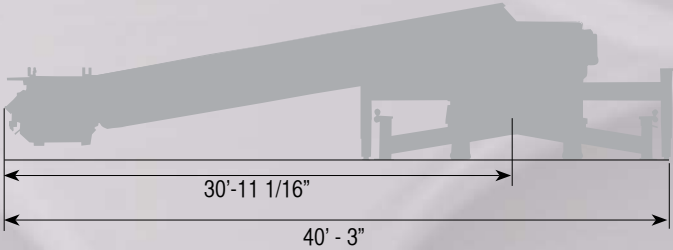


The Crimson Platform can rest on the ground while fully retracted, allowing you to squeeze into tighter spaces in the field.

Ultimate Fighter.

WHEN YOU'RE SOARING INTO THE UNKNOWN – IT'S NICE TO KNOW THAT YOU'RE RIDING ONE OF THE STRONGEST PIECES OF EQUIPMENT IN THE INDUSTRY.

Dimensions of Platform when fully retracted over side.



Crimson's Platform Aerial is the Fireman's ultimate tool/life-saving apparatus.



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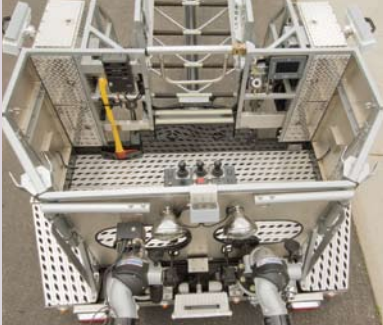
CRIMSON'S MIDMOUNT CRADLE DESIGN ALLOWS FOR THE LOWEST WORKING ANGLE OVER THE CAB ROOF IN THE INDUSTRY.

Crimson's Midmount travel height can reach as low as 10'.

Parapet Rescue brackets provide convenient roof ladder mounting



Rescue tie-off and standing platform outside of basket provides safe rescue techniques.



Moveable controls give you more room for operation – 18 square feet of standing room to be specific.



Sliding aerial controls provide optimum platform operating view.



Stokes Basket brackets and sliding aerial control provide the ultimate rescue platform.

Beyond Limits.

THE CRIMSON AERIAL INTELLIGENT DESIGN FOR IMPROVED SAFETY – BECAUSE WE KNOW THAT THE LAST PERSON YOU EVER THINK OF IS YOURSELF.

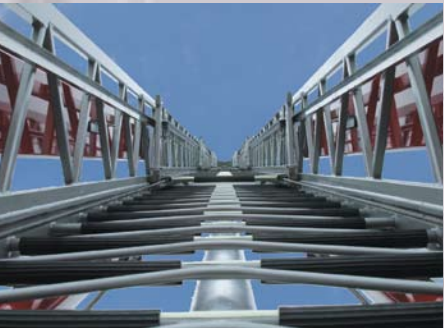
Increased handrail radius enhances safety – providing a comfortable entry into fly section.



Locking waterway nozzle mechanism



75' Aerial



The ladder area is wide open, all wiring and cables have been placed on the outside of the rails to make climbing a breeze.

Rear-Mount Platform	Width	Height
Fly	27"	22.38"
Mid-Mount Platform		
Fly	22"	20.38"
Rear-Mount Aerials		
Fly	23"	19"

** Width is based on inside dimension of handrails.
** Height is based on top of rung to top of handrail.



Unobstructed windshield, the Tillerman's Cab maximizes operator's view and improves safety.

Aerial Models	Outrigger Stance	
75' Rear-Mount	16'	
103' Rear-Mount	18' (rear)	9'6" (front)
100' Tractor-Drawn	16' (trailer)	
100' Rear-Mount Platform	18' (rear)	18' (front)
100' Mid-Mount Platform	16' (rear)	18' (front)



103' Tractor Drawn Aerial

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