

CONFIDENCE AT EVERY STEP™





## >>>> KME *Works for You.*<sup>TM</sup>

**As a privately held family company since 1946, KME<sup>TM</sup> is truly an American success story.** *We've experienced six decades of steady growth because we've worked hard to maintain our founder's entrepreneurial spirit. KME is focused on an ability to rapidly respond to market demands with innovative new products and services that offer real value and build long-term partnerships.*

### *Unwavering Dedication to Our Customers*

No company is better able to rapidly respond to customers' needs with common sense and a dedication to excellence. As a family-owned company under the leadership of John J. Kovatch III, decisions are made in the best interest of our customers, company and employees without influence from outside investors or stock market analysts. By continually reinvesting in the company with personnel training, new equipment and updated facilities, KME is best able to serve our customers today and for future generations because it's not just a business, it's our family commitment.

OUR STEADY GROWTH  
OVER THE LAST SIX  
DECADES EMPOWERS  
US TO SERVE YOU TODAY – AND  
INTO THE FUTURE.



*John J. Kovatch III, KME President and CEO*

# commitment

## PASSION FOR EXCELLENCE

### *Personal Attention*

With over 800 employees, *KME* has the resources to support our customers' needs. However, *KME* still assigns a primary point of contact for each new truck build to coordinate all communications between *KME*, the sales representative and the customer. There is no "handoff" through various stages of production where customers have to redefine their needs to each new person in the process. *KME*'s project manager ensures that all customer needs and expectations are met from order to delivery, every time.

### *Network of Support*

*KME*'s factory locations, teamed with a nationwide network of sales and service centers, provide a full range of support for our vehicles. Our locations are fully insured and ready to provide maintenance, repairs, parts and technical support.





# »»» CUSTOMIZATION *through Innovation.*

**KME is a true sole-source manufacturer, so customization is central in all we do.** KME product design begins with in-depth discussions with both apparatus users and maintenance staff to understand the department's unique needs and how they relate to apparatus safety, ease of use and maintenance. KME then custom manufactures the cab, chassis, body and aerial device and combines them with components from hundreds of vendors to bring features and options that offer maximum storage, better water flow and superior performance.

» New ideas to make apparatus safer and perform even better.

**AerialCat**   
**CONFIDENCE AT EVERY STEP**

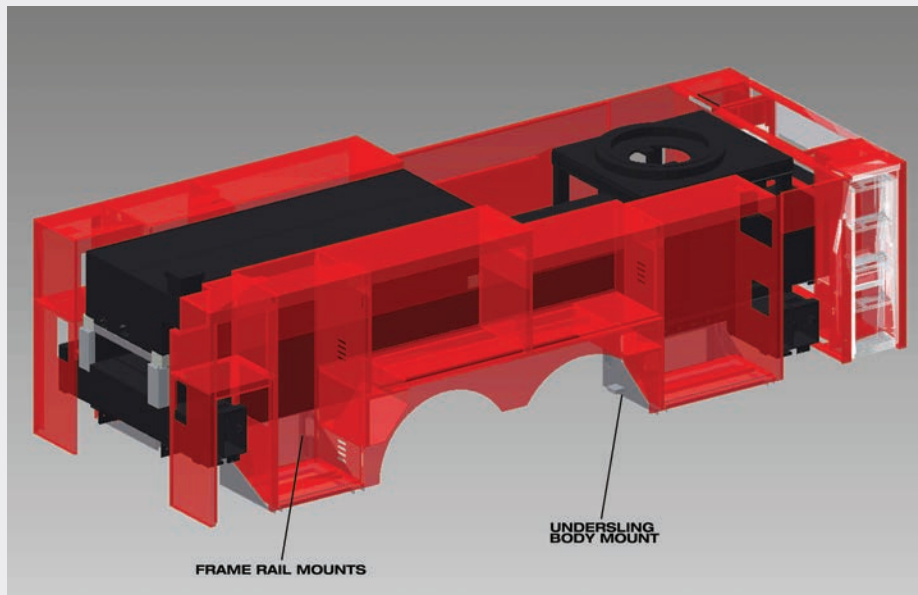


# custom

## SOLE SOURCE

### *A Better Overall Design*

All KME aerial bodies feature a 3/16" aluminum formed body that provides both the strength demanded of an aerial body and the flexibility of design. KME utilizes an underslung body-mounting system. This design distributes loads to the body mounts and frame rails allowing for them to be accommodated by the strongest portions of the vehicle which yields extraordinarily reliable body integrity.



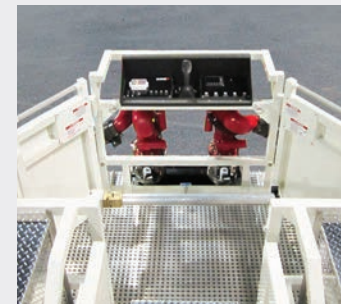
### *A Smarter Platform*

KME's spacious platform offers 22.8 cubic feet of space providing plenty of room for four firefighters and equipment. Even with the increased size, KME's platform features mitered corners allowing for easy positioning against the building, regardless of apparatus placement and an improved turning radius. The KME platform also features the 3-in-1 safety system that allows for a stokes-restraint system, a high point equipment transfer point and a parapet roof ladder option.



### *Better Performance through Better Ideas*

KME achieves better aerial performance by constantly engaging the fire service on its needs for increased performance and simplified operations. Through a continual improvement process, we offer features like true 1,500gpm flows on ladders and up to 3,000gpm on platforms. We also offer safe platform access from the ground while the aerial is fully retracted. Our ladders also feature a floating waterway that can be electrically deployed at the ladder tip for water operations, or at the second section for rescue operations.





# »»»» A FOCUS ON SAFETY

*Safety is a core element of every KME feature.*

**KME has invested millions in engineering, development and testing to integrate products that not only protect fire service personnel but also prevent accidents in the first place.** Utilizing computer-aided models in combination with real-world testing, KME produces cabs and fire bodies that take the guesswork out of design and the result is proven safe apparatus.

## *Safest Cab in the Fire Service*

KME's family of Predator™ chassis are the safest in the fire service. Working with industry-leading third-party safety specialists, KME designed and tested our cabs beyond the test requirements to achieve a *fire-service-best* result in roof crush, side crush and frontal impact. Cabs include occupant frontal impact and rollover protection systems.







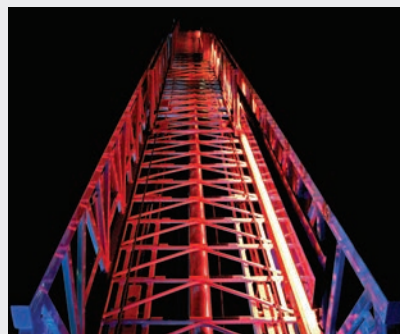
### *Safe Operation*

*KME* aerials feature a standard electronic motion control system with an easy-to-read color monitor that displays critical information to both operators at the turntable and in the platform. The system also provides cab and body avoidance and short jack operations. All aerials feature the handheld outrigger tether, which allows the operator to safely view all outriggers in motion. In addition, the aerial turntable is designed with plenty of room for the operator, fire personnel and rescued persons to transition onto and off the aerial safely. The *KME* aerial also features the fire service's largest heel pin step to provide a safe transition to and from the ladder.

## ➤ Fire service best-in-safety testing.

### *A Safer Climb*

Whether you are transitioning into a platform or climbing the 123' ladder, *KME* aerials provide the deepest and widest fly section of any aerial, giving you the confidence to climb. *KME*'s rung covers feature an aggressive gripping surface for both your hands and feet, regardless of the weather conditions. Each rung cover also features photo luminescent bands that help orient you in low-lighting conditions. If you desire additional illumination, *KME* also offers full-length LED Pathfinder™ walkway illumination lights for excellent night visibility.



# REAR MOUNT PLATFORMS

*KME AerialCat™ platforms are designed for performance at every elevation.*

**AerialCat platforms bring safety and ease of operation to every response.** The 95' and 102' platforms offer the shortest wheelbases and overall lengths and lowest travel heights in the industry. Recognized as the strongest ladders available, KME ladders also take smooth operation to a whole new level. Our motion control systems provide safer and easier controls than any truck ever built for the fire service.

## *Maximum Leveling Capability*

Getting your AerialCat in operation is a simple, one-person process with our handheld outrigger controller featuring the automatic leveling system. Setup in tight spots is no problem either with the ability to short jack the outriggers, which only requires outriggers on the operating side to be fully deployed.

KME platforms have the ability to perform at full capacity on slopes up to 11 degrees. You can lower the stabilizers a full 19" to set up on virtually any terrain and operate reliably, even on a severe grade.





# performance



## *Big Performance*

It isn't always about how high you can go, sometimes it's about your capabilities at low elevations. KME's steel ladder has a lift geometry that allows you to go an unobstructed 248 degrees of rotation at 10 degrees below horizontal without any impact on platform capacities or while flowing water. That same design also allows you to set the platform on the ground with the ladder fully retracted at a mere 33' from the apparatus. Need more? Our aerial will allow you to be 14' below grade at 10 degrees below horizontal when fully extended.



## *More Equipment Storage*

Whether your aerial functions as a first-due quint or as a true truck, KME knows that storage space is important. With body configurations designed to suit your needs, our numerous designs provide over 240 cubic feet of storage, including storage for 1,000' of large-diameter hose in an easy-access straight-shot hose bed. All body styles feature full height / full depth designs that allow for storage of tools and equipment. Most compartments feature a depth of 26" without sacrificing valuable storage space to allow for an NFPA® 1901 or ISO complement of ground ladders.

➤ Don't settle for just an aerial, demand an *AerialCat*.

## >>> MIDMOUNTS

*Designed to fit your station, terrain and needs.*

**KME has a full line of midmount platforms and ladders with travel heights as low as 119" [9' 11"], allowing your department to maneuver in low-clearance environments.** In addition they feature a short overall length that ranges from 42' to 47', depending on model, allowing you to navigate the tightest areas. However, low travel heights and short overall length don't equal small storage capabilities. KME midmount aerials allow for storage of 1,000' of LDH hose, a minimum of 115' of ground ladders, 300 gallons of water and plenty of storage space for your department's equipment.



innovation





### *Industry-Leading Platform Design*

KME's spacious platform offers 22.8 cubic feet of space for four firefighters and equipment. However, the platform still features mitered corners allowing for easy positioning against the building, regardless of apparatus placement. A new third door at the rear of the platform is now standard on all midmount platforms. No more tiptoeing along the outside of the walkway to get to the platform access doors. The door has been added to allow safer access onto the platform from the body.



### *Customized to Meet Your Requirements*

KME offers a full line of midmount platforms in 81', 95' and 100' configurations designed to fit in your station with numerous travel height options. Concerned about cumbersome outriggers for aerial operations in tight fire ground scenes? The 81' platform design only has one set of front out-and-down outriggers along with rear downriggers. With only one outrigger extended from the apparatus in short jack operations even the tightest streets are manageable. 75' and 100' ladders are also available.



### *Ultimate Below-Horizontal Performance*

It isn't always about how high you can go but what capabilities your aerial has at low elevations. KME's ladder has a lift geometry that allows you to go 12 degrees below horizontal without any impact on platform capacities or while flowing water. That same design also allows our 100' midmount to set the platform on the ground with the ladder fully retracted at a mere 29' from the apparatus.



# >>> REAR MOUNT LADDERS

**KME ladders lead the fire service in horizontal reach, tip load capacity (wet and dry), high-capacity water flow, monitor positioning and safe access to the ladder.** KME single source, custom manufactures the broadest family of aerials in the fire service. Rear mount ladders range from 79' to 123', and although each model can be highly customized, each includes unparalleled strength with up to a 2.5:1 safety factor. The materials, testing, engineering and motion control systems in every KME aerial deliver the confidence to perform even under the most extreme conditions.



## *Better Performance Through Better Ideas*

KME's Storefront Blitz™ feature allows for a first-floor interior attack with the aerial device all while flowing 1,500gpm. The stainless steel bolt-on egress is designed to allow the monitor to travel up to 30 degrees above horizontal. Along with the extended monitor travel, the aerial is capable of going 8 degrees below horizontal, giving the fire department the flexibility to get the water where it is needed. In addition, special attention was also given to the height and width of the ladder section dimensions. With the deepest and widest fly section dimensions you can climb with confidence.





# confidence

AT EVERY STEP

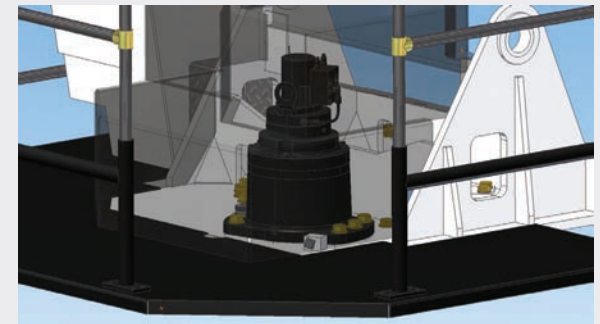


## *Higher Tip Loads and Shorter Outrigger Stance*

Leaving nothing to chance, *KME* aerals are engineered to carry the highest tip loads in the industry while being subjected to winds of 50 miles per hour along with a 1/4" of ice build upon the entire aerial structure. *KME* aerial designs are independent third-party P.E. certified. Aerial configurations are available with 750 lb. tip loads with outrigger stances as tight as 14' center to center, so if you can open the cab doors, you can fully operate the aerial.

## *Ease of Maintenance*

Maintenance is a vital component of keeping an aerial device in service. A review of many of the details of the aerals show particular attention to the ease of service of critical components if the need should ever arise. The wear pads are easily adjustable, removable and simple to lubricate. All sheave wheels are composite materials and require no lubrication, and the shafts are high-wear stainless steel material. *KME* is the only manufacturer to offer an adjustable swing drive so the aerial rotation is always smooth regardless of apparatus age.



➤ The long and short of it...  
*KME AerialCats™* are a fire service best.



# TRACTOR-DRAWN AERIALS

## *Maneuver on even the tightest streets.*

**KME tractor-drawn aerials are known for their maneuverability with the shortest wheelbase and overall length available in the industry.** Select a 101' with a pre-piped waterway tiller or add a pump and tank and transform your TDA into an NFPA® 1901 compliant quint. Select a 100' tiller with no water and get the shortest TDA available, allowing you to get into tightest fire scene or smaller fire stations.







### *Maximum Flexibility*

When you are first to arrive on scene you can have the peace of mind that your tractor-drawn aerial has a full quint rating for maximum flexibility to your firefighting fleet. The optional fire pump and tank allow this tractor-drawn aerial to assist with fire suppression. All tractor-drawn aerials are designed with the highest and widest handrails and an unrestricted, 500 pound rated tip load.



### *Visibility*

The tractor-drawn aerial is designed with maximum maneuverability and safety in mind, and that carries through to the design of the tiller cab. KME's "No Post Vision" windshield eliminates the A-pillar for the greatest visibility to the front and side of the cab. Tiller cab doors are available with either the standard hinge-type door or rear sliding style.



### *Custom Body Storage*

Need to carry rescue tools, fire suppression tools and the accessories to function as a true ladder company? There is no problem with that because each KME tractor-drawn aerial is designed to give you the maximum compartment volume in the industry. KME's standard body features over a total of 500 cubic feet of storage while still giving you the flexibility of storage of ground ladders and supply hose.



maneuver  
BETTER  
AERIALCAT™ FAMILY | 15



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