HP 95 Mid-Mount Platform

E-ONE

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Aerial

Four-section aluminum aerial ladder provides 95′ vertical reach and 88′ horizontal reach. Ladder has a 2.5 to 1 structural safety factor, which exceeds the minimum NFPA requirement of 2 to 1 used on most other platforms.

Travel Height

Low 10′-10″ overall travel height (with or without pump / tank) or 9′-10″ (without pump / tank).

Cab

Cyclone® II cab has seating for up to eight people and exceeds the requirements of the SAE J2420, SAE J2422, and ECE-R29 crashworthiness standards.

The E-ONE HP 95 Mid-Mount Platform is designed for departments that need a stable, versatile 95′ platform that can be maneuvered through congested streets, setup quickly in tight spaces, and handle both rescue and firefighting duties with ease.

The vehicle can be leveled and operated at full capacity on downgrades and side slopes – even with the front wheels off the ground. The platform has one of the highest load ratings in the industry and can carry up to 1000-lbs. of personnel plus 305-lbs. of equipment at full extension and all angles of elevation without water flowing.

The HP 95 is available with up to 2000-GPM pump capacity, up to a 500-gallon water tank and various body configurations to meet your department's needs.

Platform

Platform rated for 1000-lbs. of personnel plus 305-lbs. of equipment without water flowing. Swing-in doors on front corners allow multiple points of access. A 1250-GPM monitor is standard, dual monitors with a flow rating of 1500-GPM are optional.

Firefighting Package

Up to 2000-GPM pump and 500-gallon water tank available. Multiple handline options to choose from.

Ground Ladders

Enclosed rear compartment has space for 115′ or more of ground ladders.

Stabilizers

Automatic leveling system allows aerial setup in less than 45 seconds. The single set of under-slung stabilizers has a 15′- 6″ spread for operation in congested areas. Short jack capability is standard.

Sidestacker Hosebed

The HP 95 SideStacker® hosebed has 57 cu. ft. of usable space with the capacity to hold up to 800′ of 5″ LDH and 400′ of 2.5″ DJ. The hosebed is located low in the body on the right-hand side where it is easy to access and easy to reload without raising the aerial. The hose pays out directly from the rear of the apparatus and can be laid to either side without snagging on the platform or body.

Automatic Stablizer Leveling

The HP 95 uses a unique automatic leveling and stabilizing system that allows the apparatus to be setup and ready for operation in less than 45 seconds – about half the time of other platforms. The jacks and stabilizers can be operated either from a panel on the body or from a hand-held control box that allows the operator freedom to move as necessary to monitor stabilizer placement. Short jack capability is standard to allow setup in congested areas.

Rear Body Perspective

The leveling jacks, stabilizers, and platform are positioned to allow free movement around the back of the apparatus. The rear compartments are easily accessible and can hold more than 115' of ground ladders to meet NFPA requirements. E-ONE's exclusive SideStacker® hosebed is positioned low in the body. The hose can be deployed and repacked quickly without raising the aerial and without requiring cumbersome extension chutes or expensive roll-out trays.

All-Welded Extruded–Aluminum Construction

The aerial ladder is welded from high-strength aluminum-alloy extrusions to provide a structure that is strong, lightweight, and extremely corrosion-resistant. The rungs have a permanent slip-resistant stepping surface, which eliminates the need for rubber rung covers that need periodic replacement. Because the HP 95 ladder uses only four sections, instead of the five sections found on some other aerials, it has fewer overlapping joints and is more rigid. This design also results in a wider fly section with higher handrails for easier and safer movement of personnel.

Electronic Control Console

The aerial control station is designed for easy operation. The electric over-hydraulic controls have built-in ramping functions to provide smooth, precise positioning of the platform under all operating conditions. Standard cab and body protection limits the movement of the aerial at low angles to prevent accidental damage. The Aerial Information System (AIS) with mission-specific screens provide the operator with vital information such as percent of extension, distance to the ground, tip and base temperatures, aerial systems information and much more.

Sets Up in Tight Areas

The HP 95 uses a single set of under-slung side stabilizers with a spread of only 15′- 6″. This is as much as 30″ less than some competitive models, which allows the HP 95 to operate in narrow roadways. The stabilizers lock automatically without the need to set manual pins. And because there is only a single set of side stabilizers, the apparatus can be set up next to a row of parked vehicles by extending the curb-side stabilizer between vehicles – something that is almost impossible to do on apparatus with two sets of stabilizers.

Redesigned For Distributed Loads For Continuous Rescue

One, two, three... up to twelve personnel can be positioned along the ladder and in the platform at the same time, depending on the angle of elevation. This distributed load capability allows teams of firefighters to move quickly up or down the ladder in order to ventilate a roof or make an interior attack. It also allows firefighters to evacuate multiple victims into the platform and assist them down the ladder without fear of overloading.

Unmatched Stability

The HP 95 automatic leveling system consists of four vertical leveling jacks located directly under the apparatus with a single set of side stabilizers. This system allows safe and stable aerial operation without load restrictions on downgrades up to 6 degrees (10%) and on side slopes up to 6 degrees. The aerial can even be operated at full capacity with the platform on the downgrade side and the front wheels off the ground.

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Low Overall Travel Height

Older station house doors, low bridges, and other areas with restricted overhead clearances are no problem for the HP 95 Mid-Mount Platform. The overall travel height is only 10'-10". A lower 9'-10" travel height version is available on no tank / pump units. The low travel height also contributes to lower apparatus center of gravity for increased stability on the road.

1250 to 1500-GPM Water Flow Capabilities

Operations under the most extreme conditions are all in a day's work for the HP 95 platform. Even with the apparatus operating on a downhill slope and the aerial fully extended to the side at minimum elevation, the platform can still support two personnel while the single monitor flows up to 1250-GPM in any direction – even 45 degrees upwards. Optional dual monitors allow for up to 1500-GPM flow while directing the master stream to single or multiple targets.

The low body height and the ability to position the aerial below the turntable means that the HP 95 platform can be lowered to the ground alongside the apparatus for operations in confined areas. This allows the rapid transfer of personnel and equipment at ground level and permits the platform to be raised back into position quickly.

E-ONE Custom Cabs

The HP 95 Mid-Mount Platform is available on both the Cyclone® II and the Quest® custom chassis. E-ONE custom chassis feature a welded substructure of high-strength aluminum-alloy extrusions that surround and protect the perimeter of the occupant compartment for increased safety. The roof, floor, and all outer skins are made from 3/16" (0.188") thick aluminum-alloy plates that are welded to the substructure for additional strength and protection of the occupant compartment on all sides. The cab interior provides seating for up to eight firefighters when a pump is specified, or up to ten without a pump. A hydraulic cab tilt allows for quick access to the engine for easy maintenance.

Pump Panel

The HP 95 can be specified with a midship-mounted pump rated up to 2000-GPM. The pump is plumbed to a stainless steel discharge manifold and is connected directly to the pre-piped aerial waterway. Pre-connected attack lines add versatility. A 300-gallon poly tank is standard when a pump is specified. A slide-out step makes the pump panel accessible even when the apparatus is elevated on jacks.

Platform With 1305-LB. Capacity

The HP 95 platform accommodates four firefighters in full protective gear. It has a rated tip-load capacity of 1000-lbs. for personnel, plus an additional capacity of 305-lbs. for monitors and other equipment. For an extra margin of safety, the entire aerial is tested and certified by an independent third-party engineer to have a structural safety factor of 2.5 to1, which is significantly greater than the minimum NFPA requirement of 2 to1 used by other manufacturers.

Dual inward-swinging, self-closing doors in the front corners give a full 180 degrees of access on the front and sides of the platform. Because the doors are located on opposite sides of the platform, instead of in the middle, one of them will always be accessible. Dual doors allow easy entrance and exit on both the front and sides for operations in areas where the platform cannot be positioned directly in line with the point of access. This feature also allows the simultaneous transfer of personnel and equipment at two points for loading and unloading.

- 1250-GPM monitor with a pre-piped waterway is standard
- Dual monitors with a 1500-GPM flow rating are available
- 1305-lb. capacity in any position with no water flowing (1000-lbs. of personnel and 305-lbs. of equipment)
- 805-lb. capacity in any position while flowing water (500-lbs. of personnel and 305-lbs. of equipment)
- 95' vertical reach at all angles of rotation and 88' horizontal reach to the sides and rear
- -8 to +80˚of elevation to the sides and rear (+55 to +80˚over the cab)
- Fully operational in winds up to 35-MPH
- Many available options including ladder brackets, rappelling arm, 110V receptacles, 110V lighting, hose boxes, pike pole and axe mounting brackets

For a dealer nearest you contact us at www.e-one.com or call 352.237.1122.