



# MSA Fall Protection Kits

**WE KNOW WHAT'S AT STAKE.**

# Scaffolding application

Falls from height continue to be the largest single cause of fatal and life changing injuries for workers across industry. Scaffolders, when erecting, altering or dismantling scaffolding are regularly exposed to the risk of a fall.

When scaffolders encroach from a scaffolders' safe zone close to an area not protected by guardrails they are considered 'at risk' and personal fall protection equipment must be used. The equipment usually consists of a full-body harness (EN 361) connected to a lanyard (EN 355) or a retractable type fall arresters (EN 360) which is connected to a suitably secure anchor point.



## Did you know...?

There is an inherent risk of injury with the use of any personal fall arrest system, should a fall occur. In order to minimise the risk of injury there must be adequate clearance below. The clearance distance required will vary depending upon the type of fall arrest equipment selected and the manner in which it is used.

When using fall arrest equipment, it is important to position your anchor point as high as possible and to use as short a lanyard as possible, to minimise the potential fall distance. The shorter the fall distance, the lesser the forces generated from the fall.



## ■ V-FORM Scaffolding Kit (10194468)

The V-FORM Scaffolding Kit is a basic fall protection equipment designed to protect scaffolders when working at height.

### Includes:

- 1x V-FORM harness, back D-ring, 3 adjusters, Qwik-Fit buckles, M/L (10180184)
- 1x Energy absorbing lanyard, 1.5m, webbing, twin leg, steel screwgate carabiner, steel scaffold hook (10185612)
- 1x Bag (10169160)



## ■ V-FORM Scaffolding light Kit (10194467)

The V-FORM Scaffolding Kit includes a durable kernmantle rope lanyard with lightweight aluminum scaffolding hooks as part of the fall protection solution, reducing fatigue during long working shifts in scaffolding applications.

### Includes:

- 1x V-FORM harness, back D-ring, 3 adjusters, Qwik-Fit buckles, M/L (10180184)
- 1x Energy absorbing lanyard, 1.8m, Kernmantel rope, single leg, steel Twist lock carabiner, Aluminium scaffold hooks, leading edge (10185614)
- 1x Bag (10169160)



## ■ V-FIT Scaffolding Premium Kit (10194471)

The V-FIT Scaffolding Premium Kit features a highly comfortable V-FIT harness together with a durable kernmantle rope lanyard with lightweight aluminum scaffolding hooks, providing long-term comfortability and enhanced durability for scaffolding applications.

### Includes:

- 1x V-FIT harness, back D-ring, front loops, bayonet, M/L (10180198)
- 1x Energy absorbing lanyard, 1.8m, Kernmantle rope, twin leg, steel Twist lock carabiner, Aluminium scaffold hooks, leading edge (10185615)
- 1x Bag (10169160)



■ Basic – Provides regulatory compliance

■ Medium – Improves comfortability through added features

■ Premium – Features best-in-class products for the application

# Mobile Elevated Work Platform application

One of the biggest risks when using mobile elevated work platforms (MEWP) is being thrown out of the basket if the boom swings, jolts or tilts away from the machine's center of gravity (this can occur when travelling in a MEWP), or if the operator overreaches (usually by standing on the guard rails). Other causes can be impact by other vehicles or snagging the boom or basket on obstructions.

When operating MEWP, people should wear appropriate fall protection equipment, which consists of a full-body harness (EN 361) connected to a lanyard (EN 354 / EN 355) or a retractable type fall arresters (EN 360) which is connected to an anchor point on the MEWP basket.



## Did you know?

Modern MEWPs have available a certified anchor point where properly securing fall protection equipment.

### ■ V-FORM Mobile Platform Restraint Kit (10194466)

The V-FORM Mobile Platform Restraint Kit is a basic fall protection equipment designed to stop the person falling from the work platform by using a work restraint system. This system uses a lanyard that prevents a person reaching a position where they could fall.

#### Includes:

- 1x V-FORM harness, back D-ring, front loops, 5 adjusters, Qwik-Fit buckles, M/L (10180187)
- 1x Restraint lanyard, webbing, 1.5m fixed length, steel screwgate carabiners (10185600)
- 1x Bag (10169160)



### ■ V-FORM Mobile Platform Kit (10196371)

The V-FORM Mobile Platform Kit is an advanced fall protection equipment designed to stop the person falling from the work platform by using a harness connected to a personal fall limiter (PFL), which is a small and light retractable type fall arrester. This PFL has been independently tested as defined by DGUV within Prüfgrundsatz PG-06-07 for use at MEWPs, protecting a person in an event of a fall, while also preventing the MEWP to collapse due to the force generated.

#### Includes:

- 1x V-FORM harness, back D-ring, front loops, shoulder loops, bayonet buckles, M/L (10180196)
- 1x V-TEC 1.8m Mini PFL, Aluminium snaphook, Aluminium carabiner triple locking (63011-00VEU)
- 1x Bag (10169160)



### ■ V-FIT Mobile Platform Premium Kit (10196372)

The V-FIT Mobile Platform Kit is an advanced fall protection equipment designed to stop the person falling from the work platform by using a comfortable padded harness connected to a personal fall limiter (PFL), which is a small and light retractable type fall arresters. This PFL has been independently tested as defined by DGUV within Prüfgrundsatz PG-06-07 for use at MEWPs, protecting a person in an event of a fall, while also preventing the MEWP to collapse due to the force generated.

#### Includes:

- 1x V-FIT harness, back D-ring, front loops, bayonet, M/L (10180198)
- 1x V-TEC 1.8m Mini PFL, Aluminium snaphook, Aluminium carabiner triple locking (63011-00VEU)
- 1x Bag (10169160)



■ Basic – Provides regulatory compliance

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# Maintenance application

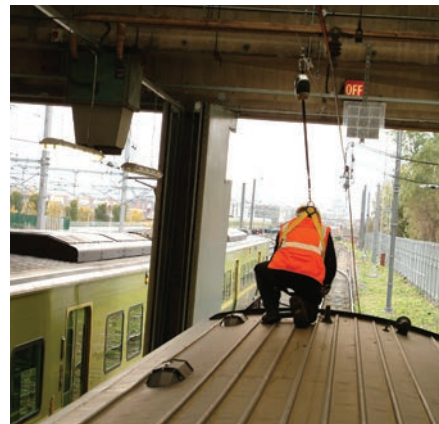
Preventive or corrective maintenance tasks of structures, equipment, machines or facilities often involves reaching roofs, gutters and raised sections of plant and machinery not properly secured to safely work without Fall Protection equipment.

To ensure the safety and health of the workers in maintenance tasks at all times appropriate fall protection equipment is required, including a full-body harness (EN 361), usually connected to self-retracting device (EN 360), which is connected to a secure anchor point or through means of a sling.



## Did you know?

A secure anchor point can't be achieved by using lifting slings or any other straps. Forces generated in a fall event are very high, requiring slings to be tested and approved as personal protective equipment, certified to EN 795.



## ■ V-FORM Maintenance Kit (10194469)

For typical maintenance tasks, the V-FORM Maintenance Kit is an ideal fall protection equipment. This Kit includes a harness and a personal fall limiter (PFL), a small and light 1,8m self-retracting device. A sling is also provided in case it is necessary to properly secure the anchor point.

### Includes:

- 1x V-FORM harness, back D-ring, front D-ring, 5 adjusters, Qwik-Fit buckles (10185836)
- 1x V-TEC 1.8m Mini PFL, Steel snaphook, Steel carabiner (63011-00BEU)
- 1x MSA Workman anchorage sling, 1,5m (10115802)
- 1x Bag (10169160)



## ■ V-FIT Maintenance Premium Kit (10194470)

For advanced maintenance tasks requiring long working time or limited anchor points, the V-FORM Maintenance Kit is the right solution. This Kit includes a comfortable padded harness and a 3m personal fall limiter (PFL). A sling is also provided in case it is necessary to properly secure the anchor point.

### Includes:

- 1x V-FIT harness, back D-ring, front loops, bayonet, M/L (10180198)
- 1x V-TEC 3m PFL, Aluminium scaffold hook, Steel carabiner (63013-00AEU)
- 1x MSA Workman anchorage sling, 1,5m (10115802)
- 1x Bag (10169160)



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## Roofing application

Regardless if there are guardrails or a fall protection system installed on the rooftop, getting on and off the roof is a major risk. A secure means of entry and exit is essential. If the building doesn't have interior stairs and a doorway to the roof, workers must use caution when using ladders. These can become unstable and without a vertical lifeline installed, they are unsafe.

When accessing rooftops, people should wear appropriate fall protection equipment, which consists of a full-body harness (EN 361) connected to a lanyard (EN 353).



### Did you know?

This system can also be used to provide a secondary lifeline for suspended positioning systems used in building or maintenance works, inspection tasks and window cleaning.

### ■ V-FORM Construction Kit (10194465)

The V-FORM Construction Kit is intended to provide temporary fall protection on ladders or when climbing.

#### Includes:

- 1x V-FORM harness, back D-ring, front loops, 5 adjusters, Qwik-Fit buckles, M/L (10180187)
- 1x Rope grab Easy Move, Kit including 15 m, 11 mm rope (without carabiner), in a bag (10164578)
- 1x MSA Workman anchorage sling, 1.5 m (10115802)
- 2x Steel screwgate carabiner, 17 mm gate (10144125)



### Application Table

Part Number	Product	Scaffolding	Mobile Elevated Platforms (MEWP)	Maintenance	Roofing
10194468	V-FORM Scaffolding Kit	■			
10194467	V-FORM Scaffolding light Kit	■			
10194471	V-FIT Scaffolding Premium Kit	■			
10194466	V-FORM Mobile Platform Restraint Kit		■		
10196371	V-FORM Mobile Platform Kit		■		
10196372	V-FIT Mobile Platform Premium Kit		■		
10194469	V-FORM Maintenance Kit				
10194470	V-FIT Maintenance Premium Kit			■	
10194465	V-FORM Construction Kit				■

When selecting a kit, please abide any local regulation that could restrict the choice for your country.

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## MSA—The Safety Company

*Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly-sophisticated devices and protective gear—the result of countless R&D hours, relentless testing and an unwavering commitment to quality that saves lives and protects millions of hard working men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to help ensure that users around the world remain protected in even the most hazardous of situations. MSA's mission is to see to it that men and women may work in safety and that they, their families and their communities may live in health throughout the world.*

**MSA: We Know What's At Stake.**

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