

Personal protection equipment

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Professional and user-orientated

Whether professional equipment with a high comfort requirement or cost-oriented basic equipment – we offer support for the best choice for your application.

Innovative

Integrated accessory system, Teflon-coated harness, mini fall protection device for attachment on floor level... see the innovative power of our range for yourself. Make the most of simply good ideas when it comes to quality and security.

Safe

We test your personal protection equipment from all manufacturers and ensure that you will only be working at heights with material which is in perfect working order.

Essential fall protection elements

Wherever there is the danger of a fall, measures must be taken to prevent this.

Current regulations prescribe the appropriate fall protection even from the smallest heights (often from 1 m). Protect yourself and your employees from the effects of a dangerous fall with a professionally selected safety or restraint system.

If the risk of falling at the place of work cannot be eliminated by a collective protective device, then personal protection against falling is necessary. With this equipment, a person must be secured to an attachment point in such a way that a fall is either prevented completely or safely arrested. Even if a user hopefully never falls, this equipment must be worn all day long and should therefore be so comfortable that it does not obstruct work.



Attachment point & attachment aid

Attachment point: the general designation for a safe fastening point (e.g. beam, scaffolding, railing).

The attachment point must

- have a static strength of $> 10\text{ kN}$ over a period of 3 minutes (EN 795b)
- be attached at such a height that the user does not fall onto the underlying level in the event of a fall. It should be located as far as possible vertically above the workplace.

Attachment aid: Serves for the attachment of the connecting device to the attachment point (belt, steel sling, beam grab etc.).

- Must be suitable for the respective attachment point and have a static strength of at least 15 kN over a period of 3 minutes (EN 362).

Safety harness

The part of the personal protective equipment worn by the user.

- Serves to arrest the user's fall without him being injured or slipping out of the safety harness.
- The only protection equipment permissible for fall situations is the safety harness (complete belt). Holding belts, conversely, can be used for workplace positioning and as a component of retention systems.
- The activity to be carried out and the working environment should be taken into account when making a selection.
- Each arresting eye on a safety harness must have a static strength of $> 15\text{ kN}$ for a period of 3 minutes (EN 361 and EN 358).

Connecting devices

This important component connects the safety harness to the attachment point or the connecting aid (e.g. connecting device with or without energy absorber).

- It serves to limit the free fall of the user and must be selected taking into account the work to be done and the environment.
- In order to determine the type of connecting device necessary, the potential falling distance must be calculated. See page 285.

On their own, these components do not offer protection against falling. Used correctly together, however, they form the personal protective equipment that is of vital importance for safety at work and the entire fall protection system.

We inspect your personal protective equipment independent of the manufacturer!

Fall-arrest systems – overview of applications

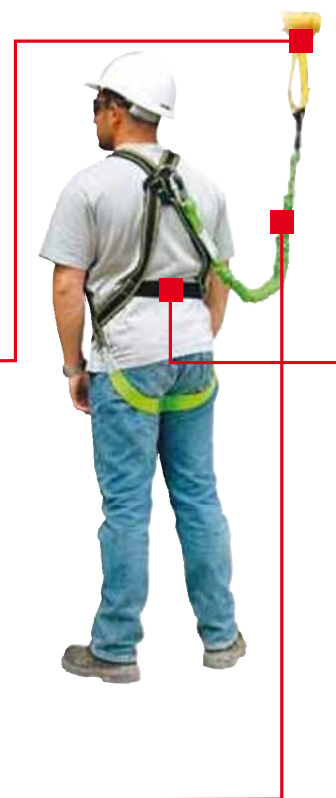
■ Arresting system with shock absorbing lanyard



**Attachment point EN 795
(Attachment aid)**
Catalogue page 295



**Energy absorber EN 355
Connecting device EN 354**
Catalogue pages 285–286



**Safety harness
EN 361**
Catalogue pages 278–282

Application area

- Fast attachment to attachment points which may change frequently
- Very easy and flexible to use
- Ideal when the working area is difficult to define
- It is not necessary for the user to have a movement radius larger than 2 m.

Please note

- large minimum working heights may be necessary, depending on the position of the attachment point (fall factor).
- relatively small movement radius

■ Arresting system with self retracting lifeline



**Attachment point EN 795
(Attachment aid)**
Catalogue page 295



Fall protection device EN 360
Catalogue pages 289–291



**Safety harness
EN 361**
Catalogue pages 278–282

Application area

- Large devices (rope extension > 5 m) are ideal for securing for large vertical or (depending on the approval) horizontal movement e.g. flat roofs, storage rows, ladder or machine accesses
- For large devices the attachment point is usually clearly defined
- Small devices (rope extension 2–3 m) are the ideal alternative to a flexible connecting device with energy absorber (varying attachment point)
- The ideal solution for small working heights due to shorter distance required to arrest the fall

Please note

- Must not be used if there is a risk of sinking or on slanting surfaces
- Attachment point must be at fall factor 0 (above head) or at least at fall factor 1 (shoulder height) unless the device is approved for horizontal use
- Never climb above the attachment point
- Avoid swinging effects. This is particularly important for devices with a long rope extension. (maximum angle of deviation from the vertical is usually not higher than 30°)



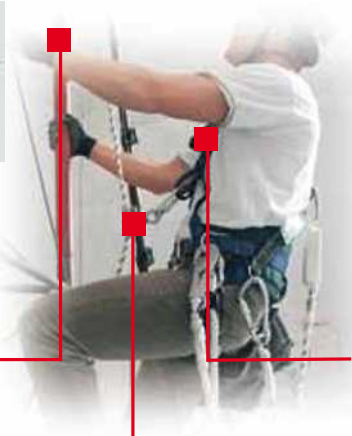
■ Arresting system with running arrester on the guide rope (moveable guide)



**Attachment point EN 795
(Attachment aid)**
Catalogue page 295



**Running arrester on moveable
guide EN 353-2**
Catalogue pages 287–288



**Safety harness
EN 361**
Catalogue pages 278–282

Application area

- Ideal for securing for larger vertical, angled or (depending on the approval) horizontal movement
- The attachment point is generally clearly defined
- Ideal for use on pitched roofs and in storage rows, ladder or machine accesses
- Can also be used on flat roofs as long as the device has the appropriate approval. However, what is known as slack rope formation can be critical if the rope is not kept under tension. In such cases an arresting system with fall protection device with horizontal approval is recommended as this only provides the amount of rope currently required.

Please note

- Avoid swinging effects
- Avoid slack rope formation
- Never climb above the attachment point

Systems for work positioning and restraint systems overview of applications

■ System for work positioning with safety harness and positioning lanyard

(shown here in combination with arresting system with fall protection device)



Safety harness EN 361 with integrated safety belt in accordance with EN 358 (alternatively separate safety belt)
Catalogue pages 278–282



Positioning lanyard EN 358
Catalogue page 286

Application area

- Positioning at work in unsafe standing conditions
- A retention system enables the user to take up an optimal working position by leaning over, leaving both hands free for the job in hand.
- Working e. g. on masts or other exposed work locations with little space to stand

Please note

- Retention systems (safety belt and holding rope) are not intended for fall protection. If there is a danger of falling, then an arresting system must also be set up.

■ Restraint system with safety belt and positioning lanyard



Safety harness EN 361 with integrated safety belt in accordance with EN 358 (alternatively separate safety belt)
Catalogue pages 278–282



Positioning lanyard EN 354 without energy absorber, to keep distance to the fall edge, or running arrester with fixable rope shortener

Application area

- A restraint system prevents the user from entering the area where there is a risk of falling (the fall edge).
- The positioning lanyard is designed in such a way that it is impossible to overstep the fall edge
- It is generally preferable to have a restraint system than a fall protection system as long as this can be achieved.
- Ideal application for e. g. maintenance work on flat roofs where the working area is clearly defined.

Please note

- It must be guaranteed absolutely that the restraint is defined in such a way that there is no danger of a fall.



Assembly and equipment features of a safety harness (which harness do I need?)

Chest and back eyes...

... serve to transfer forces after the fall and are located solely at chest height as this is where the force can be absorbed best.

These are the only eyes which are approved for fall protection.

Harnesses with a **back eye** are the basic minimum equipment for fall protection and the economical version

Harnesses with an **additional chest eye** provide a further attachment option for the user (use may require chest eye) and a free eye for the rescuer in emergency.

Harnesses for fall protection are classified in accordance with EN 361

Example of PPE products used with arresting eyes



Connecting device with energy absorber



Running arrester on guide rope



Fall protection device

Example of application

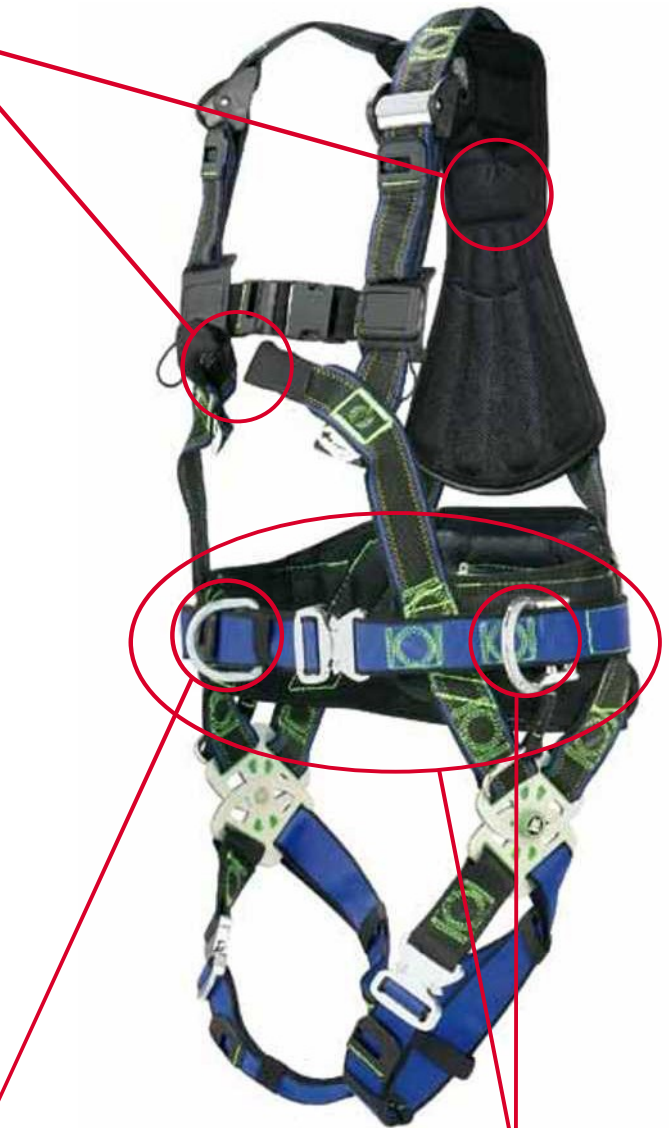


Add. climbing protect. eye on the retaining belt...

... is used for ascent of climbing protection systems

The climbing protection eye is approved solely for the ascent of climbing protection systems!

Example of application



Retaining belt with retaining eyes...

... is intended for work positioning in unsafe standing conditions and is used solely for this purpose.

These eyes are approved solely for creating a restraint or positioning system!

Harnesses are classified in accordance with EN 358

Example of PPE products used with retaining eyes



Holding rope



Lanyard



Example of application

Safety harnesses complying with EN 361/358/813

Select from our 4 series for your different requirements!

4 Series

You're sure to make the correct selection with us!

■ The Top line

- 8 unique and innovative components characterise this new belt series
- Unsurpassed wearing comfort
- Innovative, integrated accessory system opens up completely new possibilities to you when working with fall protection equipment
- Versions with innovative Dual-Tech harness belt or the proven Dura-Flex technology

You can find us on page 278–279



Revolution safety harness series



■ The elastic ones

- The safety harnesses that do everything you do
- Outstanding wearing comfort
- Elastic Dura-Flex belt material promotes correct, closely fitting and hence safe wearing
- Fast adjustment of all belts
- Longer service life due to Teflon coating

You can find us on page 281



■ The classic ones

- Safety harness made of classic polyester harness belts of the highest quality
- Optimum belt shape for high comfort
- Outstanding treatment of all used parts and components

You can find us on page 282



■ The inexpensive ones

- The inexpensive harness series for simple requirements

You can find us on page 282



■ The Top line

8 unique components, developed for:

- maximum safety
- maximum saving of time
- outstanding wearing acceptance
- absolute comfort
- unequalled functionality

CAM BUCKLE

Simple adjustment/release with one hand makes the simultaneous adaptation of both shoulder belts possible.



BELT END CLIPS

Serve for safe stowing of the harness belt after adjustment.



PROTECTED LABEL POCKET

Integrated label pocket for storing labels, in order to protect them against damage or loss.



Revolution safety harness series: The turning point in safety harness design!

LABEL SET

Four bright coloured labels for adhering serve for entering the date of the next examination, area of application, user name etc.



PIVOTLINK™ CONNECTION

The unique, swivelling design ensures greater mobility and comfort.



ERGO ARMOR™ COMFORT BACK CUSHION

The semi-rigid Ergo Armor comfort back cushion minimises the impacts of sharp-edged/heavy automatic snap hooks and fall protection devices.



INTEGRATED ACCESSORY SYSTEM

The modular fastening system offers organisation options for tools/accessories.



AVAILABLE HARNESS BELT OPTIONS

DualTech™ harness belt: Putting it on is easy, since both sides have different colours and surface characteristics. The basic harness has a shape memory in order to ensure better wearing comfort.

DuraFlex® harness belt: Patented harness belt made of elastomer which moves with the user without cutting in or hanging loose.



■ Type with elastic harness belt for maximum comfort

Safety harness Revolution Comfort DuraFlex

2-point system for fall protection
EN 361

Elastic DuraFlex harness belt

1 arresting eye in the back area

1 arresting eye in the chest area

Completely adjustable

Automatic quick-release closures

Revolution accessory system

Size	Reference no.
S/M	203592
L/XL	203593
XXL	203594



Safety harness Revolution R6 DuraFlex

5-point system for fall protection, positioning, rescue, climbing protection
EN 361, EN 358, EN 813

Elastic DuraFlex harness belt

1 arresting eye in the back area

1 arresting eye in the chest area

2 retaining eyes

1 climbing protection eye

Completely adjustable

Automatic quick-release closures

Revolution accessory system

Size	Reference no.
S/M	203599
L/XL	203600
XXL	203601



■ Type with double-layer harness belt with “shape memory” to facilitate putting it on

Safety harness Revolution Comfort DualTech

2-point system for fall protection
EN 361

DualTech harness belt

1 arresting eye in the back area

1 arresting eye in the chest area

Completely adjustable

Automatic quick-release closures

Revolution accessory system

Size	Reference no.
S/M	203595
L/XL	203597
XXL	203598



Safety harness Revolution R6 DualTech

5-point system for fall protection, posi-
tioning, rescue, climbing protection

EN 361, EN 358, EN 813

DualTech harness belt

1 arresting eye in the back area

1 arresting eye in the chest area

2 retaining eyes

1 climbing protection eye

Completely adjustable

Automatic quick-release closures

Revolution accessory system

Size	Reference no.
S/M	203602
L/XL	203603
XXL	203604



■ Revolution/integrated accessories system

- ▶ The PivotLink connection offers a fastening point for a series of accessories and tool bags with an innovative design.
- ▶ The special design distributes the weight of the accessories evenly across hips and shoulders, in order to ensure comfort and mobility.



Accessory bags, open

Size	Reference no.
small	203614
large	203613



Water bottle holder (without bottle)

Reference no.
203612



Tool bag with 2 compartments

Reference no.
203615



Shoulder/leg pad

Reference no.
203617



Personal protection equipment



Tool bag lockable

Reference no.
217928



Telephone pockets

Size	Reference no.
small	203607
large	203610



Tool bag with hammer holster

Reference no.
217927



Label sets

Colour	Reference no.
blue	203621
yellow	203622
red	203623
green	203624



Hammer holster

Reference no.
240153



Bag for ratchet wrench

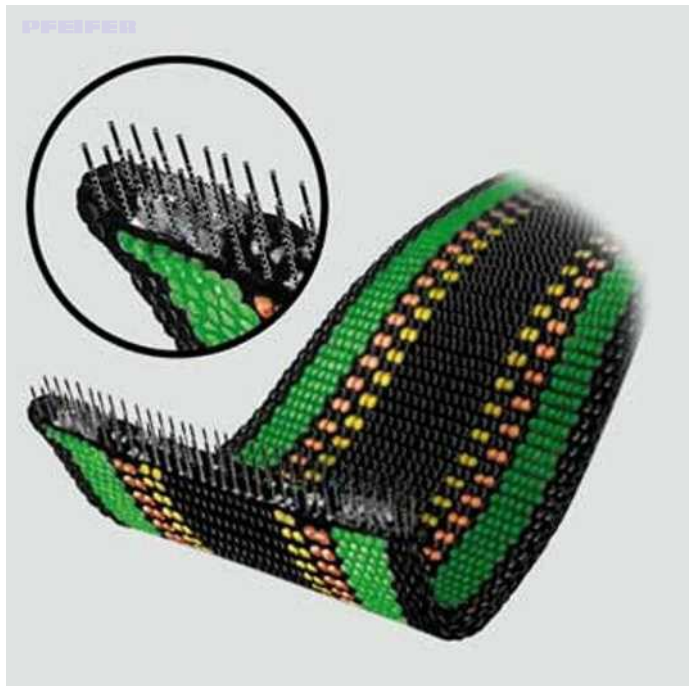
Reference no.
240154



Safety harnesses complying with EN 361/358



- ▶ **THE INNOVATION**
- ▶ The DuraFlex harness is flexible and adapts perfectly to the shape of the user's body.
- ▶ Long service life of your harnesses.
- ▶ Teflon coating protects against oil, grease, dirt and concrete dust and thus reduces wear!



Secure more simply: Back arresting eye extension (40 cm) optionally available for all AGU DuraFlex safety harnesses.



■ The elastic ones



AGU10 DuraFlex safety harness

1-point system for fall protection
EN 361
DuraFlex Teflon-coated harness belt
1 arresting eye in the back area
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	197647
XL	197648



AGU30 DuraFlex safety harness

2-point system for fall protection
EN 361
DuraFlex Teflon-coated harness belt
1 arresting eye in the back area
1 arresting eye in the chest area
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	197649
XL	197650



AGU90 DuraFlex safety harness

3-point system for fall protection and positioning
EN 361/EN 358
DuraFlex Teflon-coated harness belt
1 arresting eye in the back area
2 lateral retaining eyes
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	197665
XL	197666



AGU90 (S) DuraFlex safety harness

4-point system for fall protection, positioning and climbing protection
EN 361/EN 358
DuraFlex Teflon-coated harness belt
1 arresting eye in the back area
2 lateral retaining eyes
1 climbing protection eye
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	171913



■ The classic ones



AGU10 safety harness

1-point system for fall protection
EN 361
Polyester harness belt
1 arresting eye in the back area
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	197651



AGU30 safety harness

2-point system for fall protection
EN 361
Polyester harness belt
1 arresting eye in the back area
1 arresting eye in the chest area
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	154556



AGU90 safety harness

3-point system for fall protection and positioning
EN 361/EN 358
Polyester harness belt
1 arresting eye in the back area
2 lateral retaining eyes
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	105846



AGU90 (S) safety harness

4-point system for fall protection, positioning and climbing protection
EN 361/EN 358
Polyester harness belt
1 arresting eye in the back area
2 lateral retaining eyes
1 climbing protection eye
Completely adjustable
Automatic quick-release closures on enquiry

Size	Reference no.
M/L	135057

■ The inexpensive ones



Titan 1P safety harness

1-point system for fall protection
EN 361
Polyester harness belt
1 arresting eye in the back area
Leg belts adjustable

Size	Reference no.
M/L	197675



Titan 2P safety harness

2-point system for fall protection
EN 361
Polyester harness belt
1 arresting eye in the back area
1 arresting eye in the chest area
Leg belts adjustable

Size	Reference no.
M/L	197676



Titan 4P safety harness

4-point system for fall protection and positioning
EN 361/EN 358
Polyester harness belt
1 arresting eye in the back area
1 arresting eye in the chest area
2 lateral retaining eyes
Completely adjustable

Size	Reference no.
M/L	197678

Multi-function safety vests complying with EN 361/358/471 (Class 2 warning protection)

with integrated MA04 elastic DuraFlex safety harness

- ▶ As easy and quick to put on as an article of clothing
- ▶ Water and dirt-repellent
- ▶ Practical pockets and side loops for tool bags
- ▶ Numerous adjustment options for perfect fit

All vests are available separately as spare parts.
Warning vests also available in orange.



Multi-function safety vests

2-point system for fall protection
EN 361
MA04 elastic DuraFlex safety harness
1 arresting eye in the back area
1 arresting eye in the chest area
Completely adjustable
Automatic quick-release closures

Size	Reference no.
M/L	179345
XL	171914



Multi-function warning protection safety vests (reflective)

2-point system for fall protection
EN 361/EN 471
MA04 elastic DuraFlex safety harness
1 arresting eye in the back area
1 arresting eye in the chest area
Completely adjustable
Automatic quick-release closures

Size	Reference no.
M/L	200882
XL	200883



Multi-function warning protection safety vests (reflective)

▶ **New: with retention belt**
5-point system for fall protection, positioning and climbing protection
EN 361/EN 358/EN 471
MA60 elastic DuraFlex safety harness
1 arresting eye in the back area
1 arresting eye in the chest area
2 lateral retaining eyes
1 climbing protection eye
Completely adjustable
Automatic quick-release closures

Size	Reference no.
M/L	217930
XL	217931



Relief step emergency sling

You should always have this possibility!

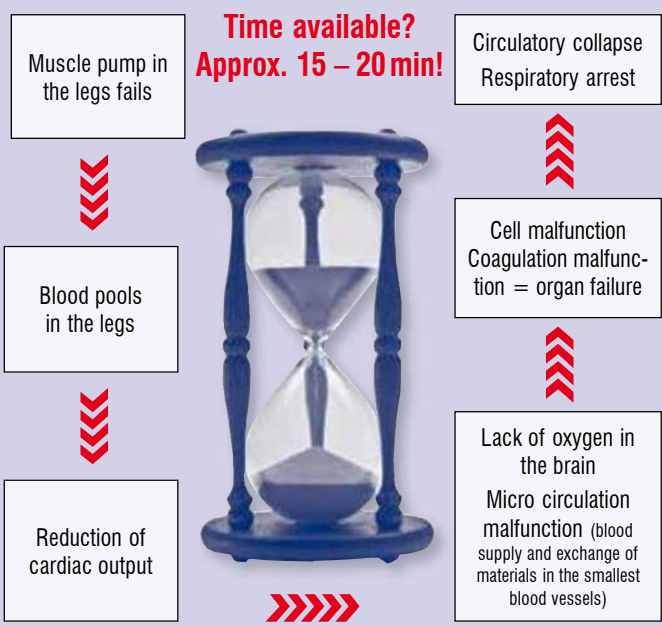
There is very little time after a fall. The person must be released from this life-threatening situation as quickly as possible

The Relief Step™ step sling reduces the effects of orthostatic intolerance which is also referred to as suspension trauma in this context. In the event of a fall, the affected person hangs sitting upright in the harness. This static posture can result in blood congestion in the legs. This can restrict the blood supply to the brain and other important organs which can lead to unconsciousness. If there is no immediate rescue, then serious or even life-threatening injury can occur. The step sling was developed to provide a rapid and simple solution to preventing suspension trauma.

■ A fatal suspension trauma can occur within a few minutes after a fall while the affected person is awaiting rescue.



Stages in suspension trauma after a fall



Use of Relief Step emergency sling

(can be attached to any safety harness)

Simple to open and use



1 Pull the belt to open the device



2 Step into the step sling and adjust the length.



3 You can now stand in the sling which improves circulation.



4 Two step slings provide additional support, balance and relief.

Relief step sling

- ▶ For relief after a fall
- ▶ In an emergency, gives you important time to be saved
- ▶ Avoid suspension trauma and its serious consequences
- ▶ Step slings can be combined with any brand of safety harness

Step sling for the prevention of an orthostatic shock after a fall. You can relieve yourself quickly. For fastening to the safety harness.

Box containing 12 pairs.

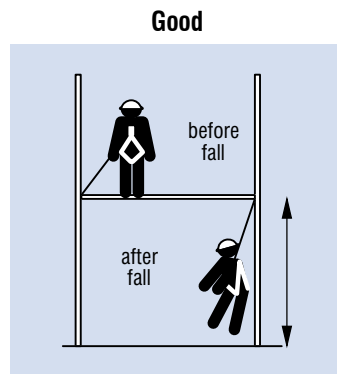


Reference no.	Version
206635	Box containing 12 pairs.

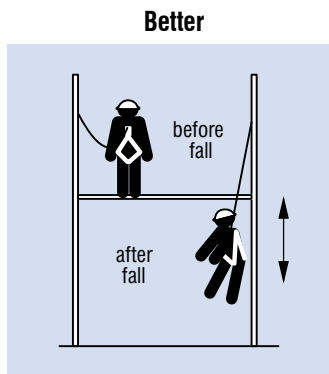
Shock absorbing lanyards acc. to EN 355



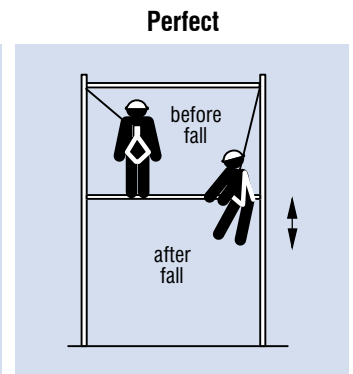
Please note!
Minimum working height = falling distance + 1 m safety margin
 (Running arresters or fall protection devices are the best choice for low working heights)



FACTOR 2
 (at foot height)



FACTOR 1
 (at shoulder height or above)



FACTOR 0
 (tense above the head)

Maximum falling distance with a 2-metre long connecting device with energy absorber



The user falls a maximum of 5.75 metres (double the length of the connecting device plus the length of the activated energy absorber).

The user falls a maximum of 3.75 metres (the length of the connecting device plus the length of the activated energy absorber).

The user falls a maximum of 1.75 metres (the length of the activated energy absorber, if it is activated).

Edge-tested shock absorbing lanyards Manyard Edge

- ▶ Edge-tested energy-absorber connecting device with flexible protective sleeve and a special damping fabric
- ▶ In edge-tested design for even greater safety
- ▶ Newly developed, patented protective sleeve with high flexibility and high breaking and shear strength
- ▶ Extremely light and flexible
- ▶ Follows your movements
- ▶ No tripping or hanging
- ▶ Greater safety and freedom of movement
- ▶ The specially woven, energy-absorbing core decreases the arresting shock evenly, without a load peak
- ▶ The sturdy, Teflon-coated outer sleeve serves as a retaining connecting device
- ▶ Fall indicator (warning flag) signals replacement state of wear after a fall

EN 355

















Length m	User connection	Anchorage connection	Reference no.
2.0	Steel screw snap hook	Steel screw snap hook	240159
2.0	Aluminium screw snap hook	Aluminium scaffolding hook (63mm)	240158
1.5	Steel screw snap hook	2 x aluminium scaffolding hook (63mm)	240161
2.0	Steel screw snap hook	2 x aluminium scaffolding hook (63mm)	240160



Standard shock absorbing lanyards

With 12 mm polyamide rope (Y connecting device with 23mm harness belt).
EN 355



Length m	User connection	Anchorage connection	Reference no.
1.5	Screw snap hook 	Screw snap hook 	198419
2.0	Screw snap hook 	Screw snap hook 	198418
1.5	Screw snap hook 	Automatic snap hook (22mm) 	198421
2.0	Screw snap hook 	Automatic snap hook (22mm) 	198420
1.5	Screw snap hook 	Scaffolding hook (50mm) 	198423
2.0	Screw snap hook 	Scaffolding hook (63mm) 	198417
2.0	Screw snap hook 	2 x scaffolding hooks (63mm) 	198414

Edge-tested shock absorbing lanyards Sharp Edge

► In edge-tested design for even greater safety

With 12 mm kernmantle rope
EN 355

Length m	User connection	Anchorage connection	Reference no.
2.0	Screw snap hook 	Screw snap hook 	217959
2.0	Automatic snap hook (22mm) 	Scaffolding hook (63mm) 	217958
2.0	Screw snap hook 	Scaffolding hook (63mm) 	217960
1.5	Screw snap hook 	2 x scaffolding hooks (63mm) 	217961



Positioning lanyard

AB4 mast securing rope

- Ensures safe, free-handed working.
- The adjuster (rope-shortener) can be attached and adjusted with one hand.
- Stainless steel rope shortener.

EN 358
Polyamide rope 16 mm, V2A rope shortener, 2 snap hooks, cable protection sleeve

Area of application: positioning and holding, no arresting!

Length m	Reference no.
1.5	201572
2.0	201576



Wire lifelines with rope grab complying with EN 353-2/EN 696

- ▶ Wire lifelines with rope grab prevent the user from falling when ascending or descending.
- ▶ If the user falls or slips, the grab on the guide rope locks and arrests the fall immediately.
- ▶ The devices slide along the guide rope independently in use.



Titan wire lifeline with rope grab

The affordable solution with runner including guide rope

- ▶ Made of stainless steel
- ▶ Suitable for applications with up to 30° deviation from the vertical (e. g. on pitched roofs)

Runner with 0.3m connecting belt
 12mm polyamide guide rope
 Screw and automatic snap hook
 Runner cannot be removed from the rope

Version	Reference no.
10 m	198582
15 m	198588
20 m	198589
30 m	198590



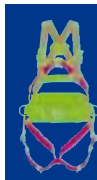
Stick Run wire lifeline with rope grab

Removable and without guide rope

- ▶ Made of stainless steel
- ▶ Switchable from automatic to manual running
- ▶ Suitable for applications with up to 30° deviation from the vertical (e. g. on pitched roofs)
- ▶ Removable from the rope (e. g. in order to replace the rope)

Runner with 0.3m connecting belt

Version	Reference no.
For 14mm twisted polyamide rope	201577
For 10 mm kernmantle rope	198593





Polyamide guide rope, 14 mm, twisted, for Stick Run (201577)

- ▶ Suitable for applications with up to 30° deviation from the vertical (e.g. on pitched roofs)

Including screw snap hook and rope weight

Version	Reference no.
10 m	201578
20 m	201579
30 m	201580
40 m	201581
50 m	201582



Kernmantle guide ropes 10 mm for Stick Run (198593)

- ▶ Suitable for applications with up to 30° deviation from the vertical (e.g. on pitched roofs)

Including screw snap hook and rope weight

Version	Reference no.
10 m	198595
20 m	198596
30 m	198597
40 m	198599
50 m	198600

■ Wire lifelines with rope grab for horizontal use



MSK wire lifeline with rope grab

The complete solution, even for horizontal applications (e.g. use on flat roofs).
Guide rope included

- ▶ Made of stainless steel
- ▶ Suitable for vertical and horizontal applications

16mm polyamide guide rope

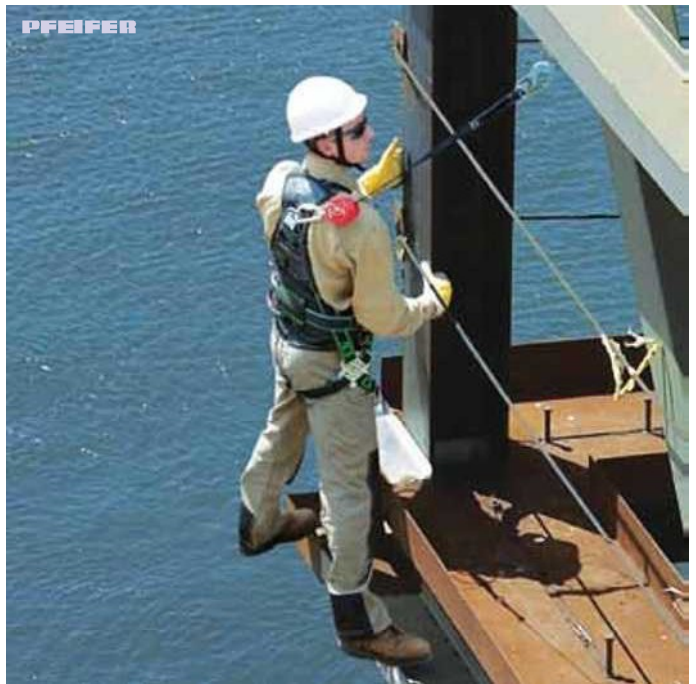
Runner with 0.4m connecting belt

Automatic snap hooks on runner and guide rope

Version	Reference no.
5 m	135062
10 m	135063
15 m	135064
20 m	135065

Self-retracting lifelines complying with EN 360

- ▶ Self-retracting lifelines are the ideal solution for low working heights
- ▶ If the user falls or slips, the fall protection device locks and arrests the fall immediately.
- ▶ Small self-retracting lifelines are the affordable alternative to connecting devices with energy absorbers



Falcon self-retracting lifeline (steel rope)

- ▶ No annual inspection by the manufacturer necessary
- ▶ Lifetime housing warranty on composite housings with rust-proof interior workings
- ▶ Swivel on upper and lower side with fall indicator



EN 360

With automatic snap hook
In models with galvanised steel rope or stainless steel rope

Version	Reference no.
6.2m galvanised steel rope	194378
10.0m galvanised steel rope	194379
15.0m galvanised steel rope	194380
20.0m galvanised steel rope	194381
6.2m stainless steel rope	198456
10.0m stainless steel rope	198457
15.0m stainless steel rope	198458
20.0m stainless steel rope	198459



HSG self-retracting lifeline (steel rope)

- ▶ Extremely high-quality self-retracting lifelines
- ▶ Suitable for tough operating conditions
- ▶ Galvanised, yellow chromated steel housing guarantees 100% functionality even in harsh operating conditions
- ▶ Complex safety catch technology prevents seizing due to ice formation or dirt



EN 360

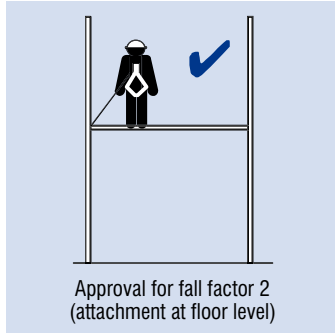
Version	Reference no.
5.0m	198462
10.0m	198463
16.0m	198464
22.0m	198465
30.0m	198466



Turbo Lite mini self-retracting lifeline (harness belt)

- ▶ Approved and suitable for fall factor 2 (attachment below the feet)
- ▶ Particularly low working heights can be achieved
- ▶ The ideal alternative to connecting devices with energy absorbers
- ▶ Exceptionally compact and light (from 0.85 kg)
- ▶ Patented, ultra-fast acting stainless steel braking system
- ▶ Long service life due to tough nylon body
- ▶ No mandatory inspections

new!
*Extremely light,
extremely flexible!*



Minimum working height 1.8 m with fall factor 0 (attachment above head)
Minimum working height 4.3 m with fall factor 2 (attachment at floor level)
EN 360



Length m	Snap hook on the body	Snap hook on the harness strap	Reference no.
2	Steel twist-lock snap hook (18mm)	Steel twist-lock snap hook (18mm)	232695
2	Steel twist-lock snap hook (18mm)	Aluminium scaffolding hook (63 mm)	232696
2	Aluminium scaffolding hook (63 mm)	Steel twist-lock snap hook (18mm)	232697
2	Aluminium twist-lock snap hook (16mm)	Aluminium automatic snap hook (21 mm)	232698

Black Rhino mini self-retracting lifeline (stainless steel rope)

- ▶ Inspection-free device with stainless steel rope and an aluminium composite housing

EN 360

Version	Reference no.
With swivelling snap hook and swivelling automatic snap hook (movement radius 2.7 m)	201585
With 63 mm swivelling scaffolding hook and swivelling automatic snap hook (picture), (movement radius 2.85 m)	201586



Scorpion mini self-retracting lifeline (harness belt)

- ▶ Inspection-free device with Teflon-coated harness belt and an aluminium composite housing

EN 360

Version	Reference no.
With snap hook and swivelling automatic snap hook (picture), (movement radius 2.7 m)	198467
With 63 mm swivelling scaffolding hook and swivelling automatic snap hook (picture), (movement radius 2.85 m)	198468
With swivelling snap hook and alloy scaffolding hook (movement radius 2.8 m)	198469

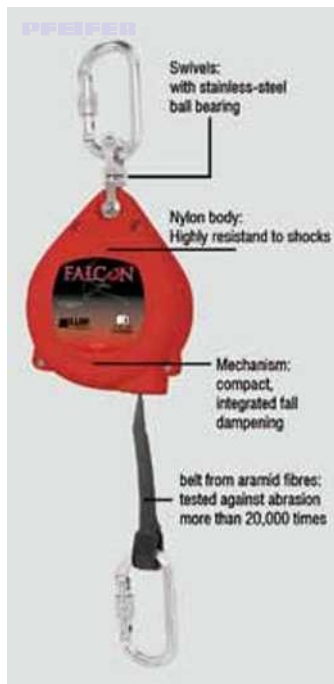






Self-retracting lifeline Falcon (harness strap)

- ▶ Best weight/length ratio on the market (only 1.5 kg at 6 m extension length)!
- ▶ Twist-free due to swivelling snap hook
- ▶ Lifetime guarantee on the housing
- ▶ Extreme longevity due to housing made of composite material

EN 360

*Weight only 1.5 kg
for a length of 6m!*



Version	Reference no.
Harness belt 6 m + swivel 	217966
Harness belt 6 m + swivel + scaffolding hook 63mm + screw snap hook 	217967
Harness belt 6 m + swivel + 2 screw snap hooks 	217968
Harness belt 6 m + swivel + screw snap hook + automatic snap hook 22mm 	217969

Load-securing devices

Revac load securing device

With galvanised steel rope
Tripping speed approx. 1.0 m/sec.
Operating temperature: -30°C to
+50°C

To safeguard the load in the event that
the support means breaks
The maximum permissible load can be
doubled by using a return pulley



Length m	Rope diameter mm	Max. load kg	Refer- ence no.
5	5	250	240193
8	5	250	240194
10	6	500	240195
15	6	500	240196

Caution! Not for personal protection!



Rescue devices in accordance with EN 341:2008 / EN 1496

Speed and safety is the first priority if a worker operating at height has to be rescued or evacuated.

BGR198 (Accident Prevention and Insurance Association Rules): In case of a fall, immediate rescue must be ensured using suitable measures. Dangers to health can arise from being suspended in the safety harness for long periods.

This new generation of rescue devices was developed so that, in an emergency, time does not run out and the worst ensue.



SafEscape Elite –

The next generation of rescue devices

- Maximum safety even in the toughest working conditions due to the very rugged construction (anodised aluminium housing)
- Low cost as revision-free for 7 years if not used (annual visual inspection can be carried out by technical expert)
- Optimum equipment design prevents swinging when lifting as well as vibrations when lowering, so making the rescue operation easier
- You can work anywhere due to the worldwide approval



Time can save lives!

■ Fall

Person hangs helplessly in the protection equipment

■ Unconsciousness or injury

Person must be rescued from exposed situation



■ Power failure

(e.g. aisle stacker) requires self-rescue

A rescue device is often essential for the following range of applications:

- Aisle stackers
- Cranes and crane systems
- Existing safety equipment in accordance with EN 795
- Pylons

- Aerials
- Wind turbines
- Gondolas and ski lifts
- High buildings

■ Rescue devices for rescue and self-rescue



SafEscape Elite rescue device (without rescue crank, for self-rescue)

new!

- ▶ Maximum safety even in the toughest working conditions due to the very rugged construction (anodised aluminium housing)
- ▶ Low costs – no mandatory inspection for 7 years if it has not been used (annual visual inspection can be done by technical expert)
- ▶ Optimum equipment design prevents swinging when lifting as well as vibrations when lowering, so making the rescue operation easier
- ▶ You can work anywhere due to the worldwide approval

Maximum abseiling height 500m with up to 250 kg (max. 2 people)

Controlled abseiling speed 1 m/sec.

EN341:2008 / EN1496 / ISO22159 / ANSI Z359.4-2007

Version	Reference no.
incl. 20m of 10.5mm kernmantle rope	238510
incl. 30m of 10.5mm kernmantle rope	238511
incl. 40m of 10.5mm kernmantle rope	238512
incl. 50m of 10.5mm kernmantle rope	238513

For devices with rope lengths other than those illustrated, please consult Pfeifer



SafEscape Elite with hoist rescue device (with rescue crank, for rescue and self-rescue)

new!

- ▶ Maximum safety even in the toughest working conditions due to the very rugged construction (anodised aluminium housing)
- ▶ Low costs – no mandatory inspection for 7 years if it has not been used (annual visual inspection can be done by technical expert)
- ▶ Optimum equipment design prevents swinging when lifting as well as vibrations when lowering, so making the rescue operation easier
- ▶ You can work anywhere due to the worldwide approval

Maximum abseiling height 500m with up to 250 kg (max. 2 people)

Controlled abseiling speed 1 m/sec.

EN341:2008 / EN1496 / ISO22159 / ANSI Z359.4-2007

Version	Reference no.
incl. 20m of 10.5mm kernmantle rope	238529
incl. 30m of 10.5mm kernmantle rope	238530
incl. 40m of 10.5mm kernmantle rope	238531
incl. 50m of 10.5mm kernmantle rope	238532

For devices with rope lengths other than those illustrated, please consult Pfeifer

■ Rescue equipment accessories

Rescue Bag

Red storage bag with printing 'Rescue'

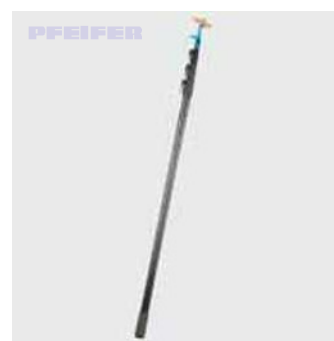
Dimensions cm	Reference no.
23 x 29 (M)	238563
26 x 69 (L)	238564
48 x 69 (XL)	238750



Telescopic rescue pole

For securely hooking into the rescuer's arresting eye, if he/she cannot be reached directly

Version	Reference no.
4.6 m (material: fibreglass)	238568



Personal protection equipment



Rescue rope clamp

For secure attachment to the rescuer's connecting device, if he/she cannot be reached

Version	Reference no.
For 10/12mm rope	238567



Titan attachment sling

EN 795

Attachment sling made of 23mm harness belt for one person for the attachment of the PPE connecting device at the attachment point

Version	Reference no.
0.6m	198577
0.8m	198578
1.0m	198579
1.2m	198580
1.5m	198581



Further meaningful SafEscape Elite – Rescue accessories as well as other rope lengths and our consultation (also at your place) can be received upon request.



Attachment aids complying with EN 795

The selection of attachment points, attachment aids or connecting elements for safe attachment in every situation is widely varied. We will be only too pleased to advise you and to offer you the special product for different substrate situations or mounting options!

- Attachment points for roofs, flat roofs and façades
- Window attachment points
- Pipe hooks
- Gripping clamps
- Telescopic poles etc. ...

Mobile horizontal lifeline

- ▶ **The attachment solution for construction sites and industry**
- ▶ **Enormous working length: 20 m!**
- ▶ **Fast and simple to install**

EN 795b

Fastening to fixed attachment points or provisionally with the supplied attachment slings made of harness belts

Suitable for use by 2 people

Two 1.5 m attachment slings as well as a transport box are included in the scope of supply.

Reference no.
201587

Steel sling, galvanised

EN 795

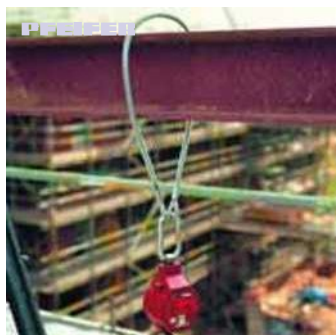
Length m

6.3 mm, made of galvanised steel with plastic coating

Opening: Ø 300 mm (or 250 x 250 mm for square structures)

Breaking load > 15 kN

Reference no.
195276



Beam clamp

- ▶ **The solution for PPE attachment to T-beams**

EN 795

Made of aluminium

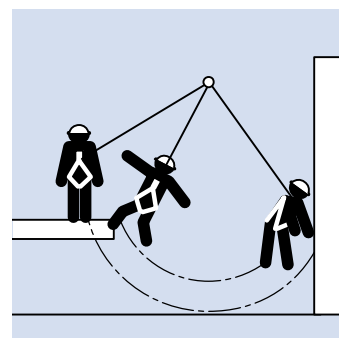
Adjustable up to a beam width of 360 mm

Reference no.
201588



Caution:

Avoid injury due to the pendulum effect in the case of a fall. Attach yourself perpendicularly above the head if possible.



Titan attachment sling

EN 795

Attachment sling made of 23 mm harness belt for one person for the attachment of the PPE connecting device at the attachment point

Version	Reference no.
0.6 m	198577
0.8 m	198578
1.0 m	198579
1.2 m	198580
1.5 m	198581



MR 00 single attachment point

- ▶ **With fall indicator**

EN 795, class A1

Material stainless steel

Reference no.
217973



Personal protection equipment



Set: Personal protective equipment

■ Complete sets of connecting device with shock absorbing lanyard

Set with shock absorber lanyard Titan

Contents: Titan single-point arrester belt with 2 m connecting device with energy absorber.

Reference no.
194569



Set with shock absorber lanyard Manyard (DuraFlex)

Contents: Rucksack with ME86 Manyard elastic energy-absorbing connecting device, 2.0 m, with scaffolding hooks and MA04 flexible 2-point safety harness

Reference no.
201593



■ Complete sets with self-retracting lifeline

Set with self-retracting lifeline Falcon (DuraFlex)

Contents: MA04 elastic 2-point DuraFlex safety harness, arresting eyes at front and back, Teflon-coated Falcon self-retracting lifeline made of highly impact-resistant nylon housing and 10 m wire rope extraction Grip-Fix attachment device with 100mm opening and storage box made of plastic.

Reference no.
217974



Set with self-retracting lifeline Turbo Lite (DuraFlex)

- ▶ Ideal for work with small fall area!
- ▶ With approval for fall factor 2 (attachment below the feet)

Contents: Rucksack with Turbo-Lite TL232696 mini fall self-retracting lifeline (18 mm steel twist-lock snap hook on the body, 63 mm aluminium scaffolding hook on the harness belt) and MA02 resilient 2-point safety harness

Reference no.
240218



Set with self-retracting lifeline Scorpion (DuraFlex)

- ▶ Light mini fall protection device with 2.8 m extension length!

Contents: Rucksack with Scorpion self-retracting lifeline (63 mm swivelling scaffolding hook and 22mm automatic snap hook) and MA04 elastic 2-point safety harness.

Reference no.
201594



■ Complete set with wire lifelines with rope grab

Set with wire lifeline with rope grab Titan

Contents: Titan 2-point safety harness and Titan automatic wire lifelines with rope grab with 10 m polyamide guide rope
Rope diameter 12 mm:

Reference no.
194570



Set with wire lifeline with rope grab Titan (DuraFlex)

Contents: Plastic case with MA04 elastic 2-point safety harness, running arrester with 15 m guide rope, d = 12 mm
Attachment belt 1.5 m

Reference no.
201596



■ Complete set with wire lifelines with rope grab for horizontal use

Set with wire lifeline with rope grab MSK horizontal (AGU10)

► Suitable for vertical and horizontal applications

Contents: Sheet-steel equipment case with AGU10 safety harness (TL197651) and MSK16 15 m wire lifeline with rope grab (horizontal approval)

Reference no.
240293



Set with wire lifeline with rope grab MSK horizontal (AGU30)

► Suitable for vertical and horizontal applications

Contents: Sheet-steel equipment case with AGU30 safety harness (TL197651) and MSK16 15 m running arrester (horizontal approval)

Reference no.
240294



Set with wire lifeline with rope grab MSK horizontal (AGU90)

► Suitable for vertical and horizontal applications

Contents: Sheet-steel equipment case with AGU90 safety harness (TL197651) and MSK16 15 m running arrester (horizontal approval)

Reference no.
240295



Fall protection safety and convenience for scaffolding fitters

In order to meet these requirements we offer a revolutionary development for personal fall protection equipment which is exactly tailored to the needs of scaffolding fitters and complies with the requirements of the Bau-BG (institution for statutory accident insurance and prevention in the building trade) and the Gerüstbauverband (scaffolding association) for a safe, convenient and practical system.

Innovations for scaffolding safety equipment:

- ▶ Specially approved connecting devices with 2.4 m length (including back eye extension) which guarantee the freedom of movement required in scaffolding work
- ▶ Innovative safety harnesses prevent fatigue while working
- ▶ Connecting devices tested on sharp edges for maximum safety
- ▶ Perfectly matched accessories

The special harness connecting device combination (length 2.4 m) lets you safely place the next frame even if no side protection has been placed in advance.

Section widths up to 3.2m can be constructed easily and safely. Please enquire about larger section widths.

The system can be used from the 3rd level of the scaffold if the attachment point is chosen at least 1 m above foot height.

■ Complete sets for scaffolders

Safety equipment set for scaffolders – premium

- ▶ The PPE Special Set – perfectly tailored for the scaffolding sector!
- ▶ Safe working with scaffolding, with the necessary freedom of movement

Contents: Equipment bag with Revolution Scaf safety harness (with back eye extension) and connecting device with Manyard Edge energy absorber (edge tested)

Size	Reference no.
S/M	223602
L/XL	223736

Set approved for scaffolders only

■ Accessories for scaffolding

Hammer holster

Reference no.
240153



Safety equipment set for scaffolders – standard

- ▶ The PPE Special Set – perfectly tailored for the scaffolding sector!
- ▶ Safe working with scaffolding, with the necessary freedom of movement

Contents: Equipment bag with AGU30 VB safety harness (with back eye extension) and connecting device with Manyard Edge energy absorber (edge tested)

Reference no.
223603

Set approved for scaffolders only



Bag for ratchet wrench

Reference no.
240154



Storage means and accessories

Sheet steel equipment case

Dimensions cm	Reference no.
37.5 x 25.5 x 18	199535



Equipment bag, PVC

Dimensions cm	Reference no.
27 D x 50 H	208399
27 D x 80 H	217977
27 D x 50 H	217978

Reference no. 217978 with shoulder belts



Plastic equipment case, small

Dimensions cm	Reference no.
42 x 27 x 15	201592



Rucksack, small

With holder for mobile telephone and document pocket

Dimensions cm	Reference no.
30 x 17 x 40	217975



Plastic equipment case, large

Dimensions cm	Reference no.
85 x 34.5 x 25	240215



Rucksack, large

Dimensions cm	Reference no.
34 x 28 x 62	207915

With document pocket



Ultra-light helmet with industrial approval

EN 397

Made of polypropylene

Adjustable for head circumference

53–61 cm

Colour	Reference no.
red	212991
white	217979



MD 50 arresting eye extension

With screw snap hook

For all safety harnesses

Reference no.
217982



Tripods complying with EN 795b

Fall protection devices with rescue mechanism complying with EN 360

In connection with our self-retracting lifelines (with rescue mechanism) and winches, our safety tripods form the core of a reliable and safe system for access in confined spaces and for rescue. Suitable for manhole entrances, tanks, hatches and other underground work, as well as in confined spaces or if no attachment point exists.



Tripod with Revac self-retracting lifelines

EN 795b/EN 360

Aluminium tripod with a maximum height of 2.44 m

Self-securing (no additional bracing of the feet necessary)!

Easily installed by 1 person.

Adjustable – delivered complete with pulley

The system solution for all requirements

Description	Reference no.
Tripod complete with self-retracting lifeline 16 m	201600
Tripod complete with self-retracting lifeline 30m	201603
Tripod complete with self-retracting lifeline 16m and 125 kg winch (18 m)	240298
Tripod complete with self-retracting lifeline 16m and 300 kg winch (18 m)	240299
Tripod complete with self-retracting lifeline 30m and 125 kg winch (32 m)	240300
Tripod complete with self-retracting lifeline 30m and 300 kg winch (32 m)	240301



MN10 tripod

Aluminium tripod with a maximum height of 2.1 m

Tripod weight excluding devices only 15 kg

Self-securing (no additional bracing of the feet necessary)!

Easily installed by 1 person.

Adjustable – delivered complete with pulley

The particularly light and mobile one

Description	Reference no.
MN10 tripod	201876
Might Evac self-retracting lifeline with rescue crank / 15m rope	201604
Mounting adapter for Might Evac 15m self-retracting lifeline	201605
Might Evac self-retracting lifeline with rescue crank / 30m rope	240302
Might Evac self-retracting lifeline with rescue crank / 40m rope	240303
Mounting adapter for Might Evac 30 + 40m self-retracting lifeline	240304





Permanent lifeline systems



Aids for high attachment points (telescopic poles)

Equipment for rope-assisted working



Snap hooks and pole gripper



Special fall protection equipment

... not found your particular application?

Please send us your enquiry!



Equipment for tree care



Equipment for rescue and evacuation while working at height

Window fall protection equipment



Railing/side protection systems

