

Permanent Lifeline Systems

FASSA



FALL ARREST SYSTEMS S.A. (Pty) Ltd.
P.O. Box 784, Randpark Ridge, Johannesburg, 2156, South Africa
Tel: +27 11 792 2001 Fax: +27 11 792 3368
Email: sales@fallarrest.co.za
www.fallarrest.co.za

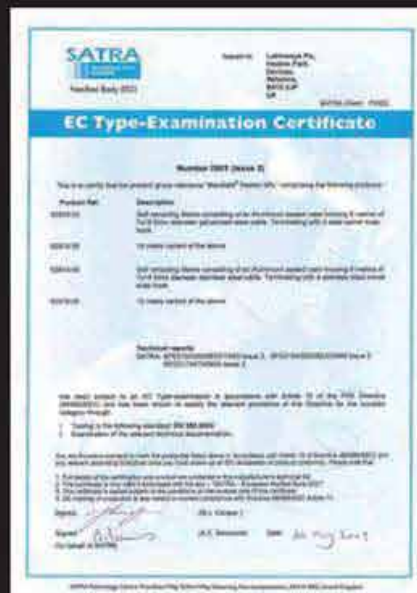
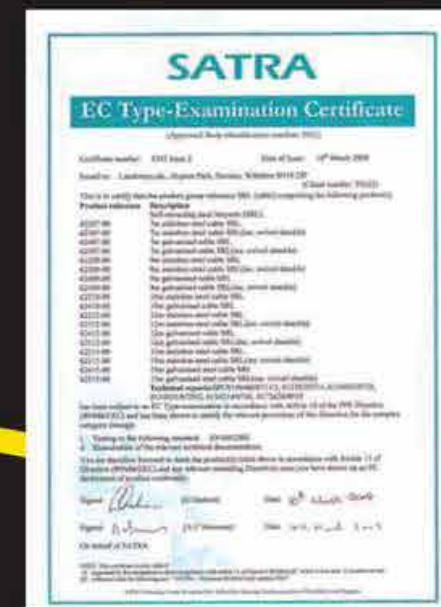
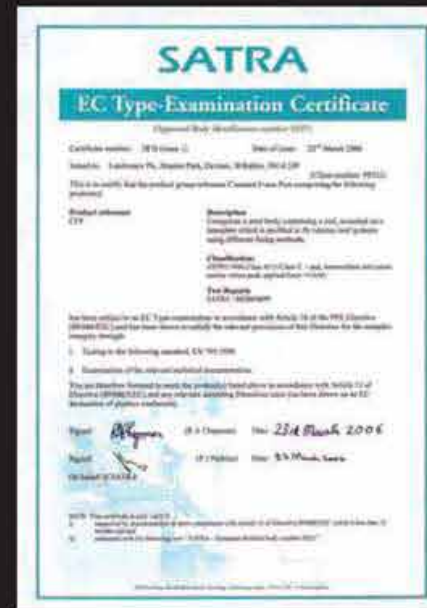
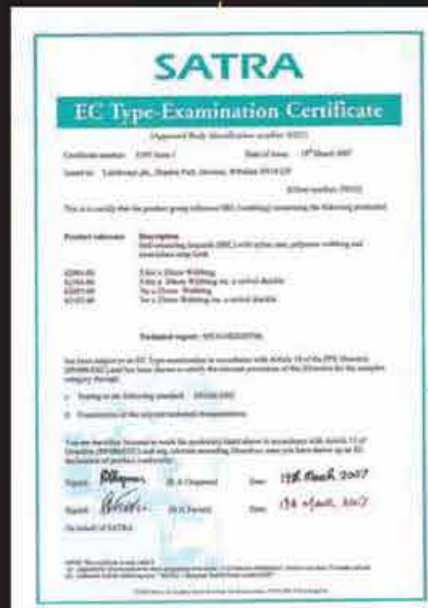


LATCHWAYS
FALL PROTECTION



FALL ARREST
SYSTEMS S.A.

Certificates



World's No. 1 Technology



The most Advanced Fall Arrest Systems



Widest Range in the Industry

- » Awarded Product Innovation of the Year 2012- "BSIF"
- » PPE Innovation of the Year and Best Innovation in Security and Emergency Response PPE 2012 –"Satra"
- » Products and Technical Solutions Gold Medal 2012- "SAWO"
- » Installations after conducting Fall Simulation Calculations
- » Longest Single Span system for 62 meters
- » IP certifications for Retractable Blocks
- » Self Rescue Harness for "rescue in just 27 seconds"
- » More than 35 years of expertise in Permanent Fall Arrest Systems

Awards & Achievements

FASSA

We @ FASSA

We, at Fall Arrest Systems South Africa Pty. Ltd (FASSA), bring to Africa, the world's most Advanced Height Safety Solutions, Latchways Fall Arrest Systems. With some of the most stringent Technical tests and great innovations, Latchways Fall Arrest Systems create the perfect, customized and long-term Fall Arrest solutions.

As a pioneer in the Safety industry, Latchways Fall protection has been giving award winning safety solutions to customers all over the world. The world's no.1 Fall Arrest Systems South Africa can be found from manufacturing plants to Transmission lines, from telecommunication to aerospace and from military to monuments. Being the innovator of the Engineered Cable based Safety systems, Latchways has been maintaining the technological superiority in Fall Arrest Systems all over the globe.

With more than 35 years of experience into Permanent Fall Arrest Systems, we have proven ourselves to be the most valuable & customer-orientated Height Safety Conglomerate.



Eiffel Tower



NASA



London Eye



Pentagon



Sidney Harbour Bridge



White House

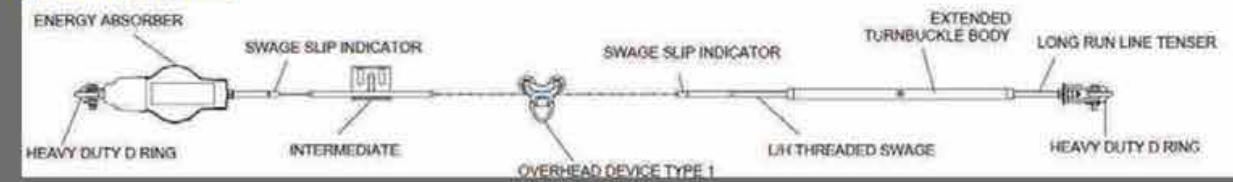


Airbus



Overhead System

System Layout



Major Components

- » Heavy Duty D-rings- Designed for end –anchors for engineered Horizontal Fall Arrest Systems with minimum breaking Strength of 45KN.
- » Constant Force Energy Absorber- Located at one end of the system, the energy absorber ensures that the maximum load transferred to the structure in event of fall does not exceed 18KN.
- » Overhead Device-Connects the user via SRL (Self Retracting Lifeline) to the overhead fall arrest cable. The unique features allow unhindered movement through intermediates.
- » Intermediate brackets-Support the cable on Multi-Span systems and also accommodate change in direction.
- » Cable- uses 1 x 19 Stainless Steel 8mm diameter cable.
- » Swage Slip indicator- Acts as an indicator for in event of a fall.
- » Line tensioning Device-Allows the system to be correctly tensioned for use. The indicator disc will spin freely when the correct tension is achieved.

Benefit /certifications

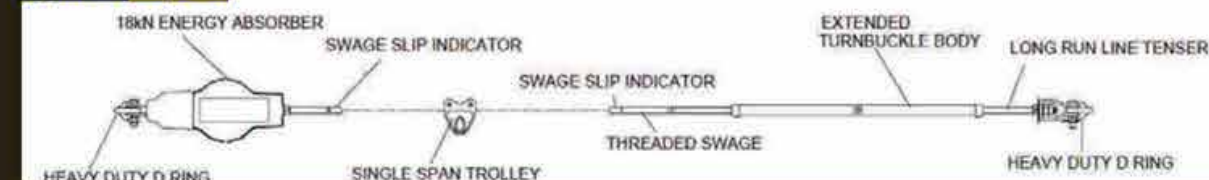
- ✓ System tested to EN 795 Class C.
- ✓ Mobile Anchorage certified by SATRA.
- ✓ Enjoy both unfettered mobility and continuous, hands-free security whilst at working at height.
- ✓ Suitable for virtually all industrial environments- warehouses, loading bays etc.
- ✓ Overhead Device remains permanently attached to the system.
- ✓ Can be retrofitted to existing structures or incorporated at design stage of new facilities.
- ✓ Easily Able to accommodate changes in directions.



SINGLE SPAN SYSTEM

Single Span System

System Layout



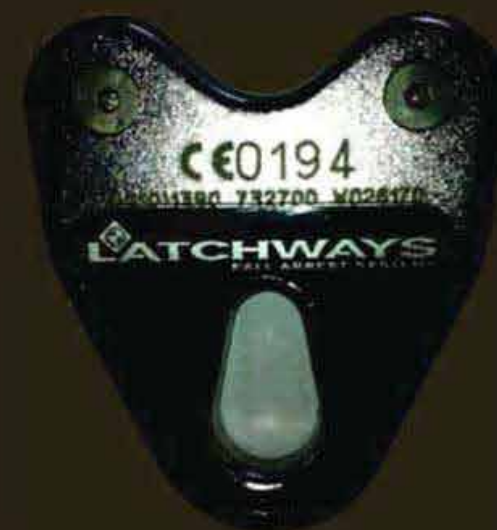
Major Components

- » Heavy Duty D-rings- Designed for end –anchors for engineered Horizontal Fall Arrest Systems with minimum breaking Strength of 45KN.
- » Constant Force Energy Absorber- Located at one end of the system, the energy absorber ensures that the maximum load transferred to the structure in event of fall does not exceed 18KN.
- » Trolley-Connects the user via SRL(Self Retracting Lifeline) to the overhead fall arrest cable.
- » Cable- uses 1 x 19 Stainless Steel 8mm diameter cable.
- » Swage Slip indicator- Acts as an indicator for in event of a fall.
- » Line tensioning Device-Allows the system to be correctly tensioned for use. The indicator disc will spin freely when the correct tension is achieved.

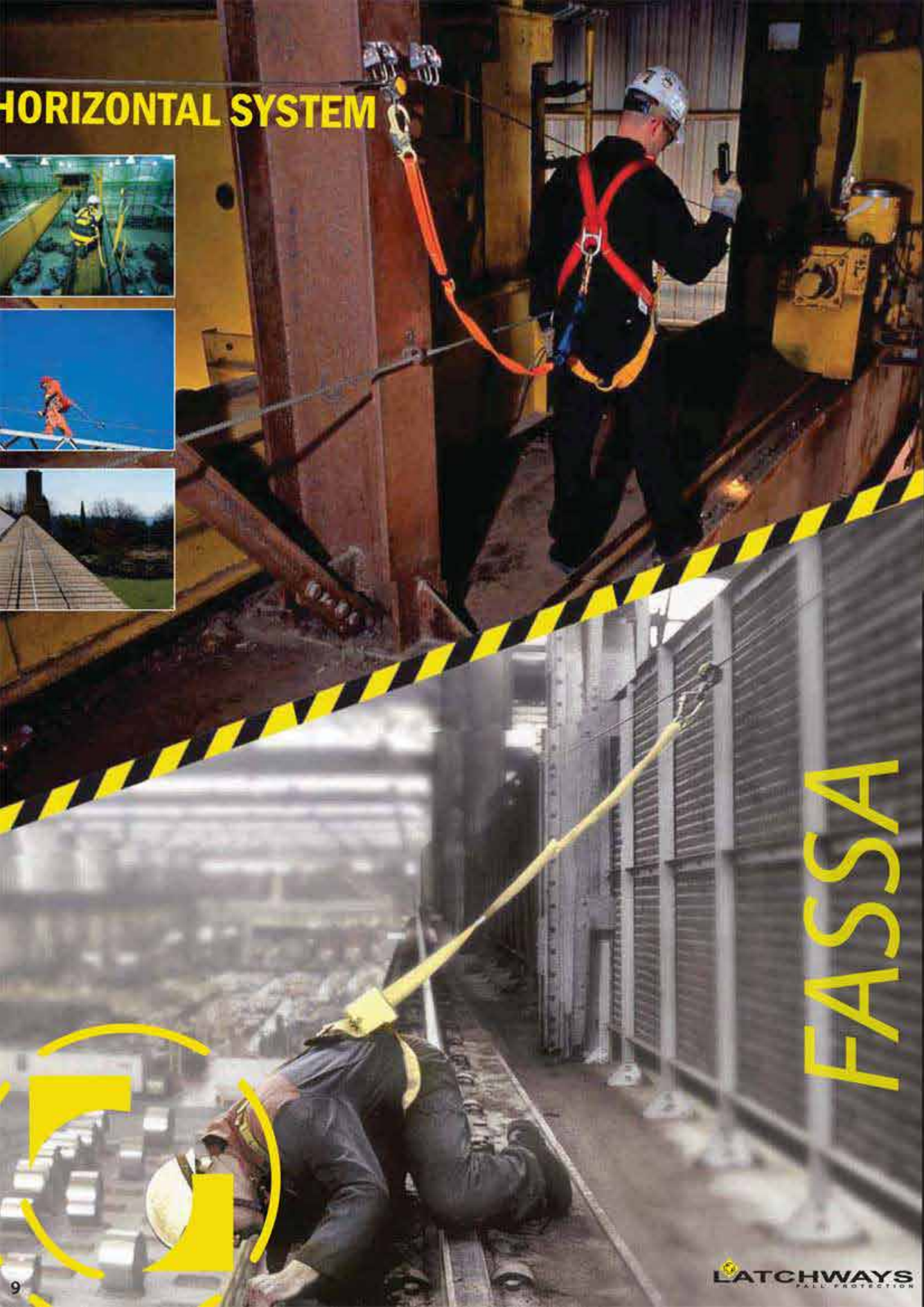


Benefit /certifications

- ✓ Suitable for virtually all industrial environments- warehouses, loading bays etc.
- ✓ Trolley remains permanently attached to the system.
- ✓ Can be retrofitted to existing structures or incorporated at design stage of new facilities.
- ✓ No Intermediate support required till 60 meters
- ✓ System tested to EN 795 Class C.
- ✓ Mobile Anchorage certified by SATRA.
- ✓ Enjoy both unfettered mobility and continuous, hands-free security whilst at working at height.



HORIZONTAL SYSTEM

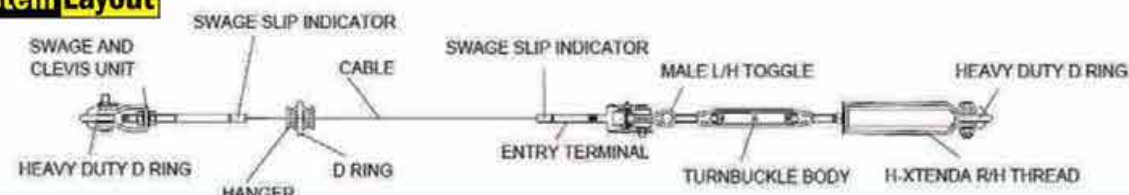


FASSA

LATCHWAYS
FALL PROTECTION

Horizontal System

System Layout



Major Components

- » Heavy Duty D-rings- Designed for end –anchors for engineered Horizontal Fall Arrest Systems with minimum breaking Strength of 45KN.
- » H-extend- Shock Absorber, which limits end –loads in the event of a fall.
- » Turnbuckle & toggle- Provides method of tensioning, the cable. Indicator Disc Shows, when correct pre-tension is achieved.
- » D-ring & hanger- Provides support for the cable. The Transfastener rotates freely over the hanger to ensure continuous protection.
- » Entry terminal- Used to provide entry onto and exit from the system when using a standard transfastener.
- » Transfasteners-Provides continuous attachment onto the system. Different Transfasteners are available depending on system applications.
- » Cable- uses 7 x 7 Stainless Steel 8mm diameter cable.
- » Swage slip indicator- Acts as an indicator for in event of a fall.



Benefit /certifications

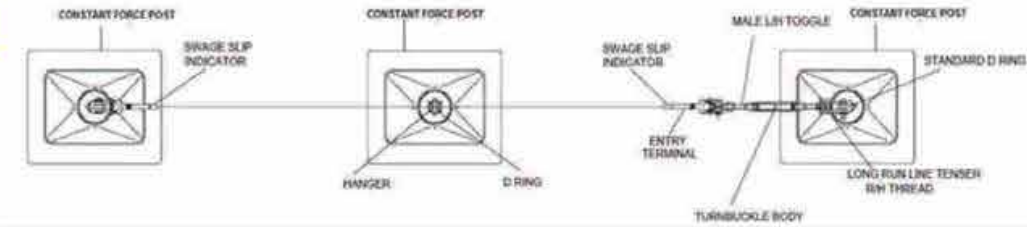
- ✓ Discreet and unobtrusive design and installation
System can go around corners, inclinations, accommodate horizontal and vertical sections
- ✓ Certified as per EN 795 : 1996
- ✓ Latchways purpose written , Windows based modelling software simplifies and verifies system design , load and deflections.
- ✓ All critical cast components are made of 17/4 pH grade Stainless Steel, carry a unique serial number and are subject to 100% x-ray inspection and dye penetration or magnetic particle test
- ✓ All components in SS 316 marine grade





Constant Force Post System

System Layout



Major Components

- » Constant Force Post - A UniQue Post with in-built energy absorber, which act as an end anchor & also facilitates for intermediate installation
- » Turnbuckle & toggle- Provides method of tensioning, the cable. Indicator Disc Shows, when correct pre-tension is achieved.
- » D-ring & hanger- Provides support for the cable. The Transfastener rotates freely over the hanger to ensure continuous protection.
- » Entry terminal- Used to provide entry onto and exit from the system when using a standard transfastener.
- » Transfasteners-Provides continuous attachment onto the system. Different Transfasteners are available depending on system applications.
- » Cable- uses 7 x 7 Stainless Steel 8mm diameter cable.
- » Swage Slip indicator- Acts as an indicator for in event of a fall.



Benefit /certifications

- ✓ Constant Force Technology - certified to EN 795 class C and class A2
- ✓ Representative Roof Test
- ✓ Roofing System Manufacturer Approval
- ✓ 300kg Dynamic Drop Test
- ✓ Multi-directional Testing
- ✓ Omni-Directional Post
- ✓ 6,000 J energy capacity Post
- ✓ Three user unrestricted system
- ✓ EN 365 Product Marking
- ✓ Foreseeable misuse



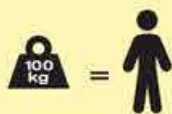
Fall protection standard

EN

The standard governing the testing of anchor devices is EN 795 and should be considered as the absolute minimum requirement. Systems are categorised within this standard as either being class A1, A2, B, C, D or E. The classes pertinent to the Constant Force post are A2 (isolated anchor devices) and C (anchor devices employing horizontal flexible lines).

Under the standard, anchor devices are tested by subjecting them to a dynamic test using a 100 kg mass — the equivalent of one person falling.

The Latchways Constant Force post exceeds this standard.



EN 795 test

Representative roof test

Latchways undertake extensive testing of complete and representative (6 m x 6 m) roofing systems. These take into consideration the supporting structure such as purlins, decks, spacer system, insulation and outer waterproofing covering.

Roofing system manufacturer approval

Latchways partner with industry-leading manufacturers to ensure a holistic approach. Latchways are therefore able to provide solutions for new roofing system innovation and ensure latest legislation is met. In addition, Latchways Mansafe solutions maintain the guarantees/warranties offered by partner manufacturers.

300 kg dynamic drop test

Latchways conduct this test using a 300 kg mass (the equivalent of three users) dropped through a distance of 1.5 m, on one post connected to the roofing system. This mass is 3 times the standard of 100 kg required by EN 795.



Latchways test

Multi-directional testing

- 1 In line with the seam, profile or deck
- 2 Across the seam, profile or deck
- 3 At 45° to the seam, profile or deck (static load only)

Omni-directional post

To ensure maximum protection for users, each post incorporates the Latchways unique omni-directional Constant Force energy absorber, enabling the post to deploy and control load in any direction.

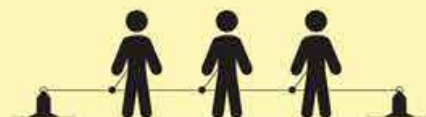
6000J energy capacity post

To ensure that the loads to the roof are maintained to 10 kN, each Constant Force post has the capacity to absorb at least 6000J of energy.



Three user unrestricted system

Unless otherwise stated, and with the exception of single point anchors, the Constant Force post system is suitable for access by up to three users at any one time and at any point along the length of the system, even between two anchors.



3 users unrestricted access

EN 365 product marking

The Latchways CFP is labelled in accordance with EN 365 standard.

Foreseeable misuse

Best practice dictates that the system layout be designed in fall restraint, however, Latchways also take into consideration foreseeable misuse of their products; for example, use of an incorrect lanyard length. In certain cases there may also be a requirement to utilise the fall protection system for carrying out rescue following a fall. Therefore, the anchor device should always be capable of controlling multi-user fall arrest loads irrespective of the system classification.

Constant Force technology

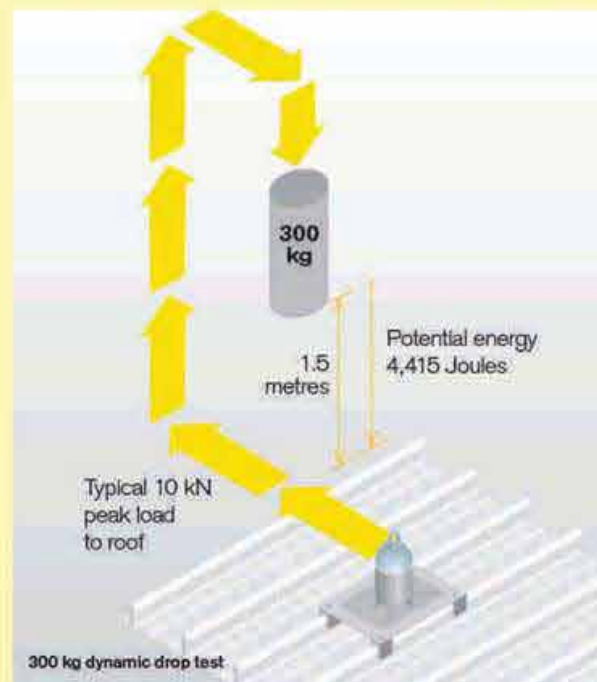
At the heart of every Constant Force post is the unique Latchways energy absorbing coil.



Under load the post deploys over, extending the energy absorbing coil whilst, at the same time, limiting the load to the roof to a typical peak of 10 kN (1 tonne) in shear.

Testing programme Dynamic drop test—Stage 1

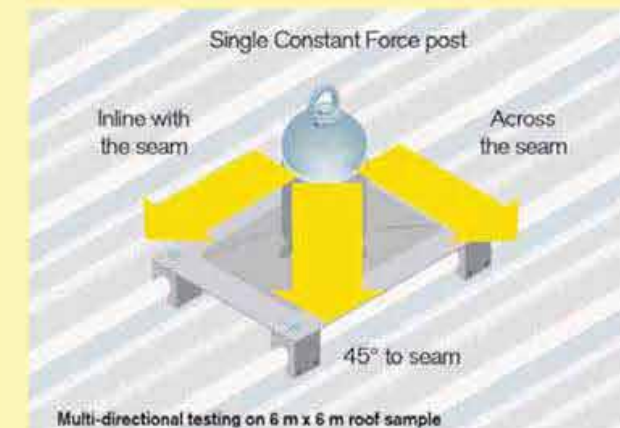
This is the most revealing test for any 'top fixed' post/roof construction and in the case of Latchways is conducted using a 300 kg mass (the equivalent of three users) dropped through a distance of 1.5 m, on one post connected to the roofing system.



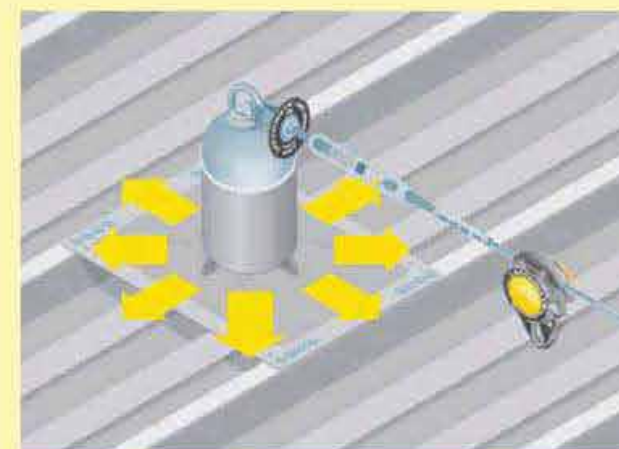
It is important to note that EN 795 only requires the use of a 100 kg mass (the equivalent of one user) dropped on an anchor device.

Multi-directional testing

- 1 In line with the seam, profile or deck
- 2 Across the seam, profile or deck
- 3 At 45° to the seam, profile or deck (static load only)



To ensure maximum protection for users, each post incorporates the Latchways unique omni-directional Constant Force energy absorber enabling the post to deploy and control load in any direction.



Only when these tests have been successfully conducted, i.e. the test mass was arrested whilst maintaining the integrity of the roof at a typical peak load of 10 kN, will the solution be deemed to have passed. At this stage the Constant Force post system can be installed to the given roof construction in a restraint application, allowing for foreseeable misuse or using the system to undertake rescue following a fall.

Energy absorption comparison

To further underline the performance of Constant Force technology, a comparison can be drawn in terms of the potential energy absorption of the Latchways Constant Force post compared to a basic EN 795 rated anchor device.

Energy input=

Mass (kg) x Gravitational Acceleration (m/s²) x Height (m)

Latchways
300 x 9.81 x 1.5 = **Latchways test
4,415 Joules**

EN 795
100 x 9.81 x 1.5 = **EN 795 test
1,472 Joules**

The Latchways Constant Force post has three times the energy absorbing capability compared to an EN 795-rated anchor.



VERTICAL SYSTEM

Also Available, Fall Arrestor with Integrated Energy Absorber



TowerLatch



LATCHWAYS
FALL PROTECTION

Vertical System

Major Components

Top Anchor
Constant Force Energy Absorber

System Layout

Intermediate Wire Guide

Cable

Bottom Anchor



» Top Anchor- This is installed at the top of the system and has an in-built safety factor of 2.5 times the potential load generated when a fall occurs. The system energy absorber is attached at this point.

» Constant Force Energy absorber- It ensures that the load applied back to the structure and the climber in the event a fall is limited to a maximum of 6 kN. A two or four person version is available, with both units having a red fluorescent indicator showing if a fall has occurred.

» Intermediate Wire guides- These brackets support the cable, ensuring the correct stand-off distance from the structure is maintained. The spacing of the intermediates is dependent on the height and location of the structure. An extensive range is available to cater for all types of structure.

» Bottom Anchor- These bottom brackets provide a swage-free system termination and an integral tensioning device. At the correct cable pre-tension, the unit's indicator disc will spin freely. Unauthorised system adjustment is prevented through the use of captive security bolts.

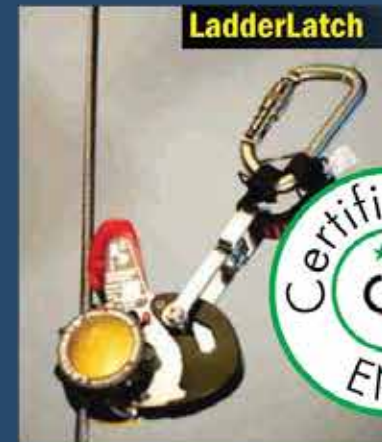
» Cable- An $\varnothing 8$ mm 1 x 19 stainless steel cable that has a unique identification system. The cable is factory tested to check its physical properties and to ensure performance is consistent.

» LadderLatch unit- The LadderLatch unit secures the climber to the fall protection cable via the chest D-ring, which allows free movement up and down the structure, but immediately locks onto the cable in the event of a fall.

Benefit /certifications

- ✓ World's only Hand's free Fall Arrestor rotates freely through intermediate cable guide.
- ✓ The best Technology in the league with minimum fall Arrest reported.
- ✓ Components are made of SS 316 marine grade.
- ✓ Cast components of Fall Arrestor are made of 17/4 pH Stainless Steel
- ✓ Can be installed to follow the contours of any structure including Horizontal and inclined sections.
- ✓ Attachment Units can be attached or detached at any point in the system
- ✓ Complies 100% with the latest VG-11 tests

LadderLatch



VERTICAL FALL ARREST SYSTEMS ON



T-Spine Climbing Ladder



Lattice Tower

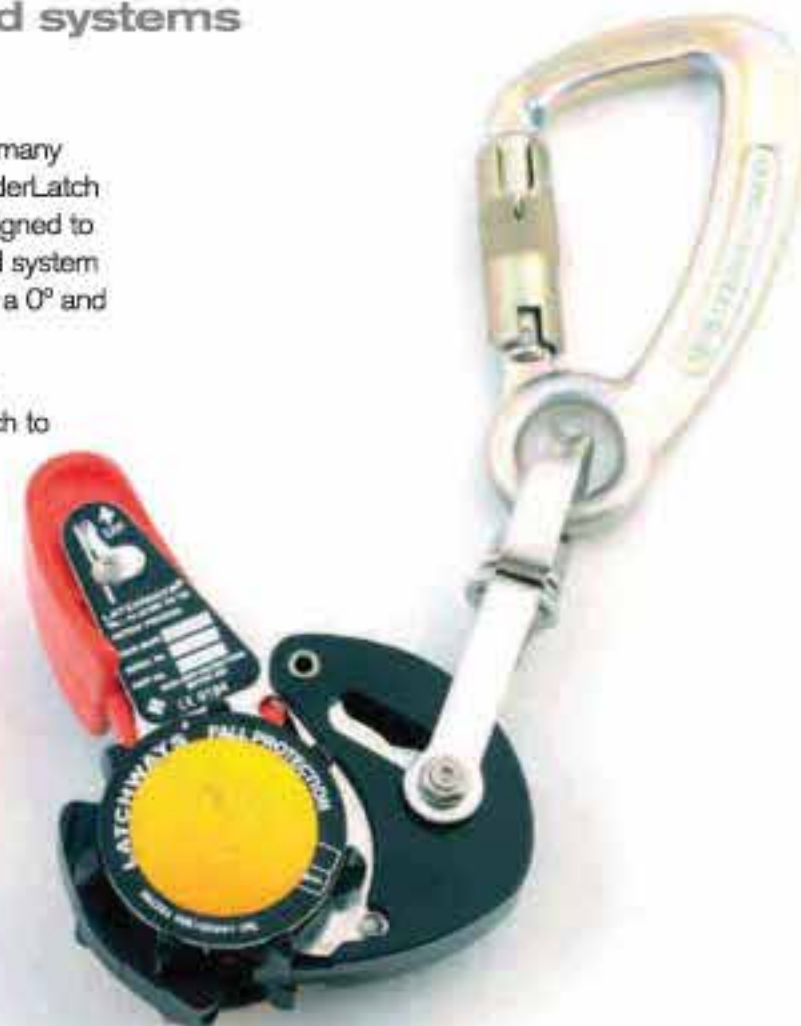


Face mounted Monopole & Mono Step System

Vertical/inclined systems

ClimbLatch

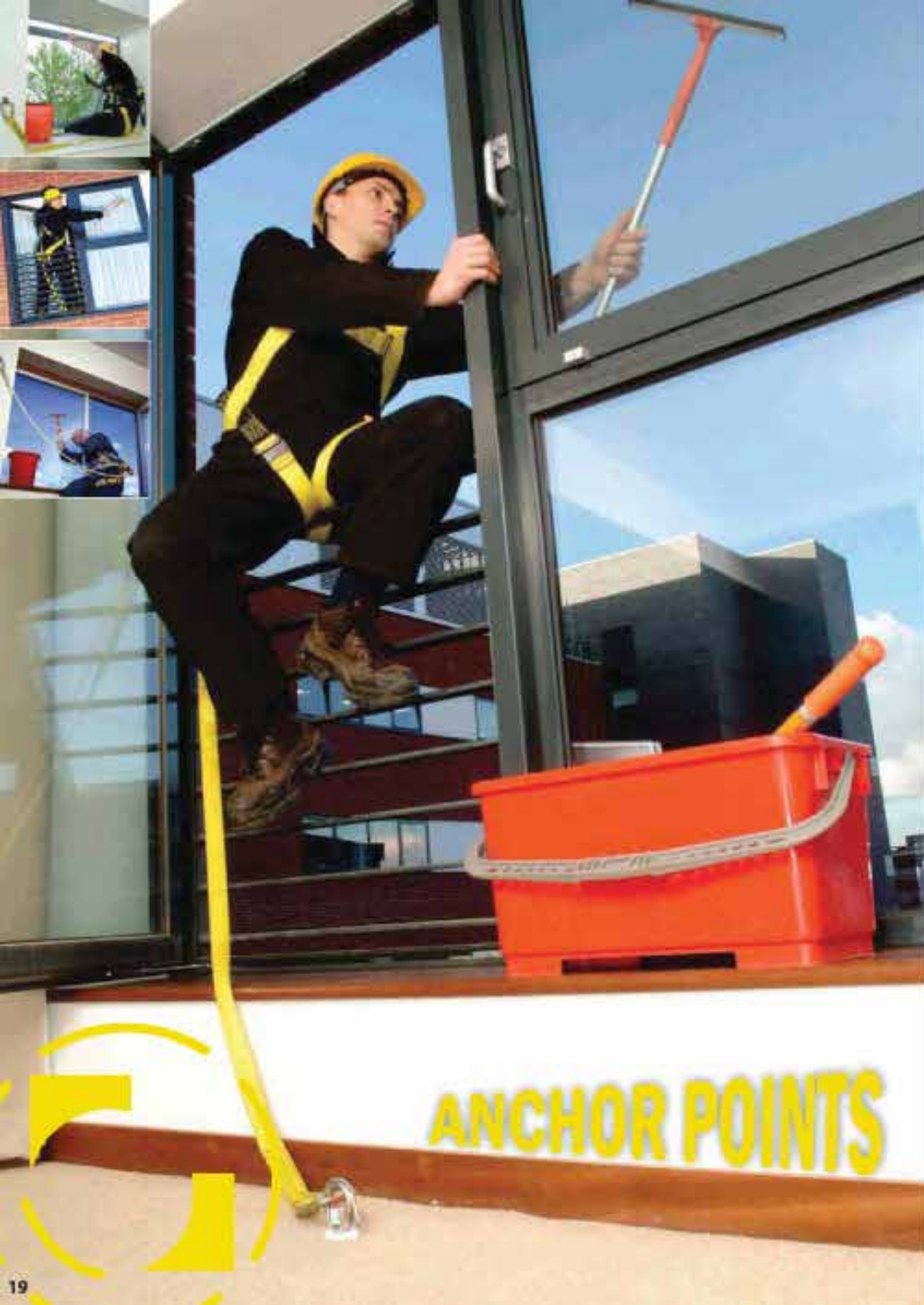
- The Climb Latch device has many similar features of the LadderLatch and TowerLatch but is designed to also be used on an inclined system – suitable for use between a 0° and 40° incline.
- The Climb Latch requires a specific entry point on which to attach to the system.



Connecting to a ClimbLatch system

- 1 A specific entry terminal is required to connect the ClimbLatch unit onto a system. It must be ensured that the ClimbLatch is attached with the arrow indicating the correct direction of movement/incline.
- 2 Hold the device in the vertical plane to open the unit and with the gate of the entry point open, push the slipper downwards through the gate of the entry point.
- 3 When the slipper has passed through the gate, the device can then be pulled along the cable.
- 4 With the gate closed the device is now fully connected and ready for use.





Push Lock

Latchways PushLock is typically used where access from inside a building is needed to carry out external work, such as window cleaning or maintenance. It can be fixed into walls, floors or ceilings providing an internal fixed anchor to which workers can confidently attach a lanyard and safety harness while performing their duties.

PushLock Operation

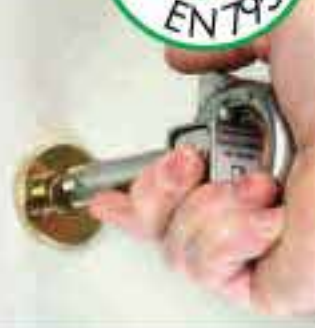
- 1 Brass finished PushLock socket installed into a cavity wall.



- 3 Check installation by tugging the eyebolt. In the secure position, the word 'LOCKED' is fully visible on the trigger. A safety lanyard attached to a full body harness can now be connected to the eyebolt and the user can commence work.



- 2 Depress the safety catch then trigger and locate eyebolt into centre of socket. Push the eyebolt with palm of hand until locking mechanism clicks.



- 4 Upon completion of work, remove the lanyard from the eyebolt. With a two-handed operation depress safety catch then trigger to remove the eyebolt from the socket.



Benefit /certifications

- ✓ Components manufactured for maximum durability
- ✓ Aesthetically pleasing with a range of colours and finishes available including stainless steel, brass and a range of RAL colours
- ✓ Eyebolt requires two handed operation therefore accidental removal is impossible
- ✓ Range of sockets for fixing into brickwork, concrete, steelwork, cavity walls and suspended ceilings
- ✓ Straightforward installation and maintenance
- ✓ Socket and eyebolt both statically tested to 10 kN
- ✓ Meets all relevant national and international standards
- ✓ Eyebolt CE marked

Latchways Heavy Duty D-ring



Latchways Heavy Duty D-ring is designed for attachment of one personal fall arrest systems with a minimum breaking strength of 45KN. It is recommended for permanent, outdoor installations where prolonged weathering and exposure to adverse environments demands a high tensile, corrosion resistant steel anchorage connector. It is also suitable as an end

SELF-RETRACTING LINE (SRL)



Mini ManSafe SRL

Model	Line Type	Length (m)	Size L x W x D (mm)	Weight (kg)	Anchorage
62000-00	20 mm Polyester Web with Vectran® Core	2	111 x 94 x 61	1.0	Double Locking Snap Hook
62100-00	20 mm Polyester Web with Vectran® Core	2	111 x 94 x 61	1.3	Scaffold Hook

Webbing ManSafe SRL

Model	Line Type	Length (m)	Size L x W x D (mm)	Weight (kg)	Anchorage
62004-00	20 mm Polyester Web with Vectran® Core	2	111 x 94 x 61	1.0	Double Locking Snap Hook
62007-00	20 mm Polyester Web with Vectran® Core	2	111 x 94 x 61	1.3	Scaffold Hook

Cable ManSafe SRL

Model	Line Type	Length (m)	Size L x W x D (mm)	Weight (kg)	Anchorage
62207-00	Ø 5 mm Stainless Steel Cable (7x19)	7	330 x 170 x 122	4.9	Swivel Double Locking Snap Hook
62407-00	Ø 5 mm Galvanized Steel Cable (7x19)	7	330 x 170 x 122	4.9	Swivel Double Locking Snap Hook
62210-00	Ø 5 mm Stainless Steel Cable (7x19)	10	357 x 185 x 125	5.6	Swivel Double Locking Snap Hook
62410-00	Ø 5 mm Galvanized Steel Cable (7x19)	10	357 x 185 x 125	5.6	Swivel Double Locking Snap Hook
62215-00	Ø 5 mm Stainless Steel Cable (7x19)	15	396 x 215 x 130	7.4	Swivel Double Locking Snap Hook
62410-00	Ø 5 mm Galvanized Steel Cable (7x19)	15	396 x 215 x 130	7.4	Swivel Double Locking Snap Hook

SRL

SELF-RETRACTING LIFELINES

Smarter

Introducing the revolutionary Constant Force® braking mechanism

- A frictionless braking system with no moving parts that won't go out of adjustment
- Individual components removed and replaced in minutes due to modular design
- Components that need only visual inspection not mechanical testing

Safer

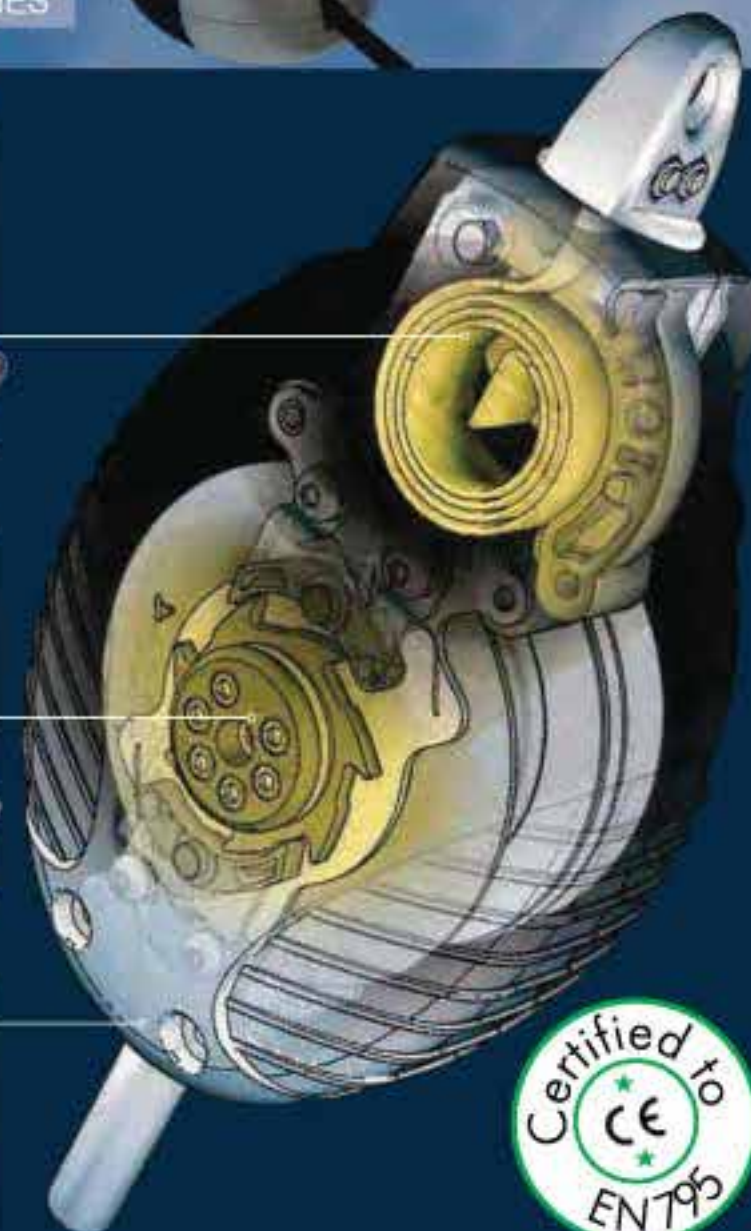
Introducing the Full Contact pawl locking mechanism

- Constantly moving, the 100% reliable Full Contact locking mechanism cannot freeze, hang up or corrode
- No wet lubrication to attract dirt and debris
- Stainless steel components unaffected by water, contaminants, temperature and time

Stronger

A rugged impact resistant case protects the unique modular chassis design

- Case is manufactured from unique toughened nylon to resist impact damage and protect internal chassis
- Modular chassis design and case are not integrated allowing the case to serve strictly as the protective armour





PERSONAL RESCUE DEVICE



PERSONAL RESCUE DEVICE

Latchways is set to revolutionise the rescue process with the introduction of the PRD which utilises innovative design technology. The lightweight, unobtrusive rescue device is contained in a small 'back pack' attached to a harness. In the event of a fall the device lowers the faller gently to the ground in a controlled descent.

The whole rescue process has been revolutionized by the Latchways engineering in the 'back pack' which contains:

- parachute type 'rip cord' that releases the descending system
- brake mechanism and spool with either a 20 m or 40 m cord gently lowers the faller to the ground
- standard harness that can be easily released allowing quick evacuation from the fall zone

The PRD is built into a standard harness which is supplied by Latchways or can be retrofitted into an existing harness*.

Minimal training and fast rescue

Unlike all other rescue devices no specialist training is required as the device is worn as part of a standard harness and activation is achieved by simply pulling the 'rip cord'. Once the 'rip cord' is pulled the spool and its integral braking mechanism lower the faller to the ground in a controlled descent.



Standards

The Latchways PRD consists of a full body harness and integral descender device that conforms to all the required standards:

The harness conforms to

- EN361:2002
- ANSI Z359.1:2007

The descender device conforms to:

- EN341:2011 Type 1, Class D
- ANSI Z359.4:2007

The 'back pack' and harness conform to:

- BSEN13463-1:2001 equipment group 11 category 2





P-36 SAFETY HARNESS

EN 361



Ref.: AB 136 01

Harness with front and dorsal anchorage point.

Separate regulation for legs and shoulders straps.

P-10R SAFETY HARNESS

EN 361 EN 1497

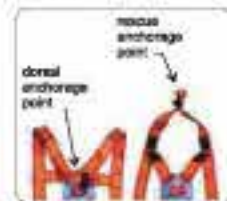


Ref.: AB 110 03

Harness with front and dorsal anchorage point.

Rescue anchorage point.

Separate regulation for legs and shoulders straps.



P-40 SAFETY HARNESS

EN 361



Ref.: AB 140 01

Harness with dorsal and front anchorage points.

Separate regulation for legs and shoulders straps.



P-52 PRO SAFETY HARNESS

EN 361 EN 358



Ref.: AB 162 01

Weight Rating 100KG

P-12 PRO SAFETY HARNESS

EN 361



Ref.: AB 112 01

Harness with dorsal anchorage point.

Separate regulation for legs and shoulders straps.



P-71 SAFETY HARNESS

EN 361 EN 358 EN 813



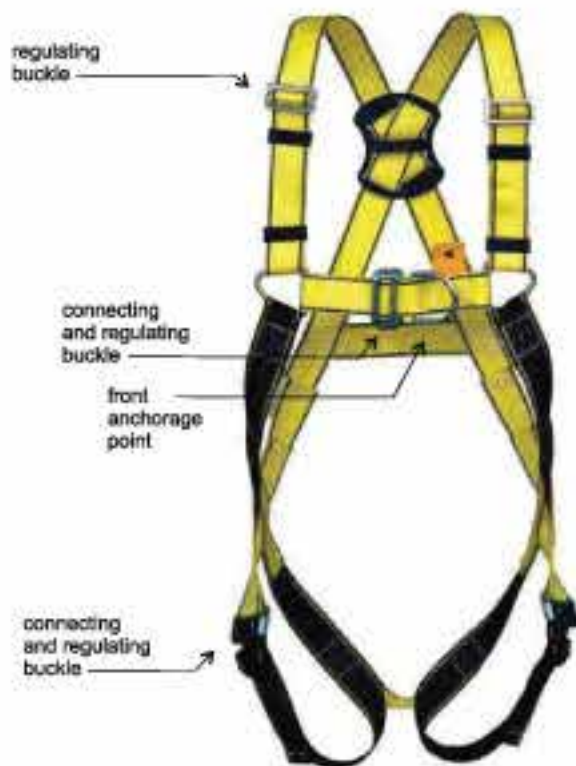
Ref.: AB 171 01

Harness with front and dorsal anchorage point. Attaching point for sitting position.

Work positioning belt.

Separate regulation for legs and shoulders straps.





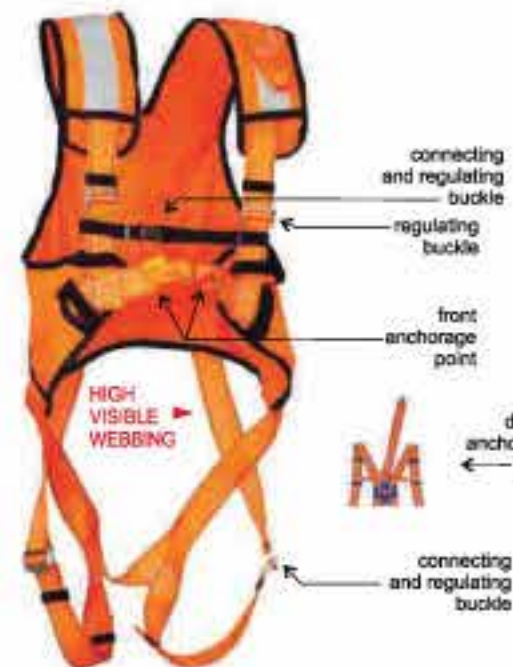
P-35 SAFETY HARNESS

EN 361



Ref.: AB 135 01

Harness with front and dorsal anchorage point.
Separate regulation for legs and shoulders straps.



P-30HV+ HIGH VISIBLE SAFETY HARNESS WITH VEST

EN 361



Ref.: AB 130 01

Harness with front and dorsal anchorage point.
Separate regulation for legs and shoulders straps.

Available colors :
 Hi Viz orange
 Hi Viz yellow



P-80E SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 180 02

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt. One regulation for legs and shoulders straps.



P-50HV+ HIGH VISIBLE SAFETY HARNESS WITH VEST

EN 361

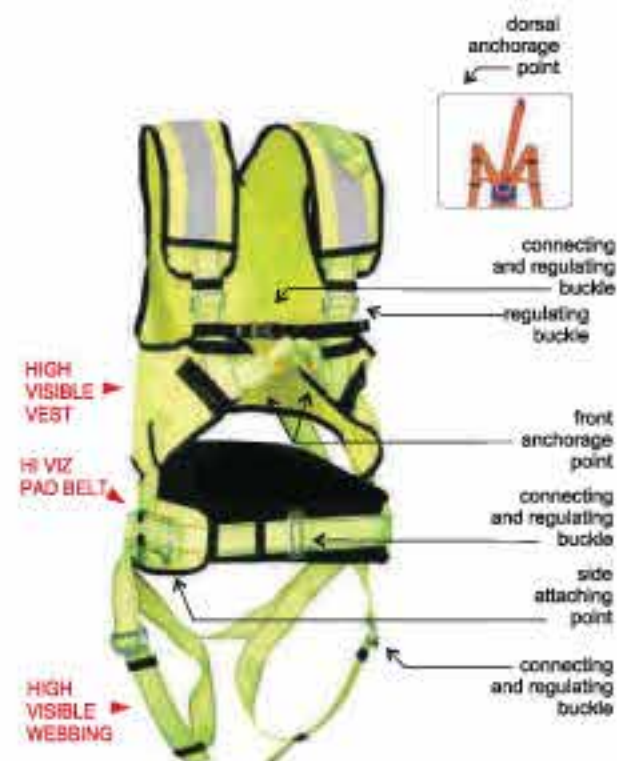


Ref.: AB 150 01

Harness with front and dorsal anchorage point. Work positioning belt. Separate regulation for legs and shoulders straps.



Available colors :
 Hi Viz orange
 Hi Viz yellow



P-30 + VS041 SAFETY HARNESS with VEST

EN 361



Ref.: AB 130 01

Comfortable protective vest with safety harness.

Harness with front and dorsal anchorage point.

Separate regulation for legs and shoulders straps.



P-70 SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 170 01

Harness with front and dorsal anchorage point.
Work positioning belt.
Separate regulation for legs and shoulders straps.



ABM+LB 102 energy absorber with double safety lanyard

EN 355 EN 354



Ref.: BW 200+LB 102

Max. length: 2x2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST

ROPE
Ø 10,5mm

AXK 10
aluminum
opening: 22 mm
weight: 130 g

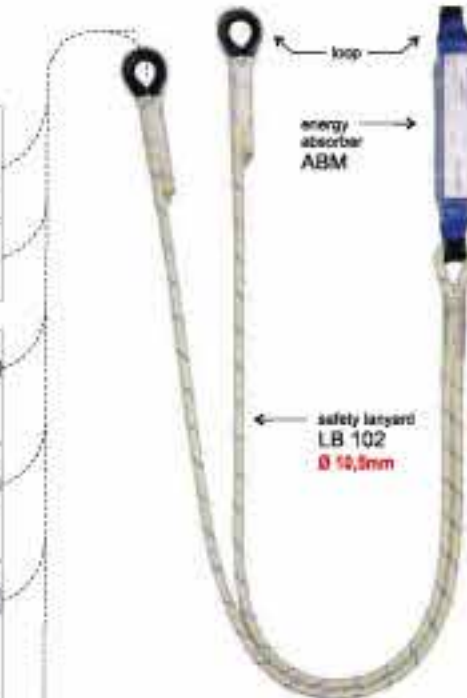
AZ 002
galvanized steel
opening: 18 mm
weight: 220 g

AZ 022
galvanized steel
opening: 50 mm
weight: 300 g

AZ 023
aluminum
opening: 50 mm
weight: 480 g

AZ 024
aluminum
opening: 100 mm
weight: 800 g

AZ 025
galvanized steel
opening: 80 mm
weight: 800 g



ABM+2LB 211 energy absorber with double adjustable safety lanyard

EN 355 EN 354



Ref.: BW 200+2LB 211

Max. length: 2m (included connected snap hooks).

Material: Polyamide, hemp.

OTHER LENGHTES ON REQUEST

AXK 10
aluminum
opening: 22 mm
weight: 130 g

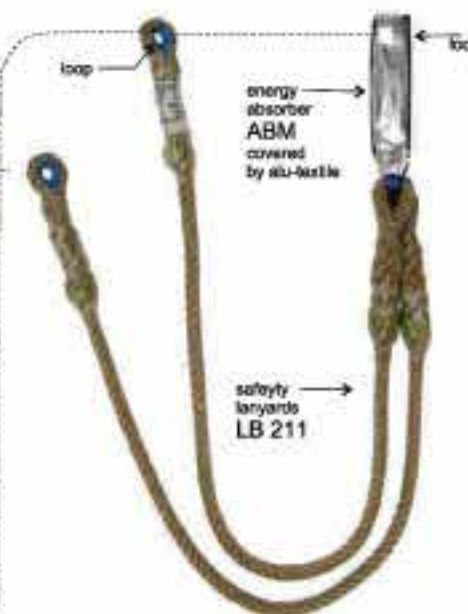
AZ 002
galvanized steel
opening: 18 mm
weight: 220 g

AZ 022
galvanized steel
opening: 50 mm
weight: 300 g

AZ 023
aluminum
opening: 50 mm
weight: 480 g

AZ 024
aluminum
opening: 100 mm
weight: 800 g

AZ 025
galvanized steel
opening: 80 mm
weight: 800 g



ATTENTION:
For hot works
like welding,
grinding, soldering
metal cutting.

The rope is protected
against sparks,
molten metal drops, etc.

LINOSTOP II

guided type fall arrester
on a flexible anchorage line

EN 353-2



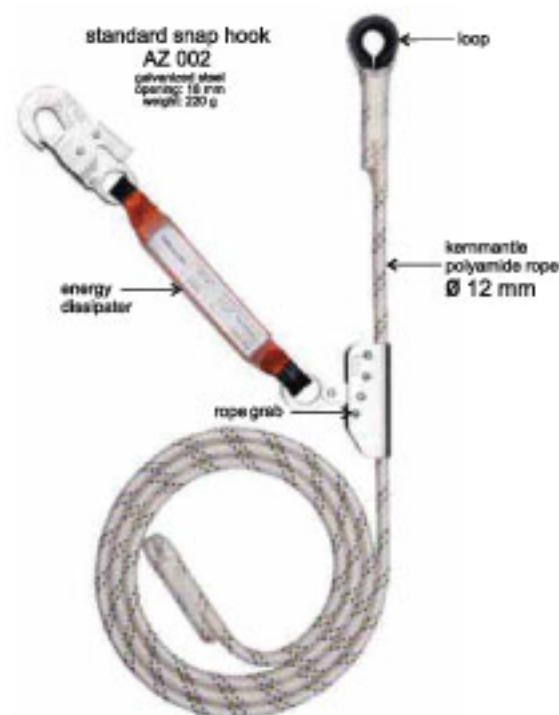
Ref.: AC 060

Rope grab: stainless steel;
Energy dissipater: polyamide.

Standards:

AC 060 + AZ 002 + working rope length 5m
AC 060 + AZ 002 + working rope length 10m
AC 060 + AZ 002 + working rope length 15m
AC 060 + AZ 002 + working rope length 20m
AC 060 + AZ 002 + working rope length 25m
AC 060 + AZ 002 + working rope length 30m
AC 060 + AZ 002 + working rope length 35m
AC 060 + AZ 002 + working rope length 40m
AC 060 + AZ 002 + working rope length 50m

Other lengths on request.



AC 010

guided type fall arrester
on a flexible anchorage line

EN 353-2



Ref.: AC 010

Rope grab: steel;
Dissipater energy: polyamide;

AC 100 - Ø 14 mm ROPE FOR AC 010

EN 353-2



Standards:

Ref.: AC 100 10 - length 10 m
Ref.: AC 100 20 - length 20 m
Ref.: AC 100 30 - length 30 m
Ref.: AC 100 40 - length 40 m
Ref.: AC 100 50 - length 50 m

Other lengths on request.



PROT 11 WORK POSITIONING DEVICE

EN 358



Ref.: AF 101 xx (xx - length)

Standards:

AF 101 02 - length 2 m
AF 101 03 - length 3 m
AF 101 04 - length 4 m
AF 101 05 - length 5 m
AF 101 10 - length 10 m
AF 101 15 - length 15 m
AF 101 20 - length 20 m

Other lengths on request.

AE 320

safety horizontal webbing

EN 795 Class B



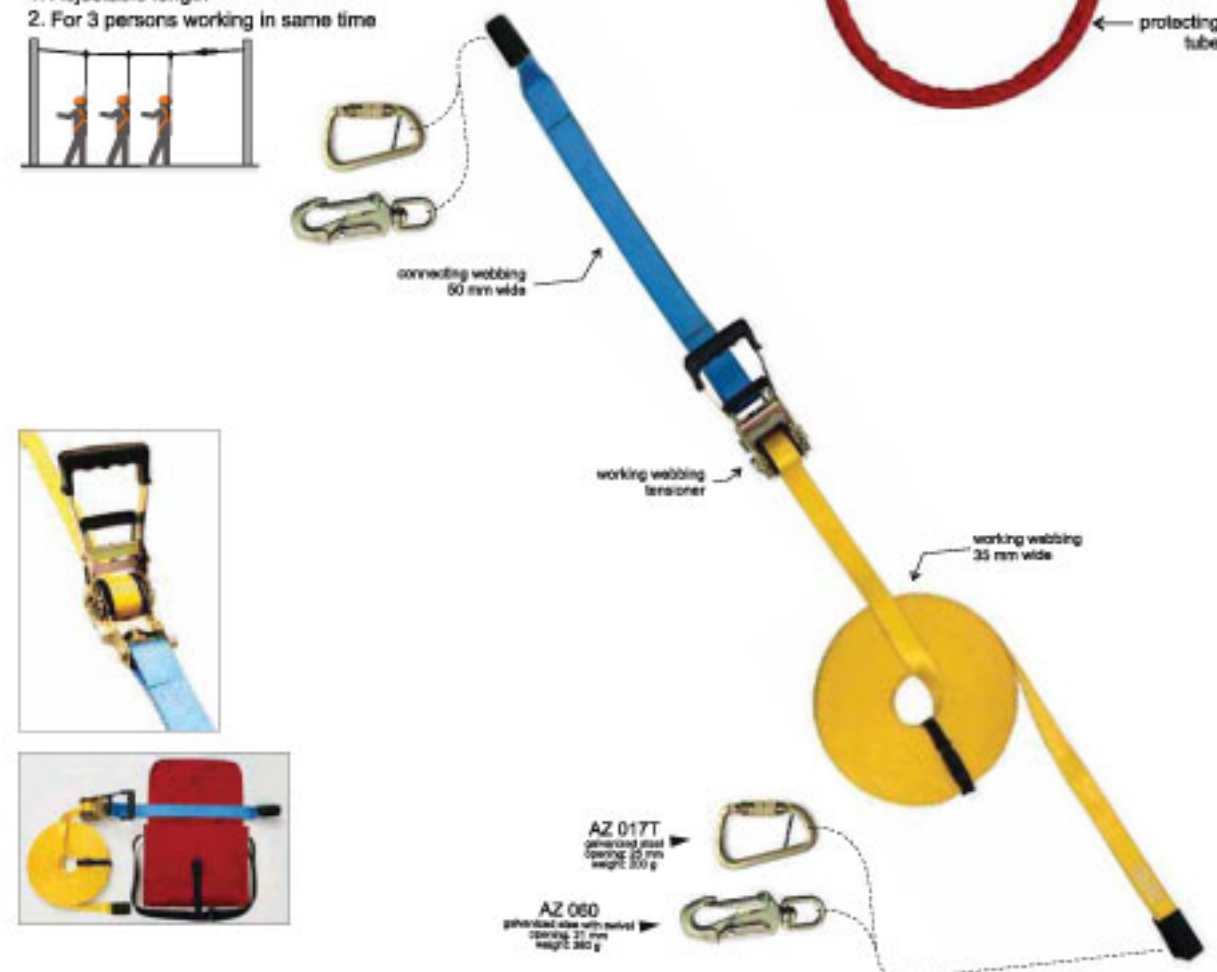
Ref.: AE 320 10 - max. 10 m

Ref.: AE 320 20 - max. 20 m

Other lengths on request.

1. Adjustable length

2. For 3 persons working in same time



TM-10 SAFETY TRIPOD

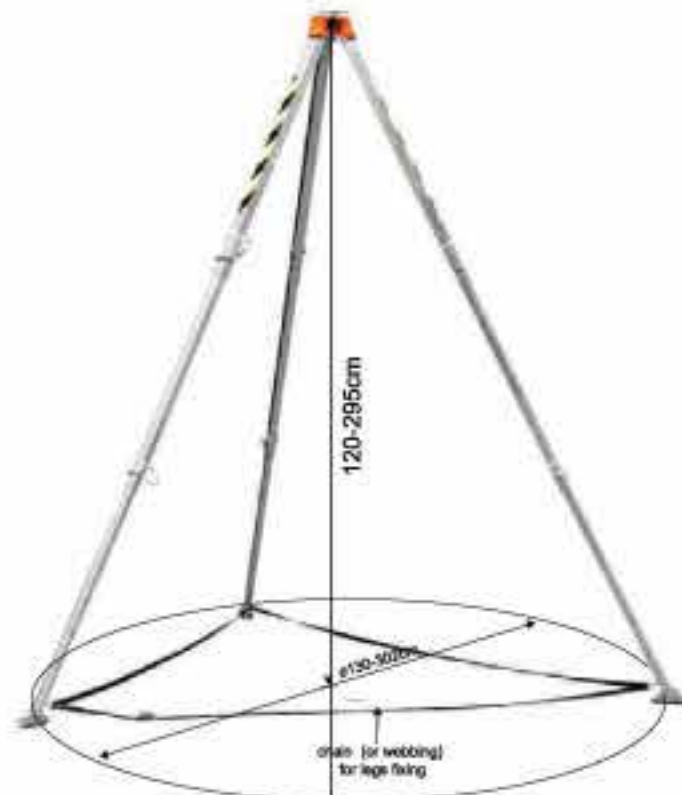
EN 795



Ref.: AT 012
working load limit 500kg
breaking force: 22kN
version with webbing or chain
weight: 16,00kg - with webbing
20,00kg - with chain
We deliver tripod with chain and webbing.



head - aluminium alloy
- four attaching points



RUP-502 RESCUE LIFTING DEVICE

EN 1496 classB



Ref.: AT 050 20 - 20 m cable
Ref.: AT 050 25 - 25 m cable
Ref.: AT 050 28 - 28 m cable

Rescue lifting and lowering device:

- Automatic brake
- Weight: 13 kg
- Working load: 180 kg
- Breaking force: 1800 kg

ALUMINIUM HOLDER



steel galvanized
cable $\varnothing$ 6,3 mm

AR 010 RESCUE DESCENT DEVICES

EN 341 Class C



ESCAPE KIT:

- descending device,
- working rope,
- 3 snap hooks,
- webbing sling,
- knife,
- transporting bag.



KITS WITH ROPE: 20m
30m
40m
50m



AZ 900 webbing sling

EN 354EN 795 Class B



Ref.: AZ 900 030 - length 30 cm
Ref.: AZ 900 060 - length 60 cm
Ref.: AZ 900 080 - length 80 cm
Ref.: AZ 900 120 - length 120 cm
Ref.: AZ 900 150 - length 150 cm
Ref.: AZ 900 200 - length 200 cm



AZ 410 connecting lanyard

EN 354 EN 795



Ref.: AZ 410 - length 1m
- steel cable
- steel cable with AZ 011

Ref.: AZ 410 - length 2m
- steel cable
- steel cable with AZ 011

AZ 430 connecting lanyard

EN 795



Ref.: AZ 430
- steel cable with AZ 011

Ref.: AZ 430 - length 3 m
Ref.: AZ 430 - length 5 m
Ref.: AZ 430 - length 8 m
Ref.: AZ 430 - length 10 m



AZ 700 webbing sling

EN 795 Class B



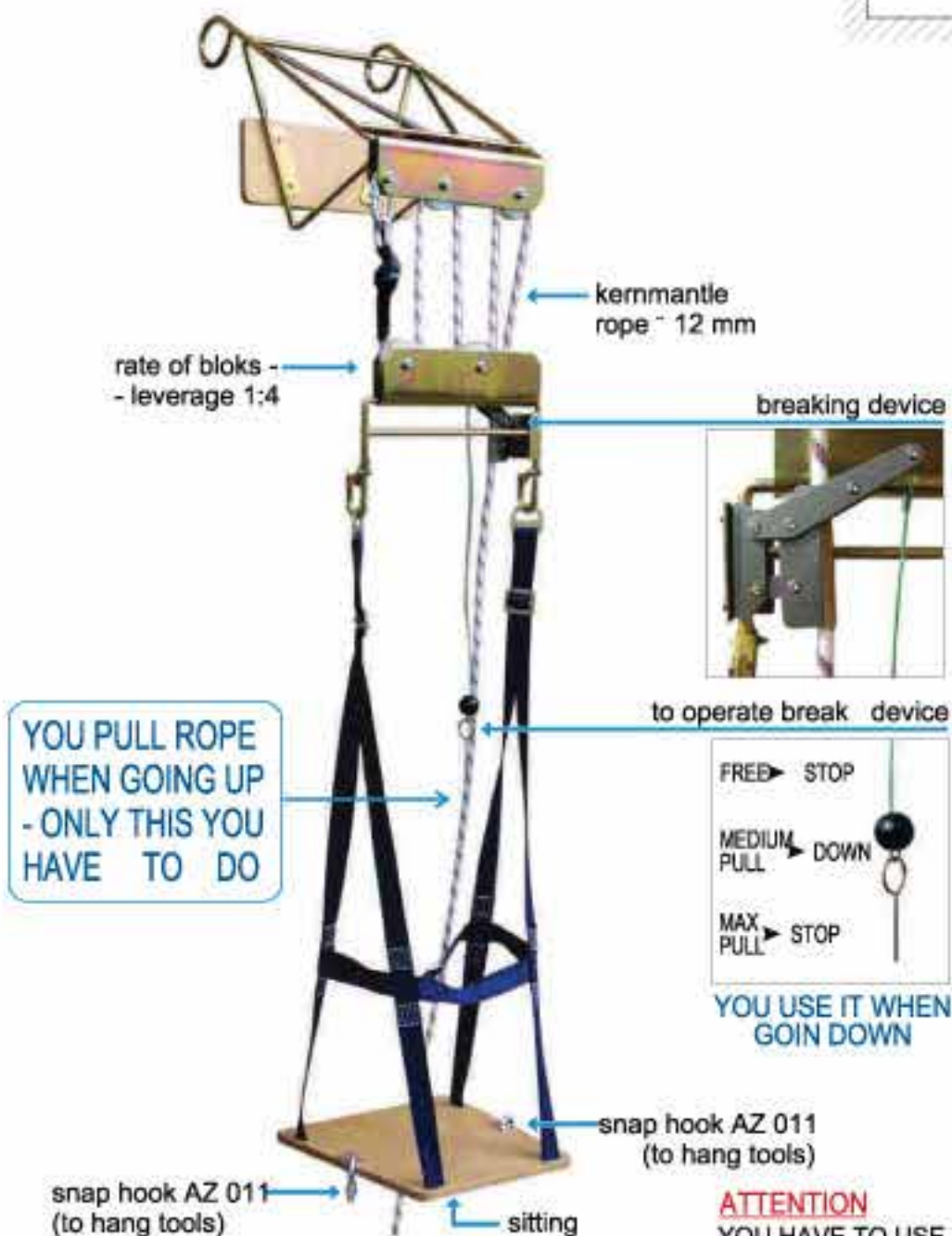
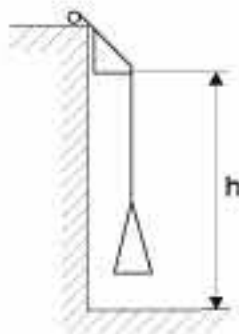
Ref.: AZ 700
Polyamide/polyester webbing 45 mm.
A synthetic rubber band is sewn on the webbing.



Ref.: AZ 700 - length 0,9 m
Ref.: AZ 700 - length 1,4 m
Ref.: AZ 700 - length 2,0 m

BA BENCH

Ref.: BA 010 - high range of working (h) = 10 m
 Ref.: BA 020 - high range of working (h) = 20 m
 Ref.: BA 030 - high range of working (h) = 30 m
 Ref.: BA 040 - high range of working (h) = 40 m



ATTENTION
 YOU HAVE TO USE FALL PROTECTION WHEN SITTING !

RS 300 MOBILE TANK PLATFORM

Mobile tank platform RS300 has been designed to allow safe access to tank truck and container truck hatchways. Platform allows person in easy and safe way to get to the container top and execute all necessary activities. Top-lower mechanism enable adjusting the height to the needs.



Weight: 160 kg
 Working height: 2,95 m - 4,35 m
 Working load limit: 120 kg (1 person)
 Dimensions:
 Platform folded: 3,55 x 2,65 x 4,3 m
 Platform extended: 3,55 x 2,65 x 5,6 m



Training & Installation

Training is an essential requirement for any employer that has employees working at height. This to ensure compliance to THE FACTORIES ACT.

Training will ensure that workers are confident and safe in their working environment.

The course includes qualified instructors and clearly structured training concepts. On successful completion of the course, each participant receives a personal certificate.

Training Courses Cover:

- Working at Height
- Rescue
- Expert Assessment
- Equipment Inspection

TEAM FASSA has experts to meet all your requirements for FALL ARREST SOLUTIONS. The team is authorised, trained & certified for onsite installation procedures. We can run customised maintenance programmes to always ensure that the system are in appropriate working order & in compliance with national/international safety standards.



STANDARDS

The key standards relating to fall protection systems for use in industrial environments are:

- EN 353-1 Personal Protective Equipment (PPE) against falls from a height—Specification for guided type fall arresters on a rigid anchorage line
- EN 353-2 PPE against falls from a height—Guided type fall arresters including a flexible anchor line
- EN 341 PPE against falls from a height—Descender devices
- EN 354 PPE against falls from a height—Lanyards
- EN 355 PPE against falls from a height—Energy absorbers
- EN 358 PPE for work positioning and prevention of falls from a height—Belts for work positioning and restraint and work positioning lanyards
- EN 360 PPE against falls from a height—Retractable type fall arresters
- EN 361 PPE against falls from a height—Full body harness
- EN 362 PPE against falls from a height—Connectors
- EN 363 PPE against falls from a height—Fall arrest systems
- EN 364 PPE against falls from a height—Test methods
- EN 795 PPE against falls from a height—Anchor devices. Requirements and testing



LATCHWAYS
FALL PROTECTION



FALL ARREST
SYSTEMS S.A.