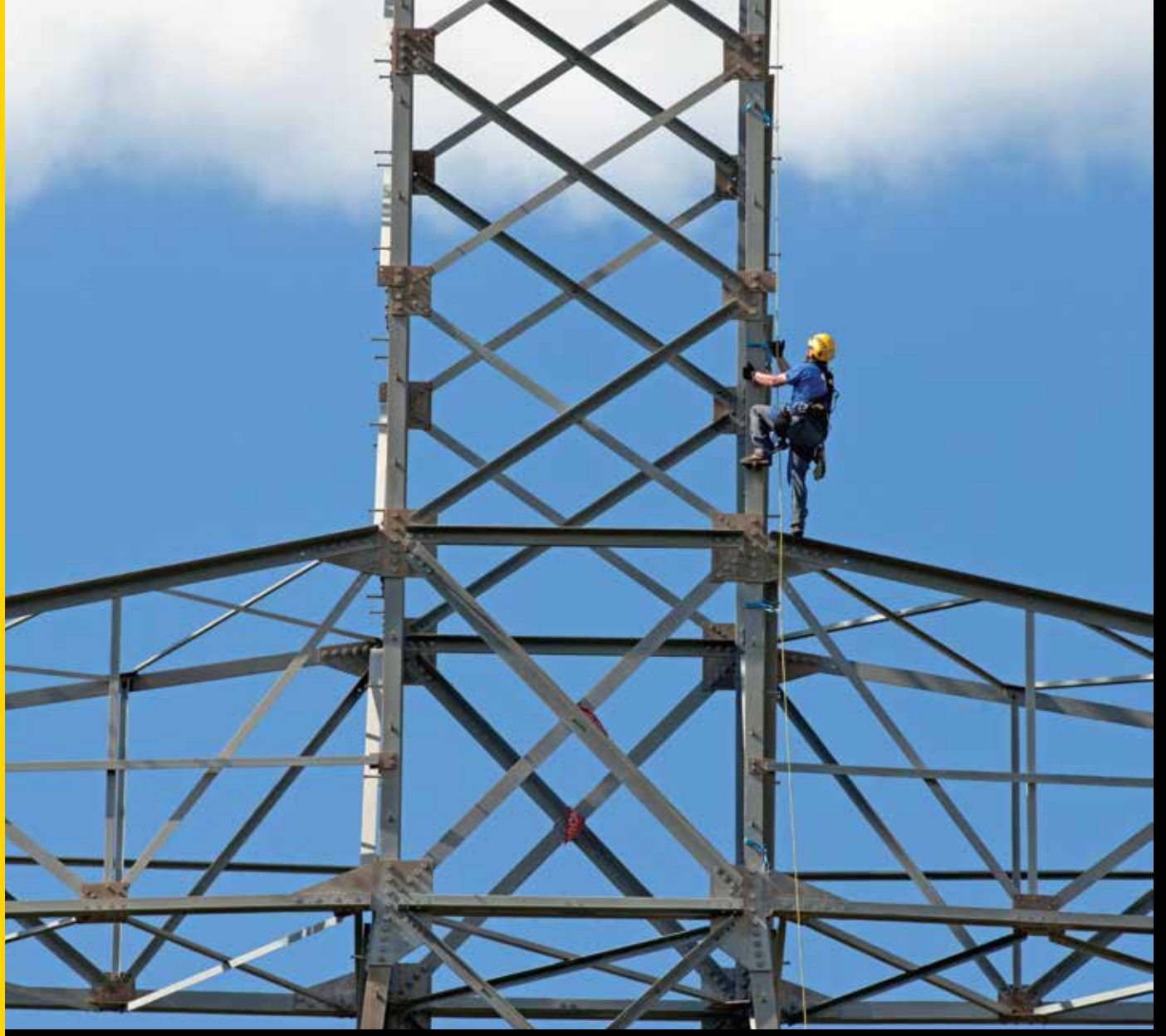


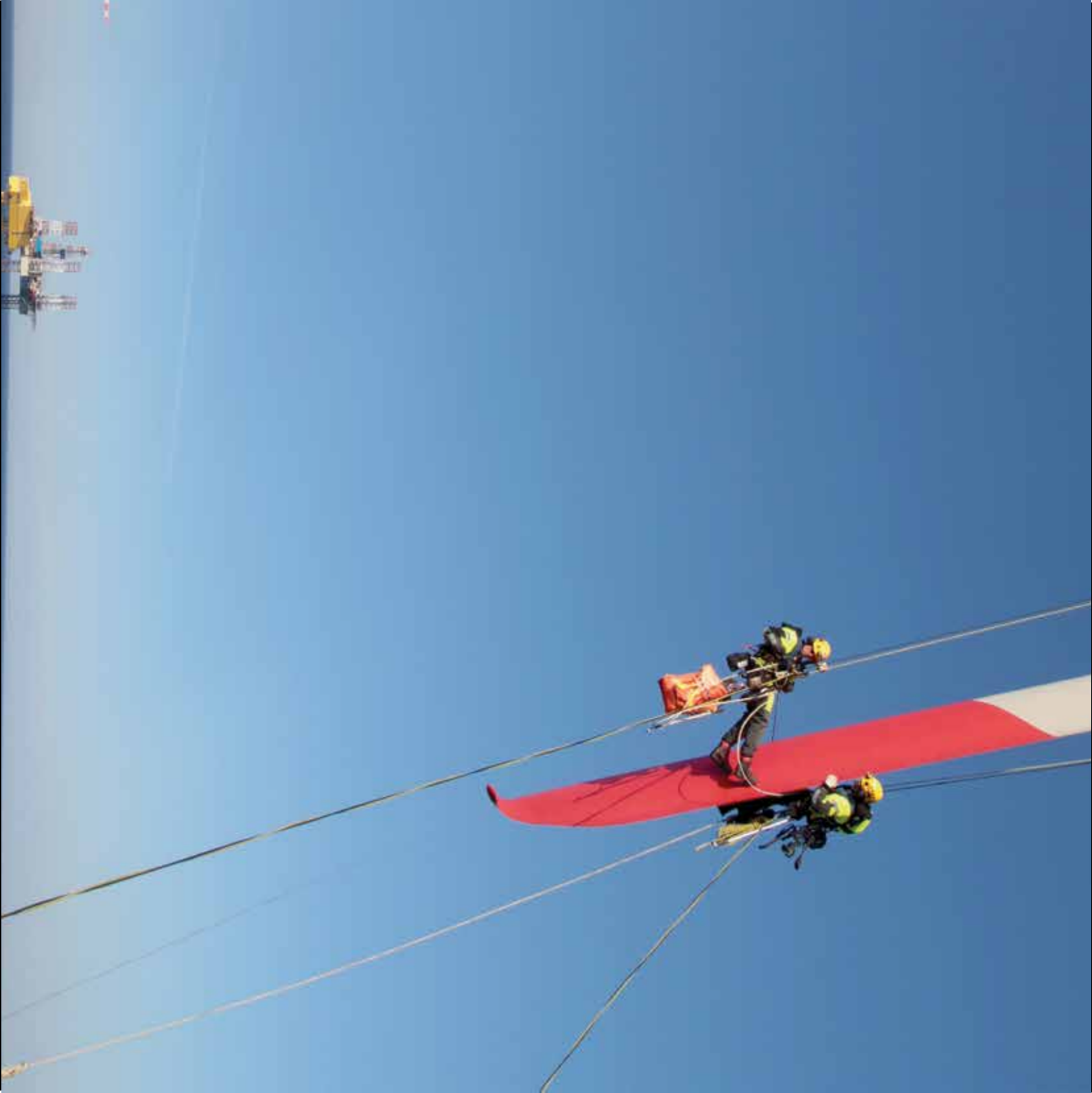
TOWER & ROPE ACCESS SOLUTIONS



2015



Access  
the  
inaccessible



# Access the inaccessible



The Petzl story begins in caves. Fernand Petzl spent much of his life exploring passages deep underground. At the same time he experimented with new vertical-progression techniques and equipment that would go on to revolutionize caving and allow him to break the world depth record in the 1950s. Over the years, Petzl adapted these tools and solutions for use in other vertical environments including recreational and professional all while continuing to innovate.

Today, our product-development process remains true to a few simple core values: keeping close to and valuing our customers, developing innovative and practical approaches, and creating only the highest quality solutions.

It is in this spirit that we're working to meet the needs of tower and rope-access technicians. We've already combined close collaboration with technicians from around the world with Petzl's know-how to create smart, reliable solutions for movement and work on rope.

In 2015, Petzl is proud to introduce the new JAG SYSTEM haul kit and the PROGRESS ADJUST lanyards. The following pages contain more details. Visit [www.petzl.com](http://www.petzl.com) for more information.

## New products 2015



### JAG SYSTEM

Haul kit for pickoffs, making a releasable anchor, or tensioning a system, thanks to its 4:1 mechanical advantage and excellent efficiency (sheaves with sealed ball bearings). The collapsed kit is very compact, making usage possible even if the distance to the anchor is very short. The JAG SYSTEM haul kit is quick and easy to deploy: it's ready to use thanks to the flexible cover that prevents any risk of tangling. The haul end is color coded for instant identification.



### ASCENSION

Handled rope clamp for rope ascents, the ASCENSION features an overmolded grip and ergonomic upper part for a comfortable and powerful grip when pulling with one or two hands. The ASCENSION handled rope clamp has a wide lower hole for easily attaching two carabiners for a lanyard and footloop. 15% Lighter than previous version.



### PROGRESS ADJUST

Adjustable progression lanyard allows continuous connection during all types of progression (rope ascent, traverse on a safety line...). Thanks to the ADJUST rope clamp, the length of the adjustable arm can be quickly and easily adjusted. The connectors are held in the correct position for ease of clipping.

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## Adaptability & Comfort

VERTEX and ALVEO helmets adapt to your lighting needs and additional protection requirements in a few seconds.

For lighting: each helmet has a front mounting slot for attachment of a PIXA headlamp and four positioning hooks for mounting a headlamp with an elastic headband. For protection: the user can install protective VIZIR or VIZEN face shields with the two lateral inserts and can add hearing protection with the two lateral slots.



VERTEX



VERTEX helmets have a six-point webbing suspension system for maximum comfort on the head.



ALVEO



ALVEO helmets have an internal expanded polystyrene foam liner for reduced weight.



## VERTEX® VENT

### Comfortable ventilated helmet for work at height and rescue

- Six-point webbing suspension conforms to the shape of the head for improved comfort
- Shock absorption achieved through deformation of the outer shell
- CenterFit adjustment system ensures centering and optimal stability of the helmet on the head
- Ventilation holes with sliding shutters allow the ventilation to be adjusted from the outside
- Side slots for mounting hearing protection
- Inserts for accepting VIZIR or VIZEN face shields
- Slot for mounting a PIXA headlamp
- Four clips for mounting a headlamp with an elastic headband
- Chinstrap designed to limit risk of losing helmet during a fall (strength greater than 50 daN)
- Size: 53-63 cm / 20.9 in - 24.8 in
- Weight: 455 g / 16 oz
- Available in six colors:
  - VERTEX VENT (A10VYA): yellow
  - VERTEX VENT (A10VWA): white
  - VERTEX VENT (A10VRA): red
  - VERTEX VENT (A10VNA): black
  - VERTEX VENT (A10VOA): orange
  - VERTEX VENT (A10VBA): blue
- Certification(s): CE EN 12492\*, UIAA, ANSI Z89.1-2009 Type I Class C

\* Meets the requirements of the EN 397 and EN 12492 standards for protection against impact. Meets the optional requirements of the EN 397 standard for lateral deformation and use in low temperatures.



## VERTEX® BEST

### Comfortable helmet for work at height and rescue

- Six-point webbing suspension conforms to the shape of the head for improved comfort
- Shock absorption achieved through deformation of the outer shell
- CenterFit adjustment system ensures centering & optimal stability of the helmet on the head
- Side slots for mounting hearing protection
- Inserts for accepting VIZIR or VIZEN face shields
- Slot for mounting a PIXA headlamp
- Four clips for mounting a headlamp with an elastic headband
- Chin strap designed to limit risk of losing helmet during a fall (strength greater than 50 daN)
- Unventilated shell protects against electrical hazards and molten metal splash
- Size: 53-63 cm / 20.9 in - 24.8 in
- Weight: 455 g / 16 oz
- Available in six colors:
  - VERTEX BEST (A10BY\_): yellow
  - VERTEX BEST (A10BW\_): white
  - VERTEX BEST (A10BR\_): red
  - VERTEX BEST (A10BN\_): black
  - VERTEX BEST (A10BO\_): orange
  - VERTEX BEST (A10BB\_): blue
- Certification(s): CE,\* ANSI Z89.1-2009 Type I Class E: (A10BYA, A10BWA, A10BRA, A10BNA, A10BOA, A10BBA)
- CSA Z94.1-05 Type 1 Class E: (A10BYC, A10BWC, A10BRC, A10BBC, A10BNC, A10BOC)

\* Meets the requirements of the EN 397 and EN 12492 standards for protection against impact. Meets the requirements of the EN 397 and EN 50365 standards for electrical insulation. Meets the optional requirements of the EN 397 standard for molten metal splash, lateral deformation and use in low temperatures.





## ALVEO VENT

### Lightweight ventilated helmet for work at height and rescue

- Lightweight helmet with comfort foam that is barely felt on the head
- Shock is absorbed by deformation of the expanded polystyrene liner
- CenterFit adjustment system ensures centering and optimal stability of the helmet on the head
- Ventilation holes
- Side slots for mounting hearing protection
- Inserts for accepting VIZIR or VIZEN face shields
- Slot for mounting a PIXA headlamp
- Four clips for mounting a headlamp with an elastic headband
- Chin strap designed to limit risk of losing helmet during a fall (strength greater than 50 daN)
- Size: 53-63 cm / 20.9 in - 24.8 in
- Weight: 340 g / 12 oz
- Available in three colors:
  - ALVEO VENT (A20VYA): yellow
  - ALVEO VENT (A20VWA): white
  - ALVEO VENT (A20VRA): red
- Certification(s): CE EN 12492\*, UIAA, ANSI Z89.1-2009 Type I Class C

\* Meets the requirements of the EN 397 and EN 12492 standards for protection against impact. Meets the optional requirements of the EN 397 standard for lateral deformation and use in low temperatures.



## ALVEO BEST

### Lightweight helmet for work at height & rescue

- Lightweight helmet with comfort foam that is barely felt on the head
- Shock is absorbed by deformation of the expanded polystyrene liner
- CenterFit adjustment system ensures centering and optimal stability of the helmet on the head
- Side slots for mounting hearing protection
- Inserts for accepting VIZIR or VIZEN face shields
- Slot for mounting a PIXA headlamp
- Four clips for mounting a headlamp with an elastic headband
- Chin strap designed to limit risk of losing helmet during a fall (strength greater than 50 daN)
- The helmet's unventilated shell protects against electrical hazards and molten metal splash
- Size: 53-63 cm / 20.9 in - 24.8 in
- Weight: 345 g / 12.2 oz
- Available in three colors:
  - ALVEO BEST (A20BYA): yellow
  - ALVEO BEST (A20BWA): white
  - ALVEO BEST (A20BRA): red
- Certification(s): CE\*, ANSI Z89.1-2009 Type I Class E

\*Meets the requirements of the EN 397 and EN 12492 standards for protection against impact. Meets the requirements of the EN 397 and EN 50365 standards for electrical insulation. Meets the optional requirements of the EN 397 standard for molten metal splash, lateral deformation and use in low temperatures.

## Accessories



VIZIR



VIZEN



VIZIR SHADOW



REFLECTIVE STICKERS



TRANSPARENT STICKERS



ABSORBANT FOAM



REPLACEMENT FOAM

## VIZIR / VIZIR SHADOW



### Protective eye shield

- Easy to mount on VERTEX & ALVEO helmets
- Two positions: raised on top of the helmet, or lowered in working position
- Scratch- and fog-resistant
- VIZIR (A15A) or VIZIR SHADOW (A15AS)
- Weight: 60 g
- Certification(s): CE EN 166, Class 1 Type B, ANSI Z87.1-2010

## VIZEN A14



### Face shield with electrical protection

- Ultra-wrap shield completely protects face against dangers of an electric arc
- Mounting inserts for easy installation on VERTEX (latest version) and ALVEO helmets
- Pivots quickly from "work" position to "storage" position on top of the helmet
- Scratch- and fog-resistant
- Weight: 180 g
- Certification(s): CE EN 166, 1BT8, EN 170, 2C-1,2 ANSI Z87.1-2010

## Reflective stickers



- Sheet of four pre-cut reflective stickers for increased visibility
- For VERTEX (A10110) & ALVEO (A20110)

## Transparent stickers A10100

- Sheet of 36 transparent stickers for personalizing VERTEX and ALVEO helmets

## Absorbent foam

- Comfort foam absorbs perspiration
- Machine washable
- For VERTEX (A10200) & ALVEO (A20200)

## Replacement foams

- Does not absorb perspiration
- Easy maintenance
- For VERTEX (A10210) & ALVEO (A20210)

## AVAO® BOD CROLL FAST C71CFA

Comfortable harness for rope access

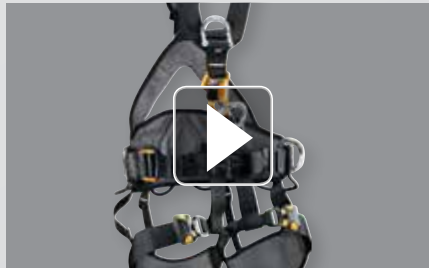


Shoulder straps with self-locking DoubleBack buckles for easier harness adjustment.

Integrated CROLL ventral rope clamp. The shoulder strap/waistbelt connector is equipped with a captive bar to inhibit connector rotation.

Two attachment points allow a PODIUM seat to be attached for greater comfort during prolonged suspension. (AVAO BOD CROLL FAST)

- Integrated CROLL ventral rope clamp for ascending ropes
- X-shaped dorsal construction wraps to reduce pressure points during prolonged suspension
- Wide, semi-rigid waistbelt & leg loops for excellent support
- Contoured and lined with breathable perforated foam for maximum comfort when suspended
- Foam shoulder straps are widely spaced to reduce neck chafing. When the waistbelt is weighted, they help distribute the load over the shoulders
- Waistbelt and shoulder straps equipped with self-locking DoubleBack buckles for quick and easy adjustment
- Leg loops equipped with FAST automatic buckles for quick and easy opening and closing without the need to readjust them, even while wearing gloves
- Ventral attachment point that distributes the load between the waistbelt and the leg loops during suspended work
- Two lateral attachment points
- Transfer the load to the waistbelt for comfort when working with feet supported
- Can be flipped back against the waistbelt when snagging is an issue
- Sternal and dorsal attachment point
- In case of a fall on the dorsal attachment point, the weight is taken up on the leg loops, allowing the user to remain suspended longer while awaiting rescue
- Rear attachment point on the waistbelt for connecting a restraint lanyard
- Five pre-shaped equipment loops with protective sheath
- Slots for CARITool tool holder
- Slots for TOOLBAG tool pouch
- Hooking points for installing a PODIUM seat for use in prolonged suspension
- Leg loops equipped FAST automatic buckles
- Available in a black version (C71CFN)
- Weight: 2330 - 2455 g
- Certification(s): CE EN 358, CE EN 361, CE EN 813, ANSI Z359 1, CSA Z259.10



Find the AVAO BOD CROLL FAST harness video presentation at [www.petzl.com](http://www.petzl.com)



## AVAO® BOD

Comfortable fall arrest & work positioning harness

- X-shaped dorsal construction wraps to reduce pressure points during prolonged suspension
- Wide, semi-rigid waistbelt and leg loops for excellent support. They are contoured and lined with breathable perforated foam for maximum comfort when suspended
- Foam shoulder straps are widely spaced to reduce neck chafing. When the waistbelt is weighted, they help distribute the load over the shoulders
- Waistbelt and shoulder straps equipped with self-locking DoubleBack buckles for quick and easy adjustment
- A ventral attachment point that distributes the load between the waistbelt and the leg loops during suspended work
- Two lateral attachment points transfer the load to the waistbelt for comfort when working with feet supported. They can be flipped back against the waistbelt when snagging is an issue
- Sternal and dorsal attachment point for connecting a fall arrest system
- In case of a fall on the dorsal attachment point, the weight is taken up on the leg loops, allowing the user to remain suspended longer while awaiting rescue
- Rear attachment point on the waistbelt for connecting a restraint lanyard
- Five pre-shaped equipment loops with protective sheath
- Slots for CARITool tool holder
- Slots for TOOLBAG tool pouch
- Available with leg loops equipped with self-locking DoubleBack buckles (C71AAA) or FAST automatic buckles (C71AFA)
- AVAO BOD FAST black version (C71AFN)
- Weight: 2145 - 2270 g
- Certification(s): CE EN 358, CE EN 361, CE EN 813, ANSI Z359 1, NFPA 1983, CSA Z259.10



## Accessories



TOOLBAG SMALL



TOOLBAG LARGE



PODIUM



### TOOLBAG

#### Tool pouch

- Allows tools to be organized during suspended work
- Cordlock allows the pouch to be closed easily during transport or when moving about
- Attaches easily to any harness in the AVAO line
- **TOOLBAG S (S47Y S):**
  - for smaller tools (measuring tape, pencil, screws/nuts)
  - small size (2.5 liters), 170 g
- **TOOLBAG L (S47Y L):**
  - for hand tools (hammer, screwdriver)
  - large size (5 liters), 240 g

### PODIUM S70

#### Podium seat designed for prolonged suspension

- Wide, comfortable seat offers excellent stability
- Rigid sides prevent the webbing straps from cutting into the thighs
- Straps with self-locking DoubleBack buckles
- Three equipment loops
- Easily positioned on the back when not in use
- Weight: 1170 g



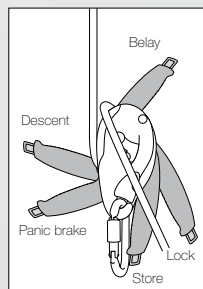
© Lafouche

## I'D S

## Self-braking descender with anti-panic function



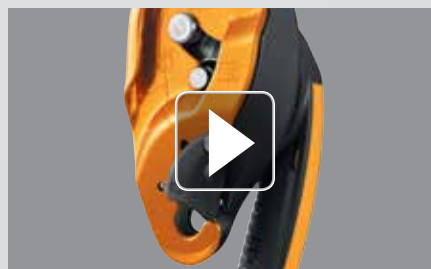
- Multi-functional handle allows the user to:
  - unblock the rope and control the descent with the hand on the free end of the rope
  - move more easily on horizontal or low-angle terrain thanks to the button on the handle
  - position themselves while on the rope without tying off the device
- Anti-panic function is engaged if the user pulls too hard on the handle: the pivoting cam is released and automatically brakes to stop the descent
- Anti-error safety catch to reduce the risk of an accident due to incorrect installation of the rope
- Shape of the cam is designed to improve rope glide when ascending
- Safety gate on the moving side plate helps prevent dropping the device and facilitates installation of the rope and passing intermediate anchors
- Pivoting cam facilitates taking up slack in the rope
- Can also be used to make a reversible haul system, and for short ascents (in conjunction with FOOTPRO foot loop and ASCENSION handled rope clamp)
- A screw (into the back of the device) allows the moving side-plate to be locked so that the I'D S can be part of a rescue kit
- For ropes between 10 and 11.5 mm in diameter
- Available in two versions:
  - I'D S (D200SO): yellow
  - I'D S (D200SN): black
- Individually tested
- Weight: 530 g
- Certification(s): CE EN 341 Class A, CE EN 12841 type C, NFPA 1983 Technical Use



The I'D descender's multi-function handle allows the user to control the descent and to get into position at the work station. It also has an anti-panic function that is engaged if the user pulls too hard on the handle, and a button that facilitates movement on a low-angle or horizontal surface.



The anti-error catch reduces the risk of an accident due to incorrect installation of the rope in the device.



Find all the possibilities of the I'D self-braking descenders at [www.petzl.com/ID](http://www.petzl.com/ID).



## I'D L

## Self-braking descender with anti-panic function for rescue

- Designed for rescue: lacks gated attachment hole
- Multi-functional handle allows the user to:
  - unblock the rope and control the descent with the hand on the free end of the rope
  - move more easily on horizontal or low-angle terrain thanks to the button on the handle
  - position himself while on the rope without tying off the device
- Anti-panic function is engaged if the user pulls too hard on the handle: the pivoting cam is released and automatically brakes to stop the descent
- Anti-error safety catch to reduce the risk of an accident due to incorrect installation of the device on the rope
- Shape of the cam is designed to improve rope glide when ascending
- Pivoting cam facilitates taking up the slack in the rope
- Can also be used to make a reversible haul system, and for short ascents (in conjunction with FOOTPRO foot loop and ASCENSION handled rope clamp)
- For ropes between 11.5 and 13 mm in diameter
- Available in two versions:
  - I'D L (D200LO): red
  - I'D L (D200LN): black
- Individually tested
- Weight: 530 g
- Certification(s): CE EN 341 Class A, NFPA 1983 General Use

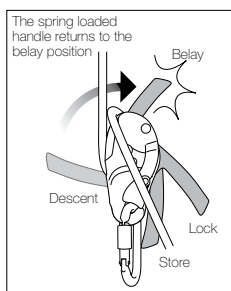




## RIG

### Compact self-braking descender

- Designed for rope access work (expert users only)
- Multi-functional handle allows the user to:
  - unblock the rope and control the descent with the hand on the free end of the rope
  - position themselves while on the rope without tying off the device
- Automatic return system on the handle limits risks in case of an involuntary action by the user
- Handle storage position reduces the risk of snagging when the descender is being carried on the harness
- Safety gate on the moving side plate helps prevent dropping the device and facilitates installation of the rope and passing intermediate anchors
- Pivoting cam facilitates taking up the slack in the rope
- Can also be used to make a reversible haul system, and for short ascents (in conjunction with FOOTPRO foot loop and ASCENSION handled rope clamp)
- For single ropes between 10.5 and 11.5 mm in diameter
- Available in two versions:
  - RIG (D21A): yellow
  - RIG (D21AN): black
- Individually tested
- Weight: 380 g
- Certification(s): CE EN 12841 type C, CE EN 341 class A, NFPA 1983, Technical Use



The RIG descender's multi-functional handle allows the user to control the descent and to get into position at the work station. The automatic return system on the handle limits risks in case of an involuntary action by the user.

© Laifouche





ASCENSION  
Handled rope ascender



NEW  
2015



- Ergonomic molded handle allows a comfortable yet powerful grip
- Wide opening allows the handle to be easily grasped, even with thick gloves.
- Ergonomic upper part to maximize power when pulling with two hands
- Safety catch is totally integrated into the body of the rope clamp to help prevent snagging
- Toothed cam with self-cleaning slot optimizes performance under any conditions (frozen or dirty ropes...)
- Wide lower hole allows the carabiners of the PROGRESS lanyard and FOOTAPE or FOOTCORD footloop to be easily attached
- Upper hole for clipping a carabiner around the rope
- Left- and right-handed versions:
  - ASCENSION (B17ARA): right-handed, yellow
  - ASCENSION (B17ALA): left-handed, black
- For single ropes 8 - 13 mm in diameter
- Weight: 195 g
- Certification(s): CE EN 567, EN 12841 type B, NFPA 1983 Technical Use



The overmolded dual-density grip has an area for the index finger and a wide, supportive base to keep the hand from slipping. This shape ensures a comfortable and powerful grip, increasing efficiency when ascending a rope.



BASIC



CROLL



FOOTAPE



FOOTCORD



BASIC B18BAA

Compact, versatile rope clamp

- Compact rope clamp for excellent grip
- Versatile: used to ascend a fixed rope, or as progress capture in a hauling system
- Toothed cam with self-cleaning slot optimizes performance under any conditions (e.g. rope that is icy, muddy, etc.).
- Wide lower hole allows lanyard and foot loop carabiners to be easily connected
- Upper hole for clipping a carabiner around the rope
- For single ropes between 8 and 11 mm in diameter
- Weight: 85 g
- Certification(s): CE EN 567, EN 12 841 type B

CROLL B16BAA

Compact, lightweight chest rope clamp

- Used with the ASCENSION handled rope clamp for ascending a rope
- Toothed cam with self-cleaning slot optimizes performance under any conditions (e.g. rope that is icy, muddy, etc.)
- Rope channel is reinforced with stainless steel for greater durability
- Catch is opened by pinching for easy, simple manipulation
- Lower hole is angled to keep the device flat
- Upper hole for attaching a SECUR shoulder strap to keep the rope clamp in position
- For single ropes between 8 and 11 mm in diameter
- Weight: 85 g
- Certification(s): CE EN 567, EN 12 841 type B

FOOTAPE C47A

Adjustable webbing foot loop

- Attaches to the ASCENSION handled rope clamp or the BASIC rope clamp for rope ascents
- Underfoot strap is abrasion-resistant and is slightly rigid to make it easier to step into
- Elastic keeps foot in loop. It is height adjustable so it works with any type of shoe and stores easily when not in use
- DoubleBack buckle easily and quickly adjusts length of foot loop
- Weight: 76 g

FOOTCORD C48A

Adjustable cordage foot loop

- Attaches to the ASCENSION handled rope clamp or the BASIC rope clamp for rope ascents
- 100 % Dyneema for increased durability
- Elastic keeps foot in loop. It is height adjustable so it works with any type of shoe and stores easily when not in use
- Plate for adjusting foot loop length
- Weight: 42 g



BUY NOW

## ASAP LOCK<sup>®</sup> B71ALU

### Mobile fall arrest device for rope

- Constant fall protection:
  - arrests falls, slides, and uncontrolled descents
  - works on vertical or angled rope
  - locks on the rope even if grabbed during the fall
- Integrated locking function allows the user to immobilize the device to reduce the length of a fall. In case of a strong wind, this function also prevents the rope from becoming too slack above the device.
- Simple to use, and effective:
  - moves up or down the rope without any manual manipulation of the device
  - easy to install and remove at any point on the rope
  - connection arm makes the system difficult to lose when passing intermediate anchors
  - is used with an ASAP'SORBBER or ABSORBICA energy absorbing lanyard to work at a distance from the rope
- Weight: 425 g
- Certification(s): CE EN 353-2, CE EN 12841 type A



Locking function allows the user to immobilize the device to reduce the length of a fall.



BUY NOW

## ASAP<sup>®</sup> B71AAA

### Mobile fall arrest device for rope

- Stops a fall, slide or uncontrolled descent
- For use on a lifeline
- Locks even if the device is grabbed during a fall
- Works on vertical or angled rope
- Moves up and down along the rope without manual intervention
- Easy to install and remove at any point on the rope
- May be used with an ASAP'SORBBER or ABSORBICA energy absorber to create the desired distance from the safety line
- Comes with OK TRIACT-LOCK locking carabiner
- Weight: 370 g (295 g for ASAP & 75 g for OK TRIACT-LOCK)
- Certification(s):
  - CE EN 353 2 (fall arrest system): ASAP with semi-static EN 1891 type A rope certified with the product (10.5 to 13 mm diameter with sewn termination)
  - CE EN 12841 type A (difficult access): ASAP with any semi-static EN 1891 type A rope (10 to 13 mm diameter)



In case of a sudden movement (fall, slide, uncontrolled descent, etc.), the fall arrester locks on the rope and stops the user.



ASAP'SORBBER

ABSORBICA

BUY NOW

## ASAP'SORBBER

### Energy absorbing integrated lanyard for ASAP

- Designed to connect the ASAP mobile fall arrester to a harness
- Absorbs energy by the tearing of specific stitching
- Ends equipped with STRING to hold the connector in position and protect the webbing from abrasion
- Available in two lengths to reach the best compromise between distance from the rope and height of the fall:
  - ASAP'SORBBER (L71AA 20): 20 cm (required clearance: 3.15 m, weight 60g)
  - ASAP'SORBBER (L71AA 40): 40 cm (required clearance: 3.50 m, weight 100 g)
- Certification(s): CE EN 355

BUY NOW

## ABSORBICA L57

### Tear webbing energy absorber

- See page 16 for details







VULCAN TRIACT-LOCK



WILLIAM



FREINO



OXAN TRIACT-LOCK



AM'D



OK TRIACT-LOCK

## VULCAN TRIACT-LOCK M73 TLA

### High-strength steel locking carabiner

- Designed for rescue professionals
- Large-capacity opening
- High strength
- Ideal for setting multiple anchors where conditions are difficult and weight is not an issue
- Keylock system
- Optimized for frequent manipulation
- Weight: 330 g
- Certification(s): CE EN 362, NFPA 1983 General Use, ANSI Z359.1, CSA Z259.12

## OXAN TRIACT-LOCK M72 TLA

### Steel symmetric locking carabiner

- Designed for work-at-height professionals
- Strength & compact size make them particularly suited for use
  - difficult conditions where weight is not an issue
  - setting fixed anchors
  - connecting to metal structures, etc.
- Keylock system
- Weight: 250 g
- Certification(s): CE EN 362, NFPA 1983 Technical, ANSI Z359.1, CSA Z259.12

## WILLIAM

### Large capacity aluminum carabiner

- Large size and opening to allow easy anchoring of several ropes and slings
- Wide pear shape facilitates belaying with a Munter hitch
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Available in two different locking systems:
  - WILLIAM (M36 TL): TRIACT-LOCK
  - WILLIAM (M36 BL): BALL-LOCK
- Weight: 90 g
- Certification(s): CE EN 362, CE EN 12275 type B & H

## AM'D

### Asymmetrical aluminum carabiner

- Specifically adapted for connection of equipment and use at the end of a lanyard
- Excellent strength-to-weight ratio
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Available in two different locking systems:
  - Am'D (M34 TL): TRIACT-LOCK
  - Am'D (M34 BL): BALL-LOCK
- Weight: 75 g
- Certification(s): CE EN 362, CE EN 12275 type B & K

## FREINO M42

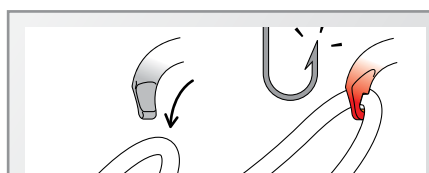
### Carabiner with friction spur for descenders

- The spur helps increase the friction for improved control of the descent of a heavy load (e.g. two-person rescues)
- TWIST LOCK automatic locking sleeve, unlocked by a simple rotation
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Used, for example, with the I'D and RIG self-braking descenders
- Weight: 75 g
- Certification(s): CE EN 362, CE EN 12275 type B & K

## OK TRIACT-LOCK M33 TL

### Oval aluminum carabiner

- Versatile oval symmetric shape for optimal positioning of equipment (pulleys, rope clamps, mobile fall arresters, etc.)
- Ideal for hauling
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Weight: 75 g
- Certification(s): CE EN 362, CE EN 12275 type B & K



All Petzl carabiners have the Keylock system that prevents unwanted snagging of the connector during maneuvers.



VERTIGO TWIST-LOCK



DEMI ROND



DELTA



RING OPEN



SPIRIT



GO



SWIVEL OPEN

## VERTIGO TWIST-LOCK<sup>M40A RLA</sup>

### Carabiner for progression lanyard

- Designed for use at the end of a PROGRESS lanyard
- Facilitates manipulations when passing intermediate anchors
- ergonomic shape for excellent grip
- TWIST-LOCK automatic locking system is easy to use. It is unlocked by a simple rotation
- wide opening for easy connection of the carabiner
- Keylock system to avoid any involuntary snagging of the carabiner
- Simplified inspection:
  - H profile protects markings from abrasion
  - identification with Datamatrix code for quick inspection of product
- Weight: 100 g
- Certification(s): CE EN 362

## SPIRIT<sup>M53 S</sup>

### Non-locking progression carabiner

- Non-locking, clips easily
- Keylock system helps prevent snagging of the carabiner during maneuvers
- Weight: 75 g
- Certification(s): CE EN 362, CE EN 12275 type B & K

## DEMI ROND<sup>P18</sup>

### Semi-circle aluminum alloy quick link

- Used to close any harness having two attachment points that must be joined with a connector
- When closed with a wrench, it becomes a semi-permanent anchor ring
- Weight: 55 g
- Certification(s): CE EN 12275 type Q

## DELTA<sup>P11</sup>

### Triangular steel quick link

- When closed with a wrench, it becomes a semi-permanent anchor ring
- Weight: 150 g
- Certification(s): CE EN 12275 type Q

## GO<sup>P15</sup>

### Oval steel quick link

- When closed with a wrench, it becomes a semi-permanent anchor ring
- Weight: 60 g
- Certification(s): CE EN 12275 type Q

## RING OPEN<sup>P28</sup>

### Multi-directional gated ring

- Ring designed for semi-permanent connection of equipment
- Round shape ensures optimal functioning in all directions
- Wide opening allows installation of ropes with sewn terminations
- All axis MBS: 23 kN
- Weight: 70g
- Certification(s): CE

## SWIVEL OPEN<sup>P58 SO</sup>

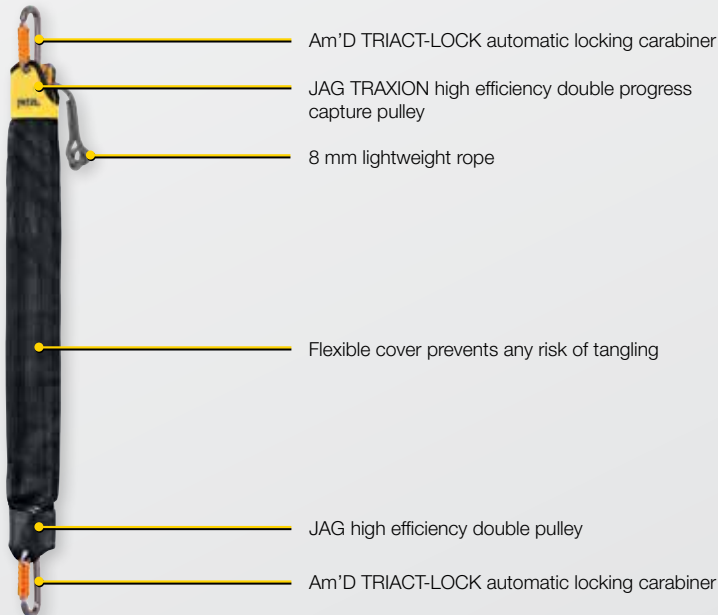
### Gated swivel with sealed ball bearings

- See page 17 for details

## JAG SYSTEM P44

### Haul kit

**NEW  
2015**



- Versatile:
  - allows pickoffs, making a releasable anchor, tensioning system...
  - can be coupled with an I'D descender to make a reversible rescue kit to pickoff and evacuate a victim
- Hauling effectiveness:
  - 4:1 mechanical advantage allows user effort to be divided by 4
  - excellent efficiency due to sheaves mounted on sealed ball bearings
  - deployment possible even when the distance to the anchor is very short, thanks to the extreme compactness of the collapsed system (30 cm)
  - 8 mm light weight rope The mechanical advantage guarantees a good grip.
- Quick and easy to deploy:
  - kit always ready to use thanks to the flexible cover that prevents any risk of tangling
  - haul end immediately identifiable thanks to the yellow color of the end of the cover
  - the ends of the cover hold the connectors in position to facilitate clipping
- Comes with two Am'D TRIACT-LOCK auto-locking carabiners.
- JAG and JAG TRAXION pulleys also available separately for making long haul systems (e.g. confined space descent/ascent system).
- Working load limit: 6 kN
- Breaking strength: 16 kN
- Weight: 590 g



The kit is always ready to use, thanks to the flexible cover that prevents any risk of tangling.



The JAG SYSTEM is very compact, allowing use even when the distance to the anchor is very short.



JAG TRAXION



JAG

## JAG TRAXION P54

### High efficiency double progress capture pulley

- Designed for use with the JAG double pulley to make a 4:1 haul system
- Toothed cam with self-cleaning slot optimizes performance under any conditions (frozen or muddy ropes...)
- Sheaves mounted on sealed ball bearings for excellent efficiency
- Sheave diameter: 25 mm
- Efficiency: 91%
- Working load limit: 2 x 1.5 kN x 2 = 6 kN
- Weight: 145 g
- Certification(s): CE EN 567, NFPA 1983 Technical Use

## JAG P45

### High efficiency double pulley

- Designed for use with the JAG TRAXION double progress capture pulley to make a 4:1 haul system
- Sheaves mounted on sealed ball bearings for excellent efficiency
- Sheave diameter: 25 mm
- Efficiency: 91%
- Working load limit: 2 x 1.5 kN x 2 = 6 kN
- Weight: 120 g
- Certification(s): CE EN 12278, NFPA 1983 Technical Use





PRO TRAXION



MICRO TRAXION

## PRO TRAXION P51A

### Very efficient progress capture pulley

- Pulley with integrated progress capture device can be used as a pulley or rope clamp:
  - Trigger cam with teeth and cleaning slot works even on dirty or icy ropes
  - Ergonomic spring-loaded catch is easy to manipulate, even with gloves
  - Spring-loaded catch can be locked in open position for use as a simple pulley
- Large diameter aluminum sheave mounted on sealed ball bearings for excellent efficiency
- Lockable moving side plate makes it possible to install the rope easily even if the pulley is already attached to the anchor
- Auxiliary attachment point for locking the pulley and creating different types of hauling systems
- For use with OK or WILLIAM type carabiner
- Safe working load: 6 kN (3 kN on one rope end)
  - 2.5 kN on rope clamp
- Weight: 265 g
- Certification(s): CE EN 567, CE EN 12278, NFPA 1983 Technical Use

## MICRO TRAXION P53

### Compact, lightweight progress capture pulley

- Pulley with integrated progress capture device can be used as a pulley or rope clamp:
  - Toothed cam with cleaning slot works even on dirty or icy ropes
  - Ergonomic spring-loaded catch is easy to manipulate, even with gloves
  - Spring-loaded catch can be locked in open position for use as a simple pulley
- Lightweight and compact, ideal for work and rescue kits
- Aluminum sheave mounted on self-lubricating bushing
- For use with OK or WILLIAM type carabiner
- Safe working load: 5 kN (2.5 kN on one rope end)
  - 2.5 kN on rope clamp
- Weight: 85 g
- Certification(s): CE EN 567



## PRO P46

## High-efficiency loss-proof pulley



7 ≤  $\phi$  ≤ 13 mm

- Designed for maximum simplicity when setting up hauling or load deviation systems:

- The rope can be easily installed even when the pulley is connected to the anchor
- The pulley always stays attached to its connector, making it loss-proof.

- Especially suited for handling heavy loads
- large diameter sheave mounted on sealed ball bearings for excellent efficiency

- side plate locks when loaded and prevents opening of the pulley during use

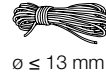
- Weight: 205 g
- Certification(s): CE EN 12278, EAC, NFPA 1983 Technical Use



The side plate locks under load to prevent opening of the pulley during use.



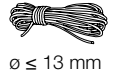
FIXE



$\phi \leq 13$  mm



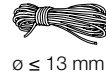
MINDER



$\phi \leq 13$  mm



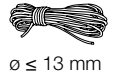
RESCUE



$\phi \leq 13$  mm



TWIN



$\phi \leq 13$  mm



## FIXE P05W

## Versatile compact pulley

- Fixed side plates allow quick installation and coupling with a rope clamp
- Designed for hauling systems & deviations
- 21mm sheave mounted on self-lubricating bushings for efficiency (71%)
- For use with OK or WILLIAM type carabiner
- Safe working load: 5 kN
- MBS: 23 kN
- Weight: 90 g
- Certification(s): CE EN 12278

## RESCUE P50A

## High strength, high efficiency pulley

- For rescue professionals
- Designed to maneuver heavy loads or for intensive use
- 38mm aluminum sheave mounted on sealed ball bearings for excellent efficiency (95%)
- Accepts up to three carabiners to facilitate use
- Safe working load: 8 kN (4 kN on one rope end)
- MBS: 36 kN
- Weight: 185 g
- Certification(s): CE EN 12278, NFPA 1983 General Use

## MINDER P60A

## High strength, high efficiency Prusik pulley

- Special side plates designed for use with a Prusik friction hitch in progress capture systems
- 2" tread diameter aluminum sheave mounted on sealed ball bearings for excellent efficiency (97%)
- Accepts up to three carabiners to facilitate use
- Safe working load: 8 kN (4 kN on one rope end)
- MBS: 36 kN
- Weight: 295 g
- Certifications: CE EN 12278, NFPA 1983 General Use

## TWIN P65A

## High strength, high efficiency double Prusik pulley

- Special side plates designed for use with a Prusik friction hitch in progress capture systems
- Parallel mounted sheaves and auxiliary attachment point for creating different types of simple & complex hauling systems
- 2" tread diameter aluminum sheave mounted on sealed ball bearings for excellent efficiency (97%)
- Accepts up to three carabiners to facilitate use
- Safe working load: 12 kN (3 kN on one rope end)
- MBS: 36 kN
- Weight: 450 g
- Certification(s): CE EN 12278, NFPA 1983 General Use



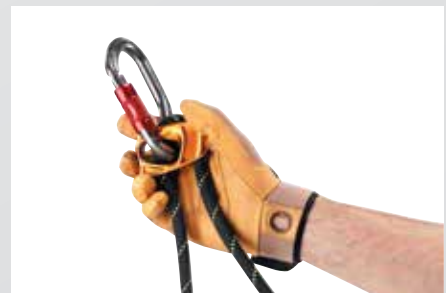
## PROGRESS ADJUST L44R

### Adjustable progression lanyard



- Adjustable double lanyard that provides a continuous connection in all types of progression:
  - rope ascent: fixed arm for attaching an ASCENSION handled rope clamp, adjustable arm to adjust lanyard length when passing intermediate anchors.
  - moving along traverse lines: fixed arm and adjustable arm of the same length to facilitate progression.
- Ease of handling:
  - Very quick and precise length adjustment of the adjustable arm thanks to the ergonomic shape of the ADJUST rope clamp
  - facilitated clipping due to connectors held in correct position
- Dynamic rope lanyard to limit the impact transmitted to the user in case of a short fall (1).
- Lengths:
  - fixed arm: 65 cm
  - adjustable arm: up to 95 cm
- Weight: 245 g
- Certification(s): CE EN 358, EAC

1) Progression lanyards do not have energy absorbers. They thus should only be used if the fall factor is less than 1 (used below the ASCENSION handled rope clamp or anchor point).



The PROGRESS ADJUST lanyard adjusts very quickly and easily thanks to the ADJUST rope clamp, which releases with a simple turn and handles easily due to its ergonomic shape.

## PROGRESS ADJUST I L44IR

### Adjustable lanyard



- Adjustable lanyard for positioning
  - Ease of handling:
    - Very quick and precise length adjustment thanks to the ergonomic shape of the ADJUST rope clamp
    - facilitated clipping due to connectors held in correct position
  - Dynamic rope lanyard to limit the impact transmitted to the user in case of a short fall (1).
  - Lengths up to 95 cm
  - Weight: 155 g
  - Certification(s): CE EN 358, EAC
- 1) Progression lanyards do not have energy absorbers. They thus should only be used if the fall factor is less than 1 (used below the ASCENSION handled rope clamp or anchor point).



The rubber ring holds the carabiner in position, facilitating clipping.



## PROGRESS L44

### Progression lanyard

- Dynamic rope lanyard limits energy transmitted to the user during a limited fall (do not go above the anchor point)
- Fall indicator: the green stitching disappears when the lanyard is subjected to a major fall (improper use)
- Y shape allows connection when progressing along a fixed line
- Long arm used with an ASCENSION handled rope clamp for progression on a rope
- Short arm for clipping in when passing intermediate anchors
- Ends equipped with a plastic sheath that holds the connector in place and protects the webbing from abrasion
- Lengths:
  - short arm: 30 cm
  - long arm: 65 cm
- Weight: 150 g
- Certification(s): CE EN 354

## JANE

### Non-adjustable dynamic rope lanyard

- Can be combined with an ABSORBICA energy absorber to set up an energy-absorbing lanyard of less than two meters
- Sewn ends protected by plastic sheath to hold the connector in place and protect the terminations from abrasion
- Lanyards without connector:
  - JANE 0.6 m (L50 60): 110 g
  - JANE 1 m (L50 100): 130 g
  - JANE 1.5 m (L50 150): 185 g
  - JANE 2 m (L50 200): 225 g
- Certification(s): CE EN 354





## GRILLON

### Adjustable lanyard without connectors

- 5, 10, 15, and 20 meter versions can be used as temporary lifelines
- Available in five lengths:
  - L52A 002, 2 m- 435 g; CE EN 358
  - L52A 003, 3 m- 515 g; CE EN 358
  - L52A 004, 4 m- 595 g; CE EN 358
  - L52A 005, 5 m- 675 g; CE EN 358, EN 795 C
  - L52A 010, 10 m- 1055 g; CE EN 358, EN 795 C
  - L52A 015, 15 m- 1455 g; CE EN 358, EN 795 C
  - L52A 020, 20 m- 1900 g; CE EN 358, EN 795 C
- Certification(s): CE EN 358

## GRILLON HOOK

### Adjustable lanyard with HOOK connector

- Designed to clip onto metal structures, cables and small-diameter bars with automatically-locking HOOK connector
- Available in four lengths:
  - L52H 002, 2 m - 625 g; CE EN 358
  - L52H 003, 3 m - 735 g; CE EN 358
  - L52H 004, 4 m - 815 g; CE EN 358
  - L52H 005, 5 m - 895 g; CE EN 358

## GRILLON MGO L52M 003

### Adjustable lanyard with MGO connector

- 3 meter lanyard designed to clip onto metal structures, cables and large-diameter bars with automatically-locking MGO connector
- Weight: 995 g
- Certification(s): CE EN 358

## ABSORBICA L57

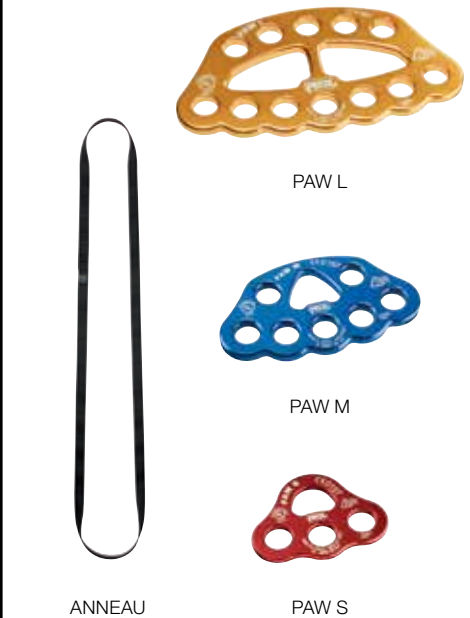
### Tear webbing energy absorber

- Used in combination with a JANE lanyard to set up an energy-absorbing lanyard with a maximum length of two meters
- Ends equipped with STRING to hold the connector in position and protect the webbing from abrasion
- Compact and lightweight

## ABSORBICA-Y

### Energy absorber with integrated double lanyard

- Designed for passing intermediate anchor points on fixed protection
- The energy of the fall is absorbed by the tearing of specific webbing
- Mesh pouch with zipper protects the energy absorber from abrasion or projections and allows regular verification of the absorber's condition
- Energy absorber end equipped with STRING
- Available without connector or with MGO large-opening connector, so in two lengths:
  - ABSORBICA-Y 80 (L59): 0.8 m
  - ABSORBICA-Y 80 MGO (L59 MGO): 1.05 m
  - ABSORBICA-Y 150 (L70150 Y): 1.5 m
  - ABSORBICA-Y 150 MGO (L70150 YM): 1.75 m
- Certification(s):
  - CE EN 355 (ABSORBICA-Y 80 & 150)
  - CE EN 355, EN 362 (ABSORBICA-Y 80 & 150 MGO)



## ANNEAU

### Webbing loop

- Nylon webbing for constructing or extending an anchor point
- Available in four lengths:
  - ANNEAU (C40 60): 60 cm (60 g)
  - ANNEAU (C40 80): 80 cm (80 g)
  - ANNEAU (C40 120): 120 cm (100 g)
  - ANNEAU (C40 150): 150 cm (135 g)
- Breaking strength: 22 kN
- Certification(s): CE EN 566. EN 795 B

## PAW

### Rigging plate

- For easy organization of the work area and for creating multiple anchor systems
- 19mm holes allow the locking sleeves of most carabiners to pass through
- Made of aluminum: excellent strength-to-weight ratio
- Breaking strength: 36 kN
- Available in three sizes:
  - PAW S (P63 S): small (weight: 55 g)
  - PAW M (P63 M): medium (weight: 210 g)
  - PAW L (P63 L): large (weight: 350 g)
- Certification(s): CE EN 0197, NFPA 1983 General Use

## SWIVEL OPEN P58 SO

Gated swivel with sealed ball bearings

NEW  
2015



- Can be attached to a wide range of products (pulleys, lanyards...) because of its large opening.
- Reduces bulk and weight of component systems.
- Solves twisting and tangling problems with ropes and lanyards in different situations:
  - hauling : prevents rope twist when the load turns on itself, thus reducing kinking
  - hauling: avoids the risk of friction between ropes, which improves efficiency
  - progression with a lanyard: avoids twisting and simplifies manipulations
- Excellent performance and reliability due to maintenance-free sealed ball-bearings
- Breaking strength: 23 kN
- Weight: 130 g
- Certification(s): CE, EAC, NFPA 1983 Technical Use



When progressing with a lanyard, the SWIVEL OPEN prevents the arms from twisting and simplifies manipulations.

© Lafouche







## VECTOR® 11

**Low-stretch rope designed for rope access, fall protection, and rescue**

- Fusion Process™ helps maintain the rope's shape and gives it excellent handling with nylon core & polyester sheath
- MBS : 7,000 lbf (31.2 kN)
- Available in following lengths and colors:
  - 46 m / 150 ft: white (R1146 W)
  - 46 m / 150 ft: red (R1146 R)
  - 46 m / 150 ft: blue (R1146 B)
  - 46 m / 150 ft: black (R1146 N)
  - 61 m / 200 ft: white (R1161 W)
  - 61 m / 200 ft: red (R1161 R)
  - 61 m / 200 ft: blue (R1161 B)
  - 61 m / 200 ft: black (R1161 N)
  - 183 m / 600 ft: white (R11183 W)
  - 183 m / 600 ft: red (R11183 R)
  - 183 m / 600 ft: blue (R11183 B)
  - 183 m / 600 ft: black (R11183 N)
  - 200 m / 656 ft: white (R11200 W)
  - 200 m / 656 ft: black (R11200 N)
  - 366 m / 1200 ft: white (R11366 W)
  - 366 m / 1200 ft: black (R11366 N)
- Weight: 6 lb/100 ft
- Certification(s): NFPA 1983 Technical Use



## VECTOR® 12.5

**Low-stretch rope designed for rescue**

- Fusion Process™ helps maintain the rope's shape and gives it excellent handling with nylon core & polyester sheath
- MBS : 9,000 lbf (40.1 kN)
- Available in following lengths and colors:
  - 46 m / 150 ft: white (R1246 W)
  - 46 m / 150 ft: red (R1246 R)
  - 46 m / 150 ft: blue (R1246 B)
  - 46 m / 150 ft: yellow (R1246 Y)
  - 46 m / 150 ft: orange (R1246 O)
  - 61 m / 200 ft: white (R1261 W)
  - 61 m / 200 ft: red (R1261 R)
  - 61 m / 200 ft: blue (R1261 B)
  - 61 m / 200 ft: yellow (R1261 Y)
  - 61 m / 200 ft: orange (R1261 O)
  - 183 m / 600 ft: white (R12183 W)
  - 183 m / 600 ft: red (R12183 R)
  - 183 m / 600 ft: blue (R12183 B)
  - 183 m / 600 ft: yellow (R12183 Y)
  - 183 m / 600 ft: orange (R12183 O)
  - 183 m / 600 ft: black (R12183 N)
  - 366 m / 1200 ft: white (R12366 W)
  - 366 m / 1200 ft: black (R12366 N)
- Weight: 7.7 lb/100 ft
- Certification(s): NFPA 1983 General Use



## rescue cord

**8mm Low-stretch cord designed for Prusiks, anchoring, and escape**

- Excellent performance when belaying with the Tandem Prusik technique
- Available in following lengths and colors:
  - 46 m / 150 ft: red (R846 R)
  - 46 m / 150 ft: orange (R846 O)
  - 46 m / 150 ft: green (R846 G)
  - 46 m / 150 ft: black (R846 N)
  - 92 m / 300 ft: red (R892 R)
  - 92 m / 300 ft: orange (R892 O)
  - 92 m / 300 ft: green (R892 G)
  - 92 m / 300 ft: black (R892 N)
- Weight: 3.3 lb/100 ft
- Certification(s): NFPA 1983 Escape Use



## Accessories



BUCKET



ROPE BUCKET



TRANSPORT



CORDEX PLUS



CORDEX



### BUCKET

#### Fabric pack, remains upright

- Exterior folding lid system that allows easy access to the contents of the bag
- External zippered pocket for personal effects
- Transparent external window for displaying an equipment identification card
- Interior attachment ring for rope
- Bottom is lined for longer wear
- Waterproof fabric
- Available in two versions:
  - BUCKET 25 liters (S41Y 025): 525 g
  - BUCKET 35 liters (S41Y 025): 630 g

### ROPE BUCKET

#### Foam-lined rope bag

- A sturdy bag for up to 200 ft of 1/2" rope or 600 ft of 11 mm rope (XL size)
- Foam lining keeps bag open for easy deployment and stuffing
- Available in following colors & sizes:
  - Standard - Blue (R41 B), Black (R41 N), Orange (R41 O), Yellow (R41 Y), & Red (R41 R)
  - X-Large - Black (R41XL N), Orange (R41XL O), & Red (R41XL R)
- Weight: 500 g (standard) / 1181 g (XL)

### TRANSPORT S42Y 045

#### Durable large-capacity bag

- Waistbelt, shoulder straps and back panel are padded for comfort
- Upper flap with inside identification card pocket
- Welded construction for greater strength (PVC free)
- Cordlock closure easy to manipulate, designed for difficult environments
- Side and top handles for carrying by hand
- Upper loop for hauling
- Inside loop for suspending pack in open position
- Capacity: 45 liters
- Weight: 1250 g

### CORDEX PLUS K53

#### Rigging and rappel gloves

- Durable double layer of natural, high quality leather in high-wear areas (fingertips, palm, between thumb and index finger)
- Back is made of durable leather with abrasion-resistant stretch nylon at key flex areas
- Neoprene cuff with Velcro closure
- Carabiner hole to attach gloves to harness
- Sizes in Black:
  - Small (K52 SN), Medium (K52 MN), Large (K52 LN), XL (K52 XLN)
- Sizes in Tan:
  - XS (K52 XST), Small (K52 ST), Medium (K52 MT), Large (K52 LT), XL (K52 XLT)
- Weight: 150 g
- Certification(s): CE EN 420, CE EN 388, 4143

### CORDEX K52

#### Lightweight belay/rappel gloves

- Natural, high-quality leather
- Durable double layer of leather in high-wear areas (fingertips, palm, between thumb and index finger)
- Back made of breathable stretch nylon
- Neoprene cuff with Velcro closure
- Carabiner hole to attach gloves to harness
- Sizes in Black:
  - Small (K53 SN), Medium (K53 MN), Large (K53 LN), XL (K53 XLN)
- Sizes in Tan:
  - XS (K53 XST), Small (K53 ST), Medium (K53 MT), Large (K53 LT), XL (K53 XLT)
- Weight: 140 g
- Certification(s): CE EN 420, CE EN 388, 4142



PIXA 3



PIXA 2



PIXA 3R



PIXA 1



## PIXA 3 E78CHB 2

### Multi-beam headlamp suitable for proximity lighting, movement, and long-range vision

- 100 lumens
- Can be worn on the head with headband, attached to helmet with included mounting plate, or placed on the ground
- Several lighting modes:
  - wide beam, low intensity proximity lighting
  - mixed beam, high intensity lighting for movement
  - focused beam, long-range vision
- Technology: CONSTANT LIGHTING - brightness that does NOT decrease gradually as the energy source is drained
- Turn knob is easy to use even with gloves on
- Storage position helps protect the lens and prevents inadvertently turning it on
- Weight: 160 g
- Power: 2 AAA/LR06 batteries (included)
- Compatible with rechargeable Ni-MH and lithium
- Certification(s): CE,
  - HAZLOC: class I groups C & D div II, Class II group G div II (certifications guaranteed only with alkaline batteries)
  - ANSI/NEMA FL1
- Watertightness: IP 67 (weather proof to -1 meter for 30 minutes)
- 3-year guarantee

## PIXA 3R E78CHR 2

### Rechargeable, multi-beam headlamp suitable for proximity lighting, movement, and long-range vision

- 90 lumens
- Can be worn on the head with headband, attached to helmet with included mounting plate, or placed on the ground
- Several lighting modes:
  - wide beam, low intensity proximity lighting
  - mixed beam, high intensity lighting for movement
  - focused beam, long-range vision
- Technology: CONSTANT LIGHTING - brightness that does NOT decrease gradually as the energy source is drained
- Turn knob is easy to use even with gloves on
- Storage position helps protect the lens and prevents inadvertently turning it on
- Weight: 160 g
- Power: 2 AAA/LR06 batteries (included)
- Compatible with rechargeable Ni-MH and lithium
- Certification(s): CE,
  - ANSI/NEMA FL1
- Watertightness: IP 67 (weather proof to -1 meter for 30 minutes)
- 3-year guarantee (battery 1 year or 300 cycles)

## PIXA 2 E78BHB 2

### Mixed beam headlamp suitable for proximity lighting and movement

- 80 lumens
- Can be worn on the head with headband, attached to helmet with included mounting plate, or placed on the ground
- Two lighting modes:
  - wide beam, low intensity proximity lighting
  - focused beam, high intensity lighting for movement
- Technology: CONSTANT LIGHTING - brightness that does NOT decrease gradually as the energy source is drained
- Easy to use:
  - turn knob is easy to use even with gloves on
  - storage position helps protect the lens and prevents inadvertently turning it on
- Weight: 160 g
- Power: 2 AAA/LR06 batteries (included)
- Compatible with rechargeable Ni-MH and lithium
- Certification(s): CE,
  - HAZLOC: class I groups C & D div II, Class II group G div II (certifications guaranteed only with alkaline batteries)
  - ANSI/NEMA FL1
- Watertightness: IP 67 (weather proof to -1 meter for 30 minutes)
- 3-year guarantee

## PIXA 1 E78AHB 2

### Wide beam headlamp suitable for proximity lighting

- 60 lumens
- Can be worn on the head with headband, attached to helmet with included mounting plate, or placed on the ground
- Two lighting modes:
  - wide beam, low intensity proximity lighting
  - wide beam, high intensity proximity lighting
- Technology: CONSTANT LIGHTING - brightness that does NOT decrease gradually as the energy source is drained
- Easy to use:
  - turn knob is easy to use even with gloves on
  - storage position helps protect the lens and prevents inadvertently turning it on
- Weight: 160 g
- Power: 2 AAA/LR06 batteries (included)
- Compatible with rechargeable Ni-MH and lithium
- Certification(s): CE,
  - HAZLOC: class I groups C & D div II, Class II group G div II (certifications guaranteed only with alkaline batteries)
  - ANSI/NEMA FL1
- Watertightness: IP 67 (weather proof to -1 meter for 30 minutes)
- 3-year guarantee

## TIKKA PRO E93HN

### Ultra-compact headlamp for proximity lighting

NEW  
2015



- 100 lumens
- Two lighting modes:
  - for proximity lighting
  - for limited movement
- Technology: STANDARD LIGHTING - brightness decreases gradually as the energy source is drained
- Easy to use:
  - push-button for easy, quick lighting mode selection
  - elastic headband adjusts easily
  - easy to open battery case
  - washable headband
- Weight: 85 g
- Power: 3 AAA/LR3 batteries (included)
- Certification(s): CE
- Watertightness: IPX4 (weather resistant)
- 3-year guarantee

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www.petzl.com

**Petzl headquarters:**  
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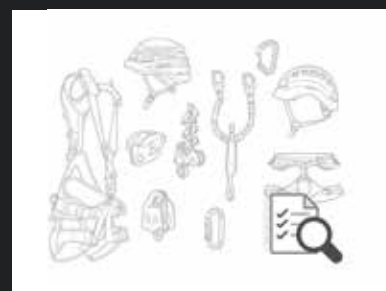


The Petzl Technical Institute is a solutions-based organization focused on overcoming problems for individuals who work or play in vertical and high-angle environments.

**Our mission is to serve as a center for knowledge, discussion, and the creation of solutions for those who work or play in the vertical world.**

Our new North American flagship facility, located in the heart of the Salt Lake Valley, features a 15,000-square-foot state-of-the-art technical training center.

The Petzl Technical Institute serves a wide array of user groups, from climbers, canyoneers, and cavers, to tower climbers, arborists, rope access technicians, fire-rescue professionals, tactical operators and more. As such, we offer a unique global verticality perspective not offered by any other training organization in North America.



### Petzl solutions

Our diverse network, with connections to all the realms of verticality, seeks to share solutions amongst the maximum number of users. The objective of this network is to answer end-users' technical questions as efficiently as possible, making this information readily available wherever they are located.

### Training facility features:

- 55-foot tall climbing wall with multi-pitch capability
- Over 5,000 sq. ft. of exposed structure climbing for training - including tower, rope-access, and industrial rescue
- Three-story vertical confined space training apparatus
- Two-story EXO tower for firefighter personal escape system training
- 36-foot tall drop-test structure
- 70-foot high-angle exterior surface for rooftop training
- Cafeteria and locker room with showers

### Solutions for tactical specialists:

1. PPE Inspection - 1 Day
2. PPE Inspection - Competent Person
3. Tower Access & Rescue Workshop
4. Petzl I'D & RIG Workshop
5. Mobile Fall Arrester
6. Solutions for Users over 220 lbs

***Learn more at [petzlsolutions.com](http://petzlsolutions.com)***





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