



**2024**  
Rescue  
Solutions



**We**  
**are** **PETZL.**

This is  
how we **see the world.**

We are committed to **creating safer places.**

For those who **work and play**  
in the vertical and dark worlds.

For those who want **to access**  
**their own inaccessible** every day.

We are **independent** and completely  
free to choose our own endeavors.

To maintain **industrial excellence**,  
paying attention to our impact.

To be pioneers in the pursuit of  
**perpetual innovation.**

Sharing, educating, building. **Together.**

This is  
how we **see the world.**

**We**  
**are** **PETZL.**





Petzl offers a broad range of equipment for rescue professionals. Whether you're on a wilderness, urban or industrial rescue team, our gear is ready to take on any situation. From concept to production, Petzl gear is designed to be versatile and durable, and hold up in demanding situations.

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## 2024 FULL-LINE CATALOG



Scan the code for an in depth look into Petzl products and solutions.





## **PETZL AMERICA PROFESSIONAL DIVISION**

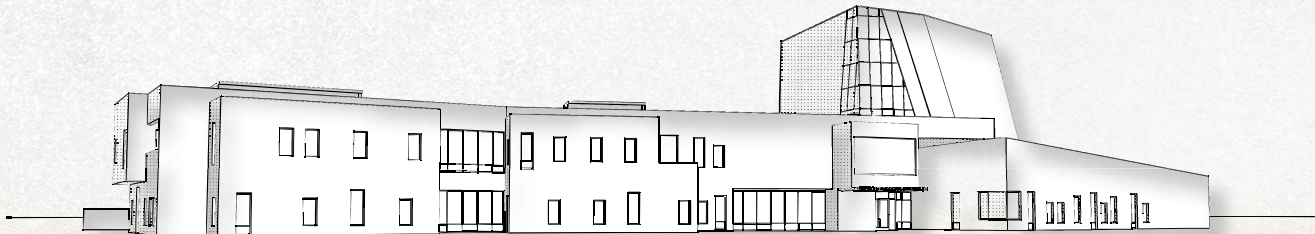
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Petzl's Professional Division provides personal protective equipment (PPE) and hands-free lighting (headlamps) for workers in many industries. Petzl America, the subsidiary office for the global Petzl Groupe, is the exclusive distribution point for the United States and Canada.

The Professional Division team offers sales, marketing, customer service, and technical field representation to all customers, as we strive to solve safety and efficiency challenges in our customers' unique working environments.

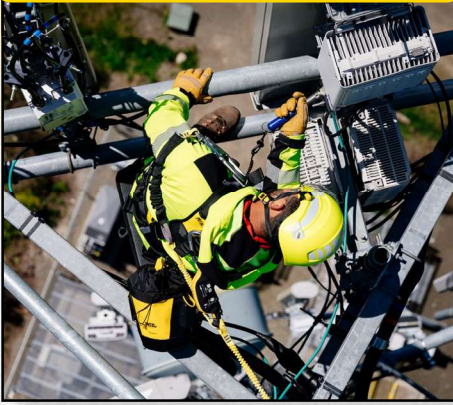


Salt Lake City,  
Utah





## TOWER



## WIND



## TREE CARE



## ROPE ACCESS



## FALL PROTECTION



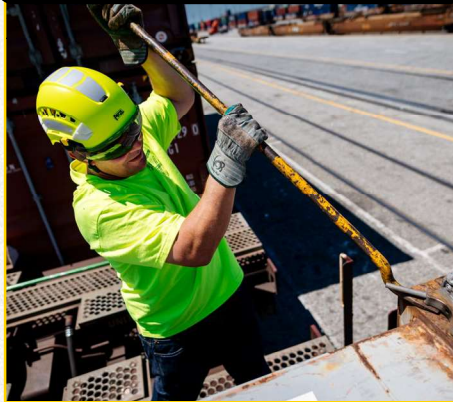
## WILDERNESS RESCUE



## INDUSTRIAL RESCUE



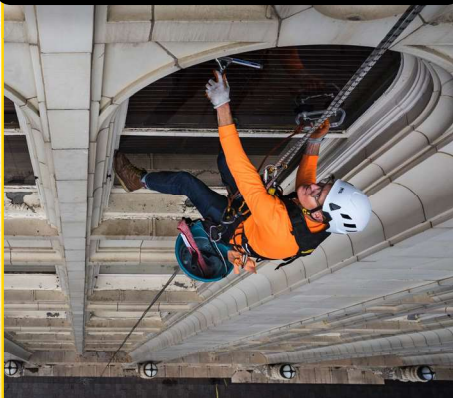
## GENERAL INDUSTRY



## MOUNTAIN RESORT



## WINDOW CLEANING



## MILITARY & TACTICAL



## LIGHTING





## SWIFT RL

Designed for rescue professionals, the new version of the rechargeable SWIFT RL headlamp offers 1100 lumens of brightness at only 110 grams. With its REACTIVE LIGHTING® technology, a sensor analyzes the ambient light and automatically adjusts brightness to your environment. Rechargeable via USB-C, the battery is removable and replaceable.

Lumens	1400
Weight	110 g
Beam Pattern	Mixed (wide and focused)



Reactive  
LIGHTING



Powerful and lightweight: 1100 lumens at only 110 g.



Longer burn time, greater visual comfort and less manual operation with REACTIVE LIGHTING® mode.



Rechargeable via USB-C port.

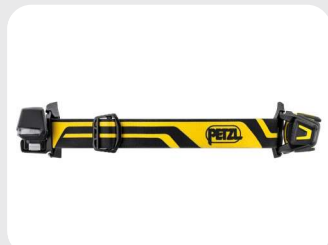


The five-level gauge allows precise monitoring of the battery charge level.

## XENA

Designed for technical rescue professionals, the XENA offers an excellent weight-to-power ratio (185 grams / 1400 lumens). The battery pack is in the rear, making it balanced and comfortable to wear. Three beam types and five lighting levels provide optimal visual comfort in a variety of situations. CONSTANT LIGHTING technology provides stable lighting intensity over time. It features a rotating knob that is easy to use, even when wearing gloves. Rechargeable via USB-C, the battery is removable and replaceable.

Lumens	1400
Weight	185 g
Beam Pattern	Wide, mixed, or focused



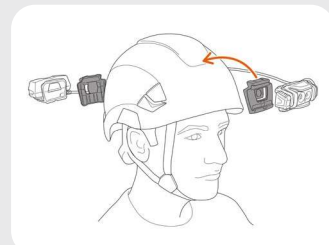
Powerful and lightweight, XENA casts 1400 lumens at 185 grams. The battery is worn in the rear for a more balanced and comfortable fit.



CONSTANT LIGHTING technology provides stable brightness over a given amount of time.



Battery is rechargeable via USB-C, and there is a battery charge indicator.



The XENA headlamp comes with two SLOT ADAPT plates so it can be installed on a Petzl helmet.



## TRANSPORT | DURABLE PACKS

Designed for regular to intensive use, the TRANSPORT pack are comfortable and durable. The back panel and shoulder straps are padded with thermoformed foam to optimize comfort, even when carrying heavy loads. They are constructed with high-strength TPU tarp material to withstand intensive use without premature wear. With a practical, freestanding design, they can also be hauled, hung open at a workstation, or carried using one of the three durable handles. The TRANSPORT 45 and TRANSPORT 60 have a waistbelt to distribute the weight of the pack. They are available in three sizes: 30, 45, and 60 liters, and in two colors: yellow/black and black.

Volume	30 L, 45 L, 60 L
Maximum Load	50 kg

TRANSPORT 30



TRANSPORT 45



TRANSPORT 60



Designed to remain upright, and equipment can easily be accessed when the pack is sitting open on the ground.



The upper flap has a transparent pocket for identification and a closed pocket for personal items or small equipment.



Loops on the shoulder straps can be used to attach a BUCKET rope bag to carry in front.





# HEADLAMPS

## HANDS FREE LIGHTING

Serving professionals in their everyday work, our headlamps provide innovative technology and performance beyond the required standards. Depending on the job at hand, Petzl offers a complete assortment of hands-free lighting to best fit your needs.

**XENA**



**ARIA 1**



**ARIA 1R**



**ARIA 1 RGB**



**SWIFT RL**



**ARIA 2**



**ARIA 2R**



**ARIA 2 RGB**



	XENA	SWIFT RL	ARIA 1	ARIA 1R	ARIA 2	ARIA 2R	ARIA 1 RGB	ARIA 2 RGB
Lumens	1400	1100	350	450	450	600	350	450
Max Distance	170 m	155 m	70 m	75 m	100 m	115 m	70 m	100 m
Max Burn Time	32 h	100 h	110 h	110 h	100 h	100 h	110 h	100 h
Beam Pattern	wide, mixed, or focused	mixed	flood	flood	flood, mixed	flood, mixed	flood	flood, mixed
Standard Lighting	NO	YES	YES	YES	YES	YES	YES	YES
Constant Lighting	YES	NO	NO	NO	NO	NO	NO	NO
Reactive Lighting	NO	YES	NO	NO	NO	NO	NO	NO
Weight	185 g	110 g	105 g	94 g	106 g	95 g	105 g	106 g
Red Lighting	NO	YES	NO	NO	NO	NO	YES	YES
RGB Lighting	NO	NO	NO	NO	NO	NO	YES	YES
Ingress Protection	IP67	IP54	IP67	IP67	IP67	IP67	IP67	IP67
Impact Protection	IK07	IK05	IK07	IK07	IK07	IK07	IK07	IK07
Fall Resistance	1 m	1 m	2 m	2 m	2 m	2 m	2 m	2 m
Colors	black/yellow	black/yellow	black/yellow	black/yellow	black/yellow	black/yellow	black, camo, desert	black, camo, desert
Rechargeable Battery Included	YES	YES	NO	YES	NO	YES	NO	NO



# HELMETS

## HEAD PROTECTION SYSTEMS

**VERTEX & STRATO** | Essential for work-at-height professionals, helmets give the user effective protection from falling objects or if the user falls. Thanks to a very secure fit on the head, Petzl helmets are comfortable to wear in many situations. With a complete line of entirely modular accessories, they meet the diverse needs of many working environments.



VERTEX



### Comfort Focused

protects against electrical hazards, molten metal splash and flames

VERTEX VENT



### Comfort Focused, Vented

vent holes with sliding shutters allow ventilation to be adjusted as needed

STRATO



### Lightweight

protects against electrical hazards, molten metal splash and flames

STRATO VENT



### Lightweight, Vented

ventilation holes allow airflow through the helmet

## ACCESSORIES

The VERTEX and STRATO helmets are modular systems, and can be used with Petzl's extensive line of easily interchangeable protective eye and face shields, lighting, and other accessories.



\*Visit [petzl.com](http://petzl.com) to view the CSA certified VERTEX



## FALCON SERIES | RESCUE HARNESSES









The FALCON harnesses are lightweight and comfortable sit harnesses designed for rescue operations. Each harness features a semi-rigid, slim waistbelt and leg loops with 3D foam padding that provide an optimal weight-to-comfort ratio. Available with different ventral attachment points and compatible with various accessories, the FALCON range is designed to fit the needs of rescue professionals.

**Certifications**

CE EN 813, CE EN 358, CE EN 12277 type C (FALCON MOUNTAIN only), ASTM F1772

**Sizes**

0 (FALCON only), 1, 2

	FALCON	FALCON ASCENT	FALCON MOUNTAIN
			
<b>Optimal Use</b>	Rescue operations involving suspension	Rescue operations and work involving rope ascent	Rescue operations that involve climbing techniques
<b>Ventral Attachment Point</b>	 Metal ventral attachment point distributes the load between the waistbelt and leg loops during suspension.	 Two-part ventral attachment point allows connection of a CROLL ventral rope clamp. Its low position makes it more efficient during rope ascents.	 Ventral attachment point with textile bridge favors progression with climbing techniques and makes for comfortable walking.
<b>Side Attachment Points</b>	 Textile side attachment points, for occasional use, limit bulk and weight. They can be converted to metal attachment points with the RING2SIDE accessory.		 Textile side attachment points, for occasional use, limit bulk and weight.

### WATCH: FALCON Overview Video



Scan the code to learn more about the new FALCON range and various accessories.



CHEST'AIR | CHEST HARNESS

The CHEST'AIR chest harness transforms the FALCON, FALCON MOUNTAIN, AVALO SIT and SEQUOIA SRT sit harnesses into full body harnesses. It connects to the harness's ventral attachment point for rapid installation. It adapts easily to all body types with its DOUBLEBACK self-locking buckles on the shoulder straps and ventral strap.

Weight	525 g
Certifications	CE EN 361, CE EN 12277 type D



Donning and removing the harness is quick and easy, even with thick clothing with the FAST LT buckles at the chest.



Back and shoulder straps are lined with 3D foam padding and are widely spaced to reduce chafing and provide additional comfort while hanging.



Two equipment loops on the sides make it possible to transport small equipment.

RING2SIDE | HARNESS ACCESSORY

The RING2SIDE accessory allows you to convert a textile lateral attachment point into a metal attachment point on the FALCON and FALCON ASCENT harnesses. Its large ring and intuitive clipping orientation makes it easier to attach equipment. It can also be folded down to avoid being snagged when not in use.

Weight	75 g
Certifications	CE EN 362 type M



The RING2SIDE allows you to convert a textile lateral attachment point into a metal attachment point on the FALCON or FALCON ASCENT.

RING2RING | HARNESS ACCESSORY

The RING2RING accessory for the FALCON MOUNTAIN is primarily used during helicopter rescue. It functions as a second attachment ring in addition to the textile loop, allowing the rescuer to better organize their equipment at the ventral attachment point and making it easier for the winch operator to access the connection point when connecting the rescuer.

Weight	100 g
Certifications	CE EN 362 type M, CE EN 12275 type Q



The RING2RING rigid ring acts as an additional attachment ring for the FALCON MOUNTAIN.



## MINI TRAXION |

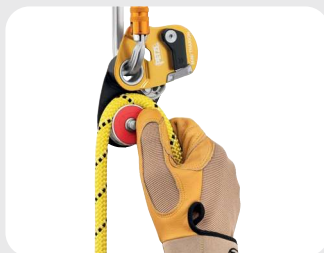
### COMPACT AND DROP-RESISTANT HIGH-EFFICIENCY PROGRESS CAPTURE PULLEY

The MINI TRAXION progress capture pulley is designed for setting up haul systems. With a medium-diameter sheave and great efficiency, it is particularly suitable for hauling mid-weight loads. It is compact, with reduced weight and bulk, which is especially useful during technical rescue and rope access work.

Rope Diameter	7 mm - 11 mm
Weight	150 g
Efficiency	93%
Certifications	CE EN 567, CE EN 12278, CE EN 12841 type B, NFPA 2500 Technical Use Pulley and Rope grab



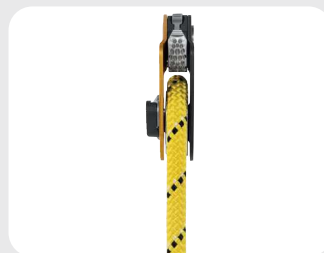
Triple-action opening of the moving side plate is quick and easy, even with gloves.



The rope can be installed when it is connected to the anchor.



The red indicator provides a visual warning when the moving side plate is unlocked.



When the cam is locked in a raised position, it can be used as a simple pulley.

## PRO TRAXION |

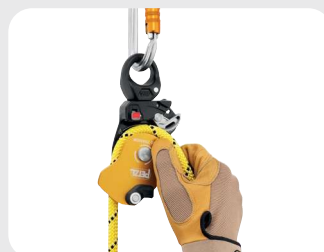
### VERY HIGH-EFFICIENCY, DROP-RESISTANT PROGRESS CAPTURE PULLEY WITH SWIVEL

The PRO TRAXION progress capture pulley is designed for setting up haul systems. With a large diameter sheave mounted on sealed ball bearings and excellent efficiency, it is particularly suitable for hauling heavy loads. The swivel makes it easier to operate, allowing the pulley to be oriented under load and for direct connection of carabiners, ropes, or slings.

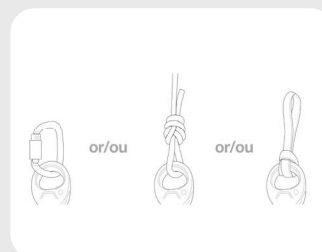
Rope Diameter	8 mm - 13 mm
Weight	295 g
Efficiency	95%
Certifications	CE EN 567, CE EN 12278, CE EN 12841 type B, NFPA 2500 Technical Use Pulley and Rope Grab



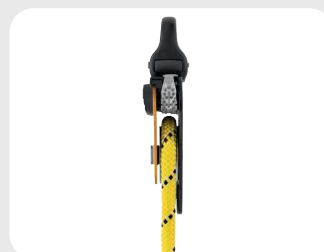
Triple-action opening of the moving side plate is quick and easy, even with gloves.



The rope may be installed in the PRO TRAXION pulley when the pulley is connected to the anchor.



Swivel and auxiliary attachment point allow the use of carabiners, ropes, or slings for easier rigging.



When the cam is locked in a raised position, it allows the PRO TRAXION to be used as a simple pulley.



## TWIN RELEASE |

### RELEASABLE DOUBLE PROGRESS CAPTURE PULLEY FOR HAUL SYSTEMS

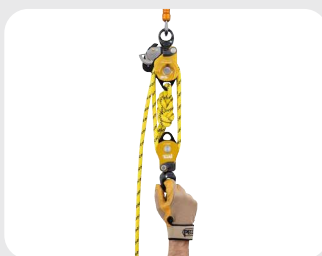
The TWIN RELEASE is a releasable progress capture pulley designed to set up 4:1 haul systems for work in confined spaces or for technical rescue. Releasing the cam is possible with the ergonomic handle. The brake integrated into the moving side plate and the main faceted sheave with single-direction rotation offer additional braking and better control when lowering heavy loads. The two sheaves provide excellent hauling efficiency. The swivel facilitates operations, allowing the pulley to be oriented under load and direct connection of carabiners, ropes, or slings.

Rope Diameter	8 mm - 13 mm
Weight	800 g
Certifications	CE EN 567, CE EN 12278 partial*, NFPA 2500 Pulley General Use, NFPA 2500 Rope Grab Technical Use

*\* Meets performance requirements of the EN 12278 standard*



Release of the cam and passage of the rope through the brake integrated into the main moving side plate allows comfortable and precise control when lowering.



The cam can be locked in the open position to make it easier to feed slack.



Main faceted sheave with single-direction rotation provides excellent efficiency when hauling and additional braking when lowering heavy loads.



Triple-action opening of the moving side plates is quick and easy, even with gloves.

## HOW TO VIDEO

Scan the code to learn how to use the TWIN RELEASE in a confined space rescue.





## MAESTRO |

### TECHNICAL RESCUE DESCENDER WITH INTEGRATED PROGRESS-CAPTURE PULLEY

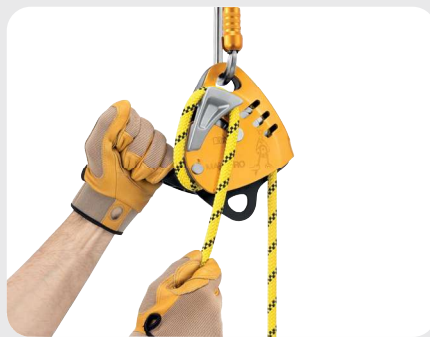
The MAESTRO is a versatile descender designed for technical rescue operations that is intuitive to set up and operate. At the center of an efficient haul / lowering system, the MAESTRO is ideal for two-tensioned (dual main) or single-tensioned (main & belay) systems in vertical, high-angle and low-angle configurations.

The integrated progress-capture pulley has a large diameter sheave mounted on sealed ball bearings, ensuring excellent hauling efficiency. The AUTO-LOCK system automatically locks the rope when the handle is not in use. Once locked, the rope can be taken up without having to manipulate the handle.

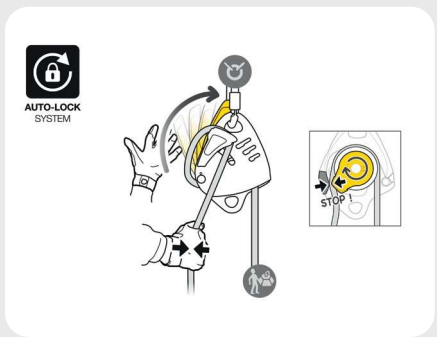
<b>Rope Diameter</b>	10.5 mm - 11.5 mm (S), 12.5 mm - 13 mm (L)
<b>Working load limit</b>	250 kg (S), 280 kg (L)
<b>Certifications</b>	CE EN 12841 type C, EN 341, NFPA 1983 Technical Use (S), General Use (L)
<b>Efficiency</b>	86% (S), 81% (L)



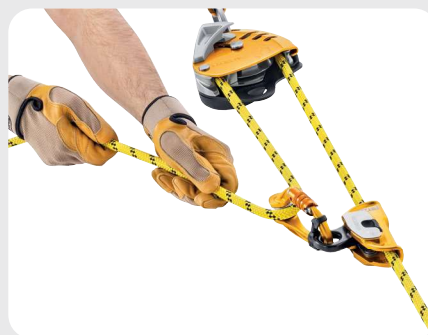
Rope installation is quick and easy.



The large, ergonomic handle and integrated braking allow for a comfortable and controlled lower or descent.



The AUTO-LOCK system allows automatic locking of the rope when the handle is not in use. Once locked, the rope can be taken up without having to manipulate the handle.



The integrated progress-capture pulley with very large diameter sheave mounted on sealed ball bearings rotates in only one direction for excellent hauling efficiency.



In lowering operations, the faceted sheave locks in place and provides additional friction for additional control.



Integrated air vents on the side plates of the device allow for efficient cooling.

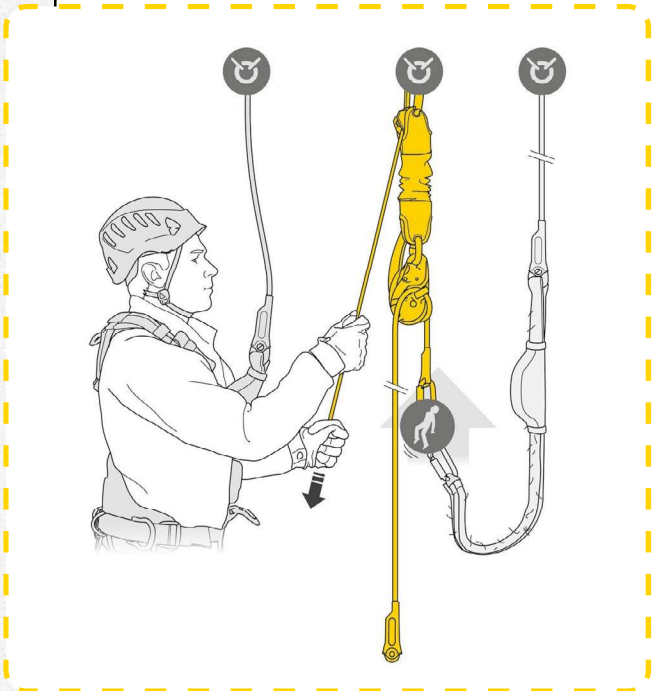


JAG RESCUE KIT |

READY-TO-USE RESCUE KIT

The JAG RESCUE KIT is a ready-to-use rescue kit designed to easily pick off and lower a victim. Its 4:1 mechanical advantage and excellent pulley efficiency allow the user's effort to be multiplied by 4 when raising a victim. The I'D EVAC descender's handle is specially designed to easily lower a victim and has an anti-panic function that activates if the user pulls too hard on the handle. This brakes and stops the descent automatically. The JAG RESCUE KIT contains a JAG SYSTEM haul kit, a RING OPEN gated ring, an I'D EVAC descender with integrated brake, a CONNEXION FIXE 150 cm anchor strap, a BUCKET bag and an AXIS 11 mm rope with two sewn terminations.

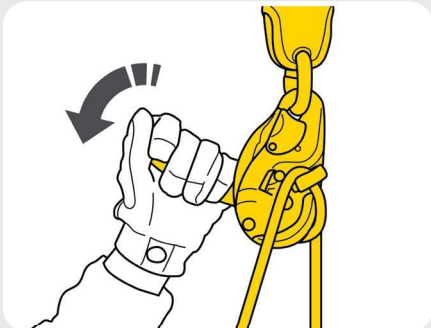
Working load limit	250 kg
Weight	4460 g (30 m), 6760 g (60 m), 11460 g (120 m)
Lengths	30 m, 60 m, 120 m



HOW TO VIDEO



The 4:1 mechanical advantage and excellent sheave efficiency allow the user to easily transfer the victim's weight onto the lowering system.



The I'D EVAC descender features an ergonomic handle, which allows the user to easily control the rope's descent speed during evacuation.



Scan the code to learn how to use the ready-to-use JAG RESCUE KIT.



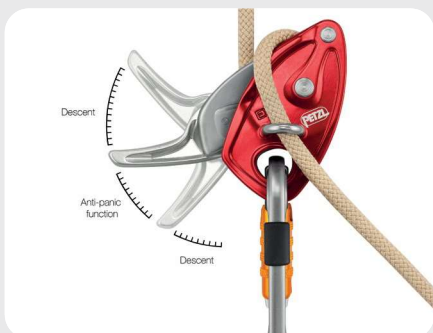
## EXO AP HOOK |

### PERSONAL ESCAPE SYSTEM WITH ANCHOR HOOK AND ANTI-PANIC FUNCTION

The EXO AP HOOK is a personal escape system with an anchor hook adapted for locations where the possibility of finding an anchor point is uncertain. It is a self-braking system with anti-panic function for quickly moving horizontally, climbing through a window and controlling and stopping a descent. If the user pulls too hard on the handle, the anti-panic function brakes and stops the descent automatically.

The EXO AP HOOK also includes a technora rope that resists wear and high temperatures, an Am'D connector with CAPTIV positioning bar, as well as a bag for transporting and attaching the system directly to the harness. Other rope lengths and other types of connectors are available by special order. Replacement ropes available.

Certifications	NFPA 2500 Escape Use
Working load limit	140 kg
Weight	1470 g
Length	15 m



If the user pulls too hard on the handle, the anti-panic function brakes and stops the descent automatically.



The anchor hook may be used around a structure, fixed with a locking hitch.

#### HOW TO VIDEO



Scan the code to learn more about the EXO AP HOOK personal escape system.



# choosing a RESCUE DEVICE

	Pulley	Descender		
	TWIN RELEASE	MAESTRO Models: S, L	I'D Models: S, L, EVAC	RIG
				
Optimal Use(s)	Vertical hauling and lowering for work access and rescue in shafts and confined spaces	Team hauling and lowering with loads ranging from light to heavy in a variety of distances and circumstances	Rope descent / lowering and short distance ascending / hauling for work positioning and team rescue	Rope descent / lowering and short distance ascending / hauling for work positioning and partner rescue
Hauling Efficiency	★★★★	★★★★	★★☆☆	★★☆☆
Rappelling Efficiency	N/A	★★☆☆	★★★★	★★★★
Team or Individual Device	Team	Team	Individual or team	Individual or team
ANTI-PANIC Function	No	No	Yes	No
AUTO-LOCK Feature	Yes	Yes	Yes	Yes
Friction Cleat	Integrated	Integrated	Auxiliary (sold separate)	No
Load Limit	280 kg / 617 lbs	250 kg / 551 lbs (S) 280 kg / 617 lbs (L)	250 kg / 551 lbs (S, EVAC) 280 kg / 617 lbs (L)	200 kg / 440 lbs
Rope Compatibility	8 - 13 mm	10.5 - 11.5 mm (S) 12.5 - 13 mm (L)	10 - 11.5 mm (S, EVAC) 12.5 - 13 mm (L)	10 - 11.5 mm
Certification(s)*	NFPA G (pulley) NFPA T (rope grab)	NFPA T (S), NFPA G (L)	NFPA T (S, EVAC) NFPA G (L)	NFPA T

☆☆☆☆ = not efficient    ★☆☆☆ = low efficiency    ★★★☆ = medium efficiency    ★★★★ = high efficiency

\*Visit each device's product page on [Petzl.com](https://www.petzl.com) to view a complete list of certifications



HARNESSES & ACCESSORIES



### AVAO BOD FAST

Comfortable harness for fall arrest, work positioning and suspension  
 Sizes: 0, 1, 2 | Colors: black/yellow, black



### ASTRO BOD FAST

Ultra-comfortable rope access harness with an integrated ventral rope clamp for efficient ascents  
 Sizes: 0, 1, 2 | Colors: black/yellow, black



### FALCON

Lightweight sit harness for suspended rescue  
 Sizes: 0, 1, 2 | Colors: black/yellow, black



### FALCON ASCENT

Lightweight sit harness for rescue operations involving rope ascent  
 Sizes: 1, 2



### FALCON MOUNTAIN

Ultra-lightweight sit harness for rescue operations involving climbing techniques  
 Sizes: 1, 2



### CHEST'AIR

Chest harness for sit harnesses



### TOP

Chest harness for sit harness  
 Colors: black/yellow, black



### TOP CROLL

Chest harness for sit harness, with integrated CROLL ventral rope clamp  
 Sizes: small (8-11 mm), large (8-13 mm)



### PITAGOR

Comfortable evacuation triangle with shoulder straps



### THALES

Safety chest collar and comfortable evacuation triangle with shoulder straps



### RING2RING

Rigid double ring for sit harnesses with textile bridges



### RING2SIDE

Converts a textile lateral attachment point into a metal attachment point

HELMETS



### VERTEX

Comfortable helmet with six-point textile suspension  
 ANSI Z89.1 Type I Class E;  
 CSA Z94.1 Type I Class E\*



### VERTEX VENT

Comfortable ventilated helmet with sliding shutters  
 ANSI Z89.1 Type I Class C



### STRATO

Lightweight helmet with two types of shock absorbing foam  
 ANSI Z89.1 Type I Class E



### STRATO VENT

Lightweight ventilated helmet with two types of shock absorbing foam  
 ANSI Z89.1 Type I Class C

\*Visit [petzl.com](http://petzl.com) to view the CSA certified VERTEX



DESCENDERS



MAESTRO S

Descender with integrated progress capture pulley  
Rope diameter: 10.5 - 11.5 mm



MAESTRO L

Descender with integrated progress capture pulley  
Rope diameter: 12.5 - 13 mm



I'D S

Self-braking descender with anti-panic function for work at height/rope access  
Rope diameter: 10 - 11.5 mm | Colors: yellow, black



I'D L

Self-braking descender with anti-panic function for technical rescue  
Rope diameter: 12.5 - 13 mm | Colors: red, black



I'D EVAC

Self-braking descender with anti-panic function for lowering from an anchor  
Rope diameter: 10 - 11.5 mm | Colors: yellow, black



RIG

Compact self-braking descender  
Rope diameter: 10 - 11.5 mm | Colors: yellow, black



AUXILIARY BRAKE

Auxiliary brake for I'D S, I'D L and I'D EVAC  
Types: open, closed



EXO AP HOOK

Personal escape system with anchor hook

RIGGING EQUIPMENT



COEUR PULSE

Removable 12 mm stainless steel anchor with locking function



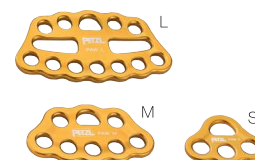
SWIVEL OPEN

Gated swivel with sealed ball bearings



SWIVEL

Ball bearing swivel  
Sizes: small, large



PAW

Rigging plate  
Sizes: small, medium, large



CONNEXION VARIO

Adjustable anchor strap  
Lengths: 30-200 cm, 200-400 cm



CONNEXION FIXE

Anchor strap  
Lengths: 100 cm, 150 cm, 200 cm



WIRE STROP

Anchor strap made of 6.5 mm diameter galvanized steel  
Lengths: 50 cm, 100 cm, 150 cm, 200 cm, 300 cm



ASCENDERS



ASCENSION

Handled ascender, left and right-handed versions  
Rope diameter: 8 - 13 mm



CROLL

Chest ascender  
Rope diameter: small (8-11 mm), large (8-13 mm)



RESCUCENDER

Openable cam-loaded rope clamp  
Rope diameter: 10-13 mm



BASIC

Compact ascender  
Rope diameter: 8-11 mm

FALL PROTECTION & BELAY



ASAP

Mobile fall arrester



ASAP LOCK

Mobile fall arrester with locking function



ASAP'SORBER

Energy absorber for ASAP or ASAP LOCK  
Lengths: 20 cm, 40 cm



ASAP'SORBER AXESS

Energy absorber for ASAP or ASAP LOCK for two-person rescue situations



RAY 11 mm

Static kernmantel rope with good grip  
Lengths: 150 ft, 200 ft, 600 ft, 1200 ft



AXIS 11 mm

Low stretch kernmantel rope with good handling  
Lengths: 150 ft, 200 ft, 600 ft, 656 ft, 1200 ft



AXIS 11 mm

Low stretch kernmantel rope with good handling, includes sewn termination  
Lengths: 33 ft, 66 ft, 98 ft, 131 ft, 164 ft, 197 ft



VECTOR 12.5 mm

Low stretch kernmantel rope with excellent handling  
Lengths: 150 ft, 200 ft, 600 ft, 1200 ft

ROPES & ACCESSORIES



SEGMENT 8 mm

Technical cord for creating Prusik knots, anchors, or haul systems  
Lengths: 164 ft, 328 ft, 656 ft



ROLLER COASTER

Reversible rope protector on bearings for a moving rope



PROTEC

Flexible protection for a fixed rope  
Versions: PROTEC, PROTEC PLUS (for added edge and abrasion resistance)



TARP PRO

100 CM x 100 CM rope tarp to protect against dust and dirt



LANYARDS



GRILLON

Adjustable work positioning lanyard  
Lengths: 2 m, 3 m, 4 m, 5 m, 10 m, 15 m, 20 m



GRILLON PLUS

Adjustable work positioning lanyard with abrasion resistant rope  
Lengths: 2 m, 3 m



PROGRESS  
ADJUST I

Single adjustable progression lanyard  
Lengths: 1 m, 2 m, 3 m, 5 m



PROGRESS  
ADJUST Y

Double adjustable progression lanyard  
Length: 65 cm (fixed arm), up to 95 cm (adjustable arm)



JANE-Y

Double progression lanyard for continuous connection during rope ascents  
Length: 60 cm (long arm), 30 cm (short arm)

CARABINERS



BM'D

Lightweight asymmetrical ANSI carabiner



AM'D

Lightweight asymmetrical carabiner



WILLIAM

Lightweight asymmetrical large-capacity carabiner



VULCAN

High-strength asymmetric steel carabiner with large capacity



OXAN

High-strength steel oval carabiner



FRIENO Z

Carabiner with spur for adding friction during descent

RESCUE LITTER  
& ACCESSORIES



NEST

Litter to transport victim horizontally, vertically, or at an angle



STEP

Tilting device for NEST litter



BAG for NEST

Storage bag for NEST litter

PULLEYS



SPIN L1

Very high-efficiency single pulley with swivel  
Rope diameter: 7-13 mm



SPIN L2

Very high-efficiency double pulley with swivel  
Rope diameter: 7-13 mm



SPIN L1D

Very high-efficiency single pulley with one-way rotation and swivel  
Rope diameter: 8-13 mm



SPIN S1

Very high-efficiency, compact single pulley with swivel  
Rope diameter: 7-11 mm



SPIN S1 OPEN

Very high-efficiency, compact single pulley with gated swivel  
Rope diameter: 7-11 mm



JAG SYSTEM

4:1 haul kit for pickoffs, making a releasable anchor, tensioning a system  
Lengths: 1 m, 2 m, 5 m



JAG TRAXION

High-efficiency double progress capture pulley  
Rope diameter: 8-11 mm



JAG

High-efficiency double pulley  
Rope diameter: 8-11 mm



NANO TRAXION

High efficiency, ultra-light progress capture pulley  
Rope diameter: 7-11 mm



MICRO TRAXION

Ultra-compact, high-efficiency progress capture pulley  
Rope diameter: 8-11 mm



MINI TRAXION

Compact, drop-resistant high-efficiency progress capture pulley  
Rope diameter: 7-11 mm



PRO TRAXION

Very high-efficiency, drop-resistant progress capture pulley with swivel  
Rope diameter: 8-13 mm



TWIN RELEASE

Releasable double progress capture pulley for haul system  
Rope diameter: 8-13 mm



RESCUE

High strength, very high-efficiency pulley  
Rope diameter: 7-13 mm



MINDER

High strength, very high-efficiency Prusik pulley  
Rope diameter: 7-13 mm



TWIN

High strength, very high-efficiency double Prusik pulley  
Rope diameter: 7-13 mm



REEVE

Carriage pulley for rescue on a tensioned highline  
Rope diameter: 7-13 mm



KOOTENAY

Knot-passing pulley  
Rope diameter: 8-19 mm



ROLLCLIP Z

Pulley-carabiner with a gate opening on the non-pulley side  
Rope diameter: 7-13 mm



ROLLCLIP A

Pulley-carabiner with a gate opening on the pulley side  
Rope diameter: 7-13 mm



HEADLAMPS



NEW 2024

SWIFT RL

Compact, powerful, lightweight, and rechargeable headlamp featuring REACTIVE LIGHTING® technology®. 1100 lumens



NEW 2024

XENA

Powerful, rechargeable, lightweight, and balanced headlamp featuring CONSTANT LIGHTING technology. 1400 lumens



ARIA 1R

Compact, rechargeable, durable, and waterproof headlamp, designed for proximity lighting. 450 lumens



ARIA 1 RGB

Compact, robust, and waterproof headlamp designed for proximity vision and featuring white or red/green/blue lighting. 350 lumens



ARIA 2R

Compact, rechargeable, durable, and waterproof headlamp, with lighting designed for proximity vision and movement. 600 lumens



ARIA 2 RGB

Compact, durable, and waterproof headlamp designed for proximity vision and movement and featuring white or red/green/blue lighting. 450 lumens



DUO S

Powerful, rechargeable multi-beam headlamp, featuring the FACE2FACE anti-glare function. 1100 lumens



BINDI

Ultra-compact rechargeable headlamp. 200 lumens

PACKS & ACCESSORIES



DUFFEL 65

Medium-capacity transport bag  
Colors: yellow, black



DUFFEL 85

Large-capacity transport bag  
Colors: yellow, black



NEW 2024



TRANSPORT

Durable Pack  
Sizes: 30 L, 45 L, 60 L  
Colors: yellow, black



BUCKET

Rope bag that remains upright  
Sizes: 15 L, 30 L, 45 L  
Colors: yellow, red, black



CORDEX

Lightweight belay/rappel gloves  
Sizes: XS, S, M, L, XL  
Colors: black, tan



CORDEX PLUS

Mediumweight belay/rappel gloves  
Sizes: XS, S, M, L, XL  
Colors: black, tan



CARITOOOL

Harness tool holder  
Sizes: small, large

The equipment below can be assembled to create a personal rescue kit that allows the user to ascend, descend, pick off, and rescue efficiently and safely.

KEY COMPONENTS

- The AVAO BOD FAST is a versatile harness with five attachment points, NFPA 1983 Class III rated
- The STRATO is a lightweight helmet that features a DUAL chinstrap, which allows the user to adjust the chinstrap strength in order to adapt the helmet to different environments: work at height or on the ground
- The I'D L is a self-braking descender and allows handling of loads up to 280 kg, NFPA 1983 G rated



Individual Kit Assembly			
1	AVAO BOD FAST	7	FOOTCORD
2	STRATO	8	XENA
3	I'D L	9	CORDEX PLUS
4	PROGRESS ADJUST I	10	ROLLCLIP A
5	AM'D TRIACT-LOCK	11	ASCENSION
6	BM'D	12	DUFFEL 65

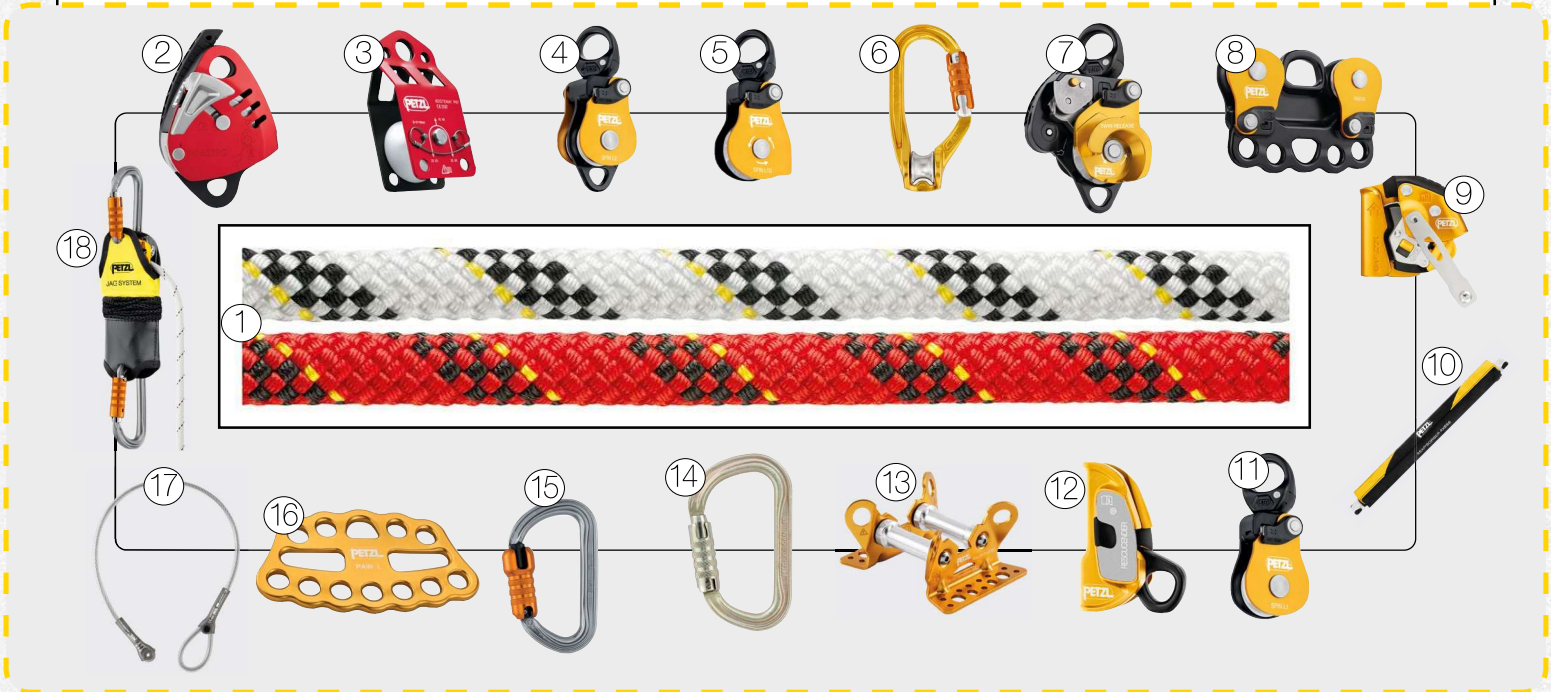




Technical rescue teams respond to difficult situations that require significant resources and expertise. This product assembly represents key components of a team rescue kit that is adapted to a wide-range of rescue scenarios.

KEY COMPONENTS

- The VECTOR ropes are paired in a redundant general use rescue system
- The MAESTRO L is a descent control device that allows seamless transition between hauling and lowering operations, and an external auxiliary brake for lowering heavy loads
- The ASAP LOCK and ASAP'SORBER AXESS can be used as a passive belay system on a belay line, or connected to the becket on the MAESTRO
- The TWIN RELEASE releasable double progress capture pulley is designed to set up 4:1 haul systems for work in shafts and confined spaces



Team Kit Assembly			
1	VECTOR 12.5 mm (200 ft)	11	SPIN L1
2	MAESTRO L	12	RESCUCENDER
3	KOOTENAY	13	ROLLER COASTER
4	SPIN L2	14	VULCAN TL
5	SPIN L1D	15	BM'D
6	ROLLCLIP A	16	PAW L
7	TWIN RELEASE	17	WIRE STROP
8	REEVE	18	JAG SYSTEM 2 m
9	ASAP LOCK	19	DUFFEL 85
10	ASAP'SORBER AXESS		



The equipment below includes items needed for high-angle rope work in the backcountry or by search and rescue professionals. This assembly includes head protection, hands-free lighting, fall & travel restraint, litter attending & management, ascending and descending. Additional needs include pick-off rescue and partner belay.

### KEY COMPONENTS

- The TOP can be added to the FALCON MOUNTAIN to create a full body harness, with a built-in chest ascender
- The BASIC, GO, and FOOTCORD can be paired to create an efficient ascension system
- The RIG is a compact self-braking descender with an ergonomic handle for comfortable, controlled descents



### Accessories



### Individual Kit Assembly

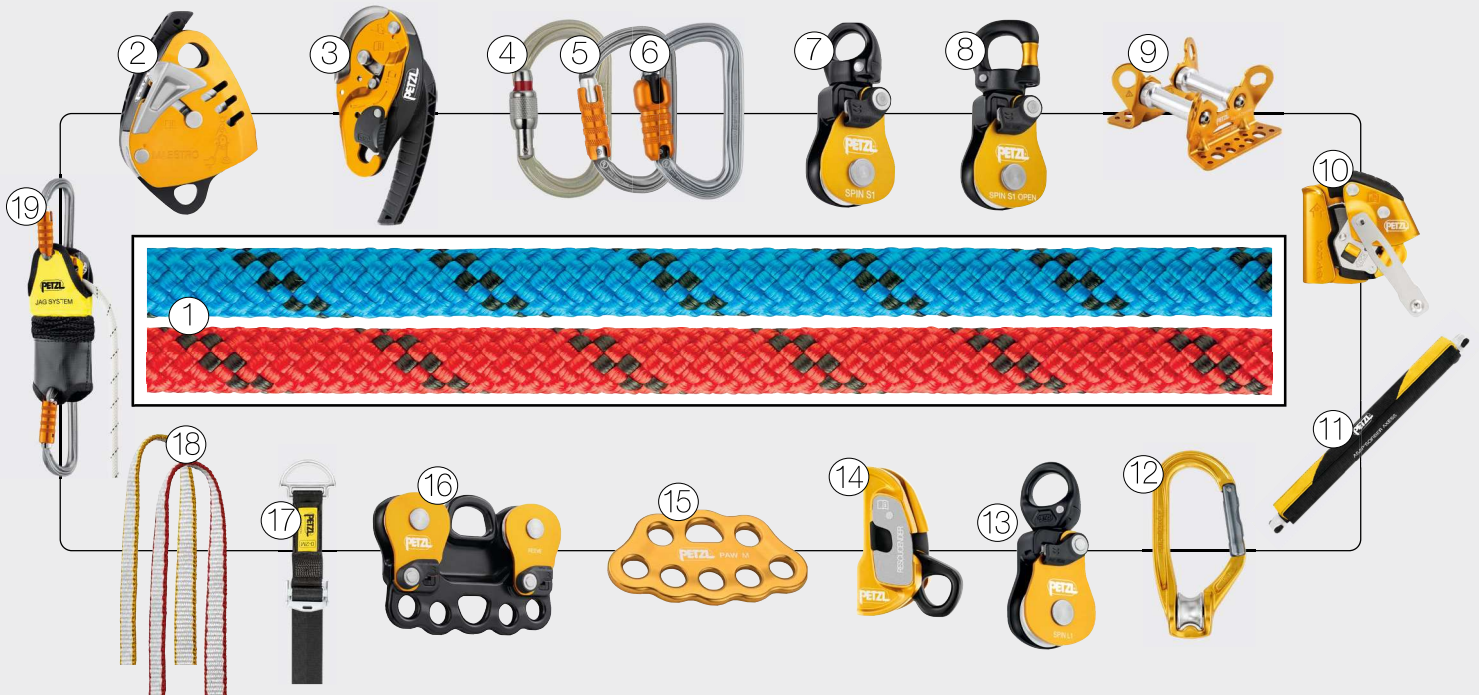
1	FALCON MOUNTAIN	6	AM'D TL	11	ST'ANNEAU	16	HELMET LINER
2	TOP CROLL	7	BASIC	12	SWIFT RL	17	CARITOOL
3	VERTEX VENT HI-VIZ	8	GO	13	MINI TRAXION	18	SPATHA
4	RIG	9	FOOTCORD	14	PROGRESS ADJUST I	19	TRANSPORT 45
5	ROLLCLIP A	10	TIBLOC	15	CORDEX PLUS		



Backcountry team rescue kits need to be strong enough for 2-person loads, resilient enough for rugged terrain & weather, yet light enough to carry into remote areas.

### KEY COMPONENTS

- The AXIS ropes are paired in a redundant technical rescue system
- The MAESTRO S is a descent control device that allows seamless transition between hauling and lowering operations, and an external auxiliary brake for lowering heavy loads
- The JAG SYSTEM can be used for pickoff rescues, litter positioning, and as a piggyback haul system
- The REEVE carriage pulley is designed to help simplify and speed up the process of setting up a high-line rescue system



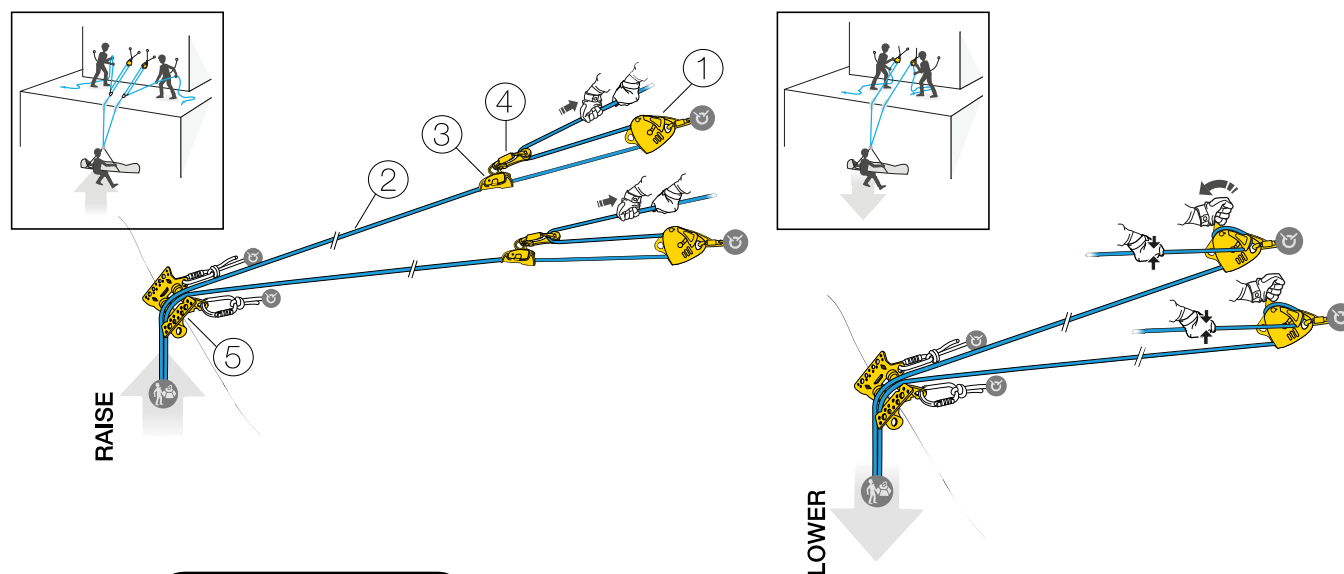
### Team Kit Assembly

1	AXIS 11 mm (150 ft)	11	ASAP'SORBER AXESS
2	MAESTRO S	12	ROLLCLIP A
3	I'D S	13	SPIN L1
4	OXAN SL	14	RESCUCENDER
5	AM'D TL	15	PAW M
6	BM'D	16	REEVE
7	SPIN S1	17	CONNEXION VARIO
8	SPIN S1 OPEN	18	ST'ANNEAU
9	ROLLER COASTER	19	JAG SYSTEM
10	ASAP LOCK	20	TRANSPORT 60



## Two-Tensioned Rope System (TTRS)

A two-tensioned rope system shares the load between two ropes, both under tension. Each system is capable of functioning as both main line or back-up to the other line.

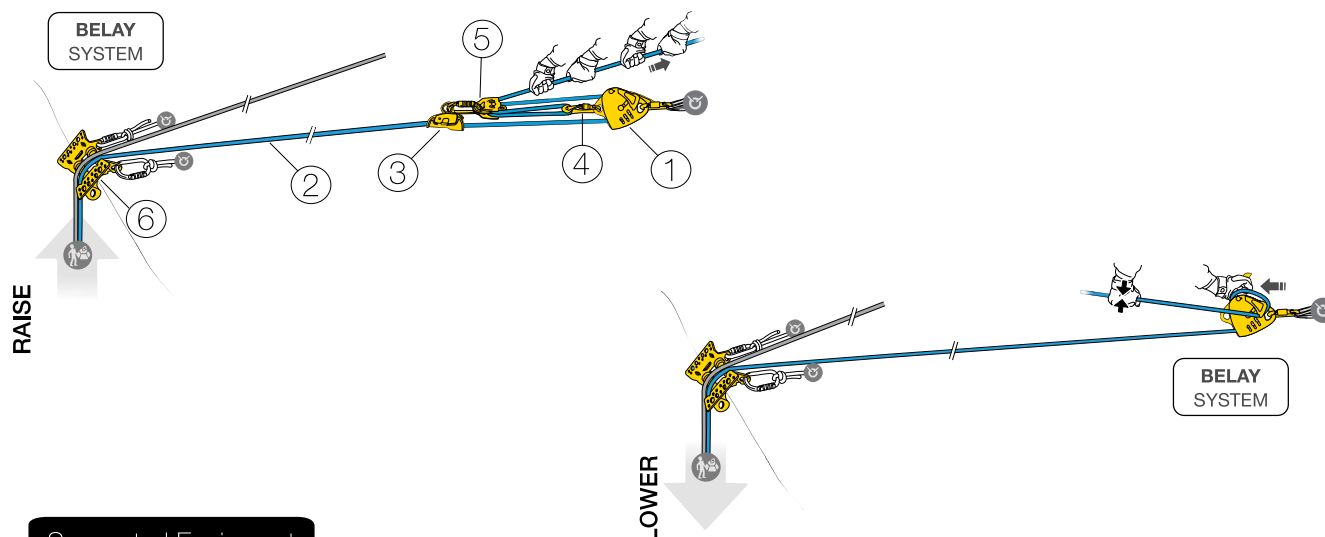


Suggested Equipment

① MAESTRO S ② RAY ③ RESCUCENDER ④ ROLLCLIP ⑤ ROLLER COASTER

## Single-Tensioned Rope System (STRS)

A single-tensioned rope system suspends the load on its main line and backs-up that system with a redundant belay system, which only comes into play in the event of a main line system failure.



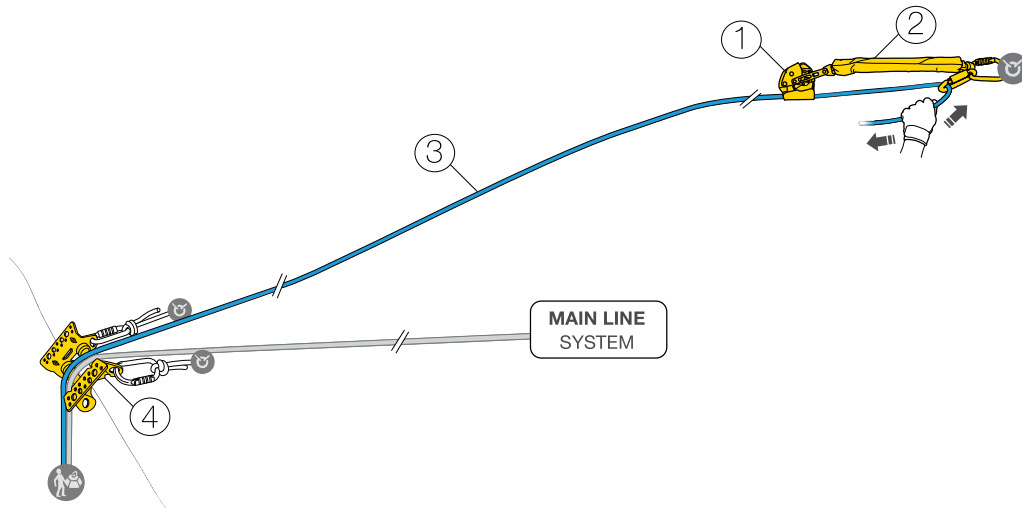
Suggested Equipment

① MAESTRO S ② RAY ③ RESCUCENDER ④ ROLLCLIP ⑤ GEMINI or SPIN L2 ⑥ ROLLER COASTER



## Belaying with the ASAP

This is a taut-line belay system used in conjunction with a single-tensioned rope system. This system comes into play if the main line system fails or over-speeds. If an unexpected release of the load occurs, the ASAP mobile fall arrester will stop the load and the ASAP'SORBER energy absorber will deploy and lessen the shock of the load.

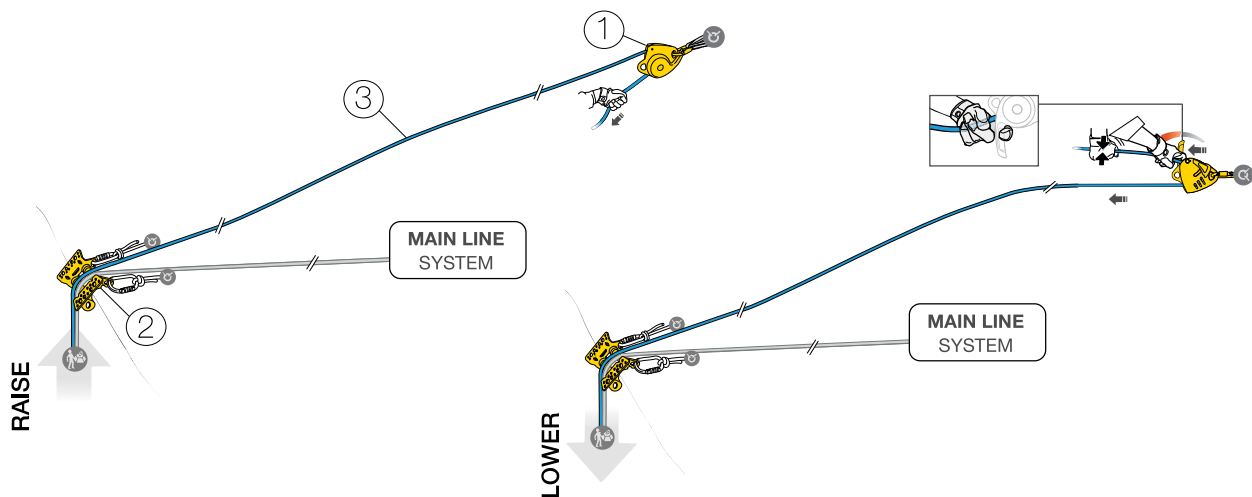


### Suggested Equipment

- ① ASAP or ASAP LOCK ② ASAP'SORBER ③ RAY ④ ROLLER COASTER

## Belaying with the MAESTRO

This is a taut-line belay system used in conjunction with a single-tensioned rope system. The MAESTRO locks onto the rope if the main line system fails. This system allows for immediate changeover between STRS and TTRS and is releasable under tension.

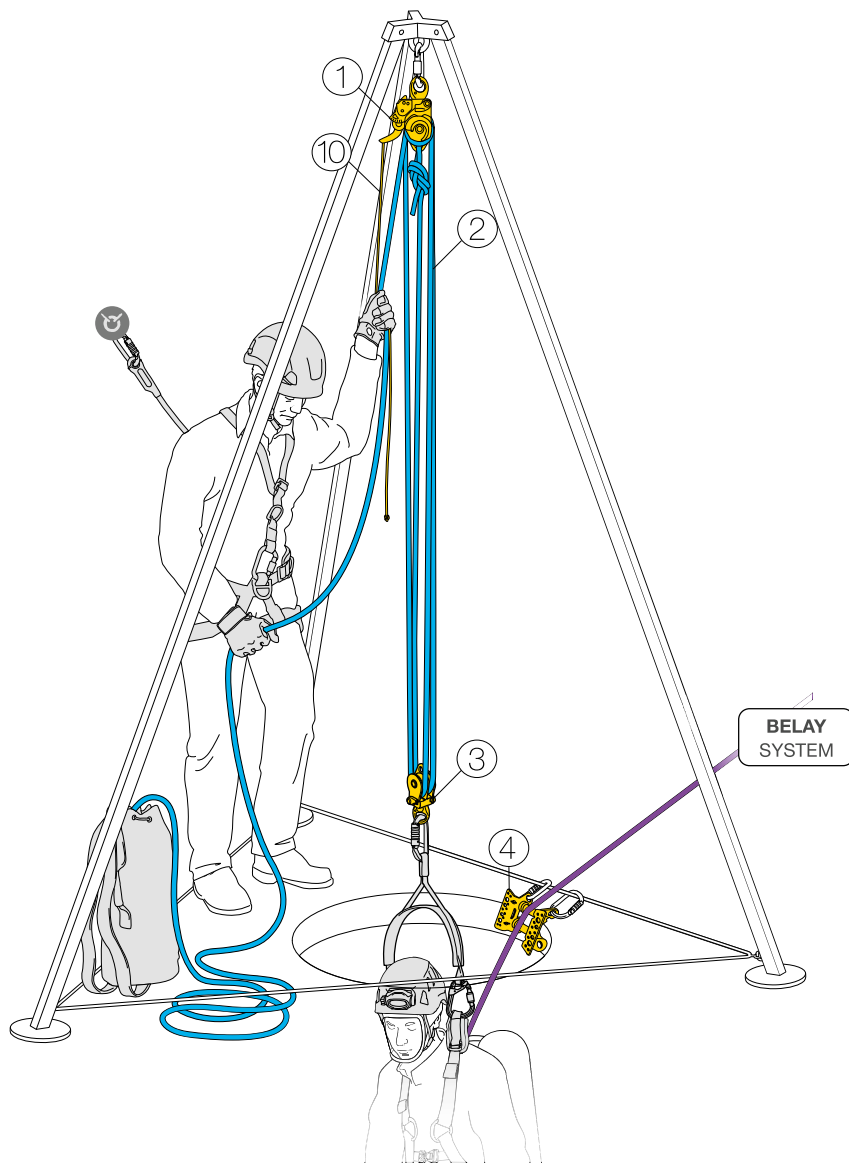


### Suggested Equipment

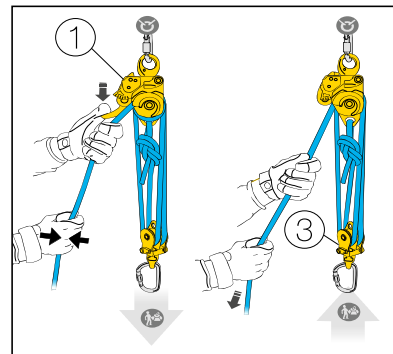
- ① MAESTRO ② ROLLER COASTER ③ RAY

# Confined Space

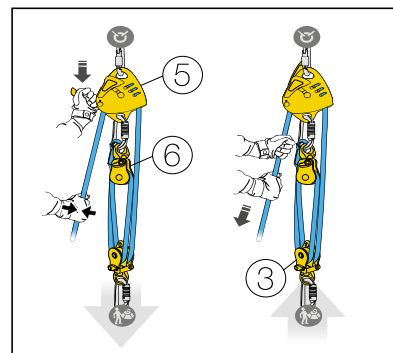
Confined space environments with vertical access and exit require simple, high-efficiency systems to lower and haul. Frequency of use, operator skill level, anchorage options, and more all play into which system best meets your organization's needs.



## Combined Systems

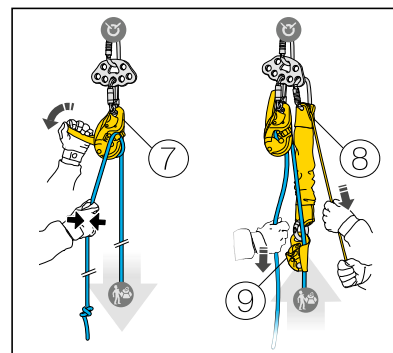


TWIN RELEASE



MAESTRO

## Independent System



I'D EVAC with JAG SYSTEM

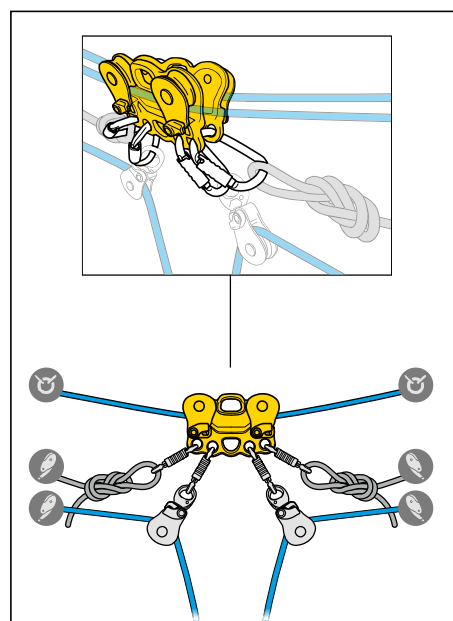
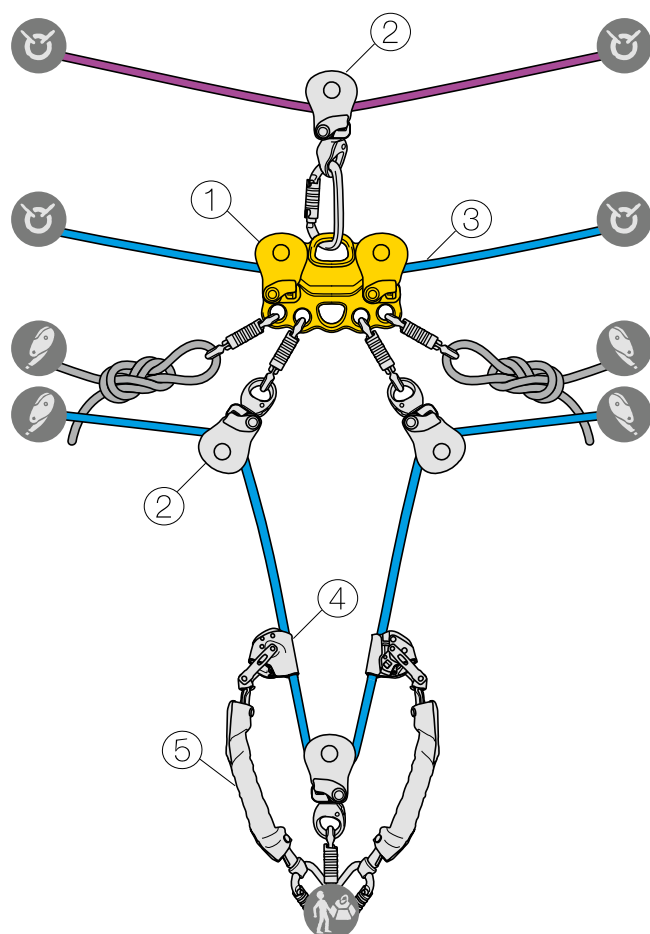
## Suggested Equipment

- ① TWIN RELEASE ② RAY ③ SPIN L2 ④ ROLLER COASTER ⑤ MAESTRO ⑥ SPIN L1  
⑦ I'D EVAC ⑧ JAG SYSTEM ⑨ BASIC ⑩ AIRLINE



## Highline System

This system uses track lines to suspend a load over a span. The REEVE device can simplify rigging for some highline configurations, especially those that incorporate English or Norwegian reeve systems.



Two REEVES can be set up on two parallel highlines

### Suggested Equipment

① REEVE ② SPIN L1 ③ RAY ④ ASAP or ASAP LOCK ⑤ ASAP'SORBER