



Access the inaccessible®

Petzl's mission is to create innovative tools and services that enable people to progress, position, and protect themselves in vertical and dark environments. We are always searching for the best solutions to meet the needs of performance, ergonomics, comfort, and reliability. Ultimately, it's our customers' demands, commitment, and openess that have guided our approach to supporting them in their pursuit of the inaccessible for these last fifty years.

Paul Petzl



Petzl Headquarters in Crolles, France



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Petzl America Headquarters in Salt Lake City, Utah



Petzl Technical Institute, Salt Lake City, Utah

Technical Rescue Products

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's gear is designed to be versatile and durable, and hold up in demanding situations. We are proud to offer products in the following catagories:



Harnesses



Helmets



Lanyards



Fall Protection



Descenders



Rope Clamps



Ropes









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2021 CATALOG



In 2021, the full-line catalog will be available online only. Scan the code to view the entire 2021 Petzl Professional Catalog for an in-depth look into Petzl products and solutions.

PETZL.COM



Please refer to the technical notice for details on field(s) of application, product nomenclature, inspection information, compatibility, working principle, installation and function test, precautions for use, clearance, cleaning and maintenance, and additional information. Technical notices are available, per product, on **petzl.com**.

Very high efficiency single and double pulleys with swivel

Openable even when attached to the anchor, the SPIN L1 and SPIN L2 pulleys are designed for maximum simplicity in setting up hauling or load deviation systems, and tyroleans. The large diameter sheave mounted on sealed ball bearings gives it excellent efficiency.

The swivel facilitates handling, allowing the pulley to be oriented under load, and direct connection of carabiners, ropes or slings.

The SPIN L2 has two parallel-mounted sheaves and an auxiliary attachment point that allows the pulley to be used for setting up various types of complex haul systems.

Rope Diameter	7 mm - 13 mm
Weight	290 g (L1), 480 g (L2)
Certifications	CE EN 12278, NFPA 1983 Pulley General Use, UIAA

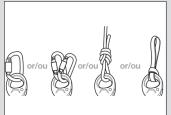




Triple-action opening of the moving side plate is quick and easy, even with gloves.



The rope can be installed with the device connected to the anchor.



The swivel accepts up to three carabiners and allows the use of ropes and slings to facilitate maneuvers.



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





Very high efficiency single pulley with one-way rotation and swivel

Openable even when attached to the anchor, the SPIN L1D pulley is designed to be used in conjunction with a descender for maximum simplicity in setting up a deviation for a heavy load. The faceted sheave only rotates in one direction, providing excellent efficiency when hauling and adding friction zones for the rope for additional braking when lowering.

The swivel facilitates handling, allowing the pulley to be oriented under load, and direct connection to carabiners, ropes or slings.

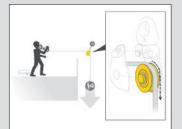
Rope Diameter	8 mm - 13 mm
Weight	435 g
Certifications	CE*, NFPA 1983 Pulley General Use

*CE based on the applicable requirements of the EN 12278 standard





The one-directional faceted sheave provides excellent hauling efficiency and adds friction zones for the rope for additional braking when lowering.



The parallel-mounted sheaves and auxiliary attachment point enable the setup of various types of complex haul systems

SPIN L1D also includes features from images on page 4



MAESTRO

Technical rescue descender with integrated progress-capture pulley

The MAESTRO is a descender designed for technical rescue operations. It facilitates manipulation of heavy loads, for lowering or hauling, and may be used in both the primary system or in a back-up belay. This versatility allows rescuers to adapt to any situation they may encounter on the rescue scene.

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.

Rope Diameter	10.5 mm - 11.5 mm (S), 12.5 mm - 13 mm (L)
Working load limit	250 kg (S), 280 kg (L)
Certifications	CE*, EN 341 type 2 class A, NFPA 1983 Technical Use, EAC
Pulley Efficiency	86% (S), 81% (L)

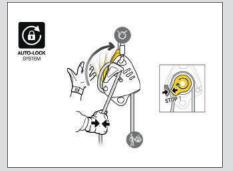




Rope installation is quick and easy.



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



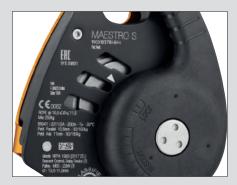
The AUTO-LOCK system allows automatic locking of the rope when the handle is not in use. Once locked, the rope can be taken up without having to manipulate the handle.



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



The faceted sheave creates additional friction for increased rope control on long descents or lowers.



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

EXO AP HOOK Personal Escape System



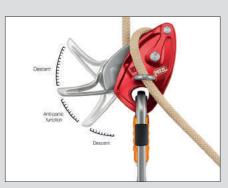
Personal escape system with anchor hook and anti-panic function

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 1983 Escape Use
Working load limit	140 kg
Weight	1470 g
Lengths	15 m, 25 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.

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 sheave efficiency allow the user's effort to be divided by 4 when raising a victim in order to release them. The I'D EVAC descender's handle is 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
 4300 g (30 m), 6300 g (60 m), 11300 g (120 m)

 Length
 30 m, 60 m, 120 m





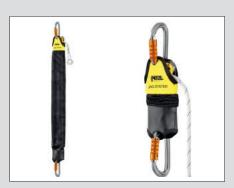












Hauling with the JAG SYSTEM haul kit whose 4:1 mechanical advantage and excellent sheave efficiency allow the user to easily transfer the victim's weight onto the lowering system.



Evacuation with the I'D EVAC descender, whose ergonomic handle allows the user to easily control the rope's descent speed during evacuation.



Harnesses



AVAO BOD

Comfortable harness for fall arrest, work positioning and suspension

Sizes: 0, 1, 2



AVAO BOD FAST

Comfortable harness for fall arrest, work positioning and suspension with FAST automatic leg loop buckles

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 seat harness for suspended rescue

Sizes: 0, 1, 2 | Colors: black/yellow, black



FALCON MOUNTAIN

Lightweight seat harness for rescue involving technical climbing

Sizes: 1, 2



CHEST'AIR

Chest harness for seat harness



Chest harness for AVAO seat harnesss Colors: black/yellow, black



TOP CROLL L

Chest harness for seat harness, with integrated CROLL L ventral rope clamp

Sizes: small (8-11 mm), large (8-13 mm)

Helmets



VERTEX

Comfortable helmet with six-point textile suspension



VERTEX VENT

Comfortable ventilated helmet with sliding shutters



STRATO

Lightweight helmet with two types of shock absorbing foam



STRATO VENT

Lightweight ventilated helmet with two types of shock absorbing foam

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

Descenders



MAESTRO S





Self-braking descender with anti-panic function for lowering from an anchor

Size: 10 - 11.5 mm | Colors: yellow, black



MAESTRO L

Descender for technical rescue Size: 12.5 - 13 mm



Compact self-braking descender



I'DS

Self-braking descender with anti-panic function for work at height/ rope access

Size: 10 - 11.5 mm | Colors: yellow, black



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

Size: 12.5 - 13 mm | Colors: red, black



EXO AP HOOK

Personal escape system with anchor hook



Size: 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

Lanyards



GRILLON

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



JANE-Y

Double progression lanyard for continuous connection during rope ascents

Length: 60 cm (long arm), 30 cm (short arm)



GRILLON PLUS

Adjustable work positioning lanyard with abrasion resistant rope

Lengths: 2 m, 3 m



PROGRESS ADJUST I

Single adjustable progression lanyard and anchor sling

Length: 1 m, 2 m, 3 m, 5 m



PROGRESS ADJUST Y

Double adjustable progression lanyard

Rope Clamps



ASCENSION

Handled rope clamp for rope ascents, left or right-handed Size: 8 - 13 mm



CROLL

Ventral rope clamp Sizes: small (8-11 mm), large (8-13 mm)



RESCUCENDER

Openable cam-loaded rope clamp Size: 10-13 mm



Compact rope clamp

Size: 8-11 mm

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





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

Ropes



RAY 11 mm

Static kernmantel for work at height and technical rescue

Lengths: 150 ft, 200 ft, 600 ft, 1200 ft



AXIS 11 mm

Low stretch kernmantel rope with good handling for work at height

Lengths: 150 ft, 200 ft, 600 ft, 656 ft,



AXIS 11 mm

Low stretch kernmantel rope with sewn termination for rescue

Lengths: 33 ft, 66 ft, 98 ft, 131 ft, 164 ft,



VECTOR 12.5 mm

Low stretch kernmantel, high-strength rope with excellent handling for rescue

Lengths: 150 ft, 200 ft, 600 ft, 1200 ft



Technical cord for creating Prusik knots, anchors, or haul systems

Lengths: 164 ft, 328 ft, 656 ft



Pulleys





SPIN L1

Very high-efficiency single pulley with

Rope diameter: 7-13 mm



JAG TRAXION

High-efficiency double progress capture pulley

Rope diameter: 8-11 mm



PRO TRAXION

Very efficient drop-resistant progress capture pulley

Rope diameter: 8-13 mm



TWIN

High strength, very high-efficiency double Prusik pulley

Rope diameter: 7-13 mm





SPIN L2

Very high-efficiency double pulley with

Rope diameter: 7-13 mm



JAG

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



PRO

Very high-efficiency drop-resistant pulley

Rope diameter: 7-13 mm



KOOTENAY

Knot-passing pulley Rope diameter: 8-19 mm





SPIN L1D

Very high-efficiency single pulley with one-way rotation and swivel

Rope diameter: 8-13 mm



MICRO TRAXION

Ultra-compact, high-efficiency progress capture pulley

Rope diameter: 8-11 mm

RESCUE

pulley





4:1 haul kit for pickoffs, making a releasable anchor, tensioning a system





NANO TRAXION

Ultra-light, high-efficiency progress capture pulley

Rope diameter: 8-11 mm



MINDER

High strength, very high-efficiency Prusik pulley

Rope diameter: 7-13 mm



Rope diameter: 7-13 mm

High strength, very high-efficiency

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

Technical Rescue Products

Carabiners



BM'D

Lightweight asymmetrical



AM'D

Lightweight asymmetrical



WILLIAM

Lightweight asymmetrical large-capacity carabiner



VULCAN

High-strength asymmetric steel carabiner with large capacity



OXAN

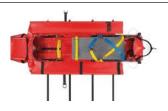
High-strength steel oval carabiner



FRIFNO 7

Carabiner with friction spurs

Rescue Litter & Accessories



NEST

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



STEF

Tilting device for NEST litter



BAG for NEST

Storage bag for NEST litter

Packs & Accessories



DUFFEL 65

Medium-capacity transport bag



DUFFEL 85

Large-capacity transport bag



TRANSPORT

Durable 45 L bag



BUCKET

Rope bag that remains upright

Sizes: 25 L, 35 L Colors: yellow, red



CORDEX

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



CORDEX PLUS

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



CARITOOL

Harness tool holder Sizes: small, large

Headlamps



DUO RL

Ultra-powerful, rechargeable multi-beam headlamp featuring REACTIVE LIGHTING® technology. 3000 lumens



DUO S

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



DUO Z2

Powerful multi-beam headlamp with FACE2FACE anti-glare function. 430 lumens



PIXA 3

Headlamp for proximity lighting, movement and long-range vision. 100 lumens. Rechargeable version available



SWIFT RL PRO

Ultra-compact rechargeable headlamp with REACTIVE LIGHTING® technology. 900 lumens



ACTIK

Multi-beam compact headlamp with red lighting. 350 lumens



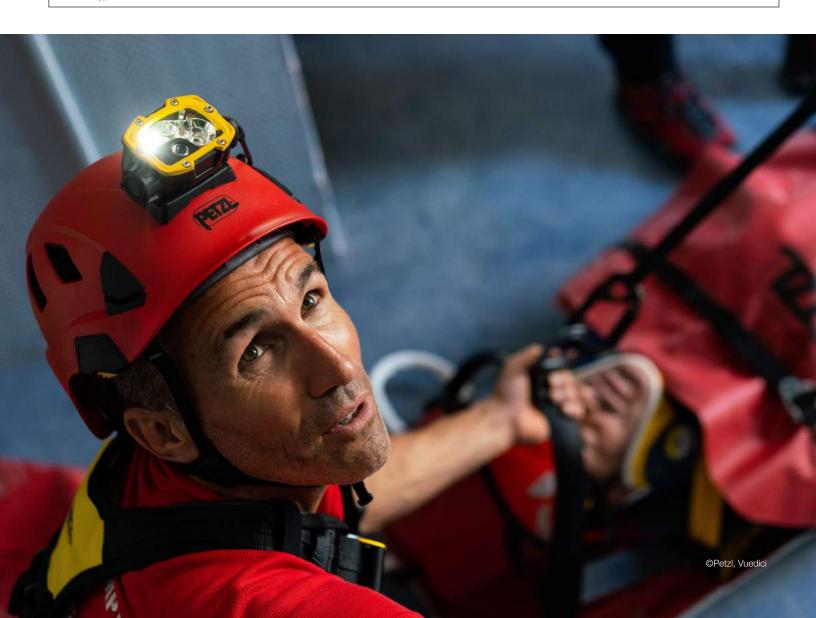
TIKKA

Compact headlamp for proximity lighting and some movement. 300 lumens



BINDI

Ultra-compact rechargeable headlamp. 200 lumens



Urban & Industrial Rescue - Individual 🏠



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 NFPA 1983 Class III rated harness with five attachment points
- The STRATO is a lightweight helmet that features a DUAL chinstrap, which allows the worker 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, designed for technical rescue, is compatible with 12.5 to 13 mm ropes and allows handling of loads up to 280 kg and is NFPA 1983 G Rated



Individual Kit Assembly

1	AVAO BOD FAST	6	BM'D
2	STRATO	7	DUFFEL 65
3	I'D L	8	DUO S
4	PROGRESS ADJUST I	9	CORDEX PLUS
5	AM'D TRIACT-LOCK	10	ASCENSION

Urban & Industrial Rescue - Team



Technical rescue teams respond to situations that are especially difficult and require a significant amount of resources to be deployed. This product assembly is for the rescue team that faces unique challenges and requires a wide range of gear to complete the task.

Key Components

- The two VECTOR ropes are paired to make an efficient main and belay line rope system
- The MAESTRO L is a technical rescue descender with 95% hauling efficiency that can easily be switched between hauling and lowering modes
- The ASAP LOCK fall arrester can be used as a simple back up belay when used in conjunction with the ASAP'SORBER AXESS





am Kit Assembly		
VECTOR 12.5 mm (200 ft)	9	MINDER
MAESTRO L	10	RESCUCENDER
KOOTENAY	11	VULCAN TL
SPIN L2	12	BM'D
SPIN L1D	13	PAW L
ROLLCLIP A	14	CONNEXION FIXE
ASAP LOCK	15	JAG SYSTEM 2 m
ASAP'SORBER AXESS	16	DUFFEL 85
	VECTOR 12.5 mm (200 ft) MAESTRO L KOOTENAY SPIN L2 SPIN L1D ROLLCLIP A ASAP LOCK	VECTOR 12.5 mm (200 ft) 9 MAESTRO L 10 KOOTENAY 11 SPIN L2 12 SPIN L1D 13 ROLLCLIP A 14 ASAP LOCK 15

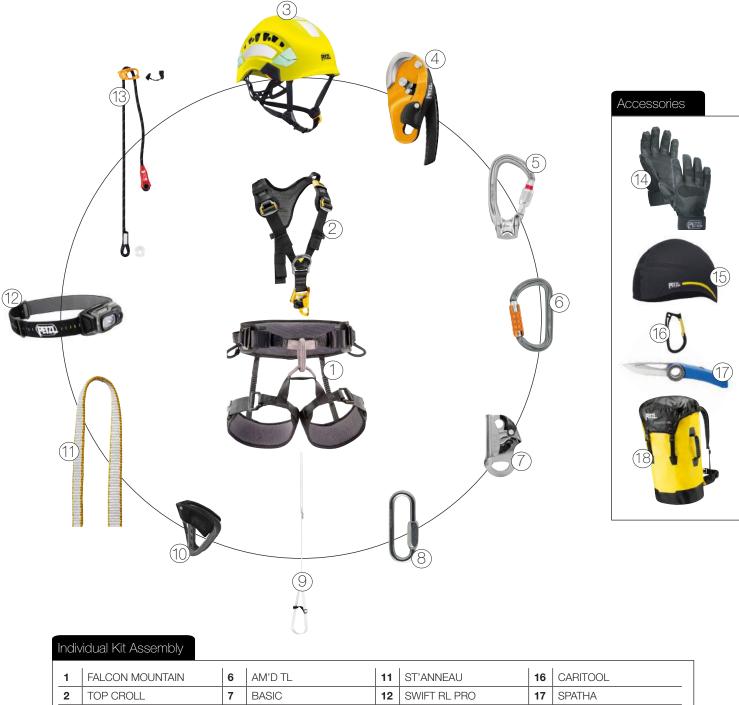
Backcountry Rescue - Individual 🏠



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



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

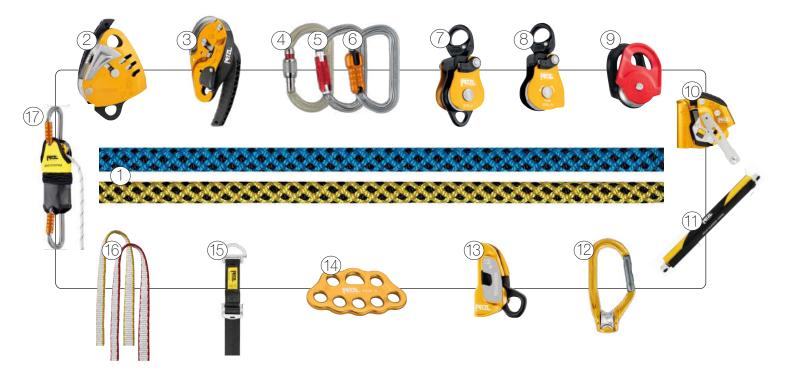
Backcountry Rescue - Team



This equipment is created with weight and convenience in mind, as backcountry and search and rescue professionals can carry the equipment via packs or can be driven to the rescue site.

Key Components

- The RAY ropes are paired to make an efficient main and belay line rope system
- The MAESTRO S is a technical rescue descender with 95% hauling efficiency that can easily be switched between hauling and lowering modes
- The JAG SYSTEM is a 4:1 haul kit for pickoffs, making a releasable anchor, and tensioning a system



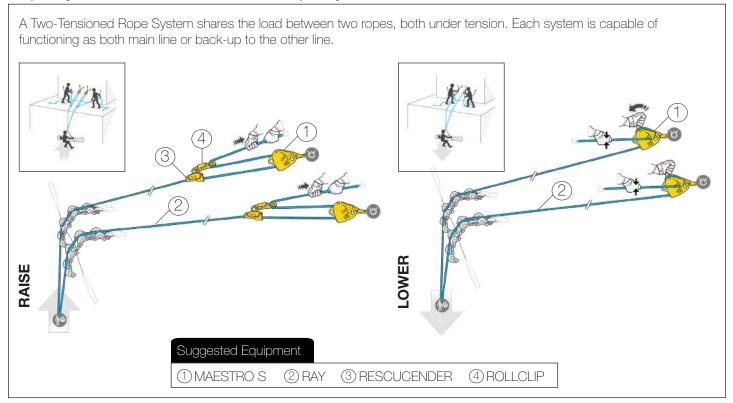
Tea	m Kit Assembly				
1	RAY 11 mm (150 ft)	7	SPIN L2	13	RESCUCENDER
2	MAESTRO S	8	SPIN L1D	14	PAW M
3	I'D S	9	RESCUE	15	CONNEXION VARIO
4	OXAN SL	10	ASAP LOCK	16	ST'ANNEAU
5	AM'D RL	11	ASAP'SORBER AXESS	17	JAG SYSTEM
6	BM'D	12	ROLLCLIP A	18	TRANSPORT



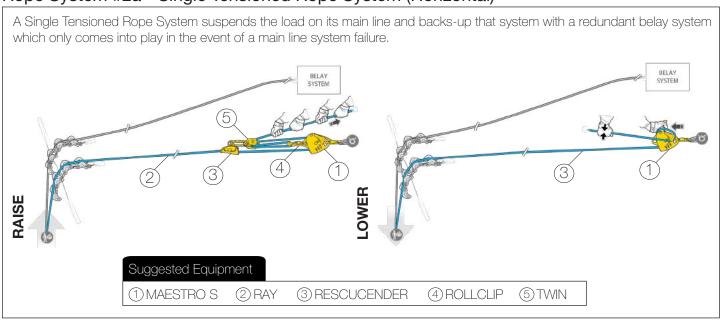
Recommended Rope Systems

We have created technical diagrams that show how the MAESTRO can be incorporated into rope systems to create maximum efficiency for both lowering and raising a load. The MAESTRO can be used in both a Two-Tensioned Rope System and Single Tensioned Rope System. We have also created a diagram that shows how the ASAP LOCK can be used in a rescue load belay system.

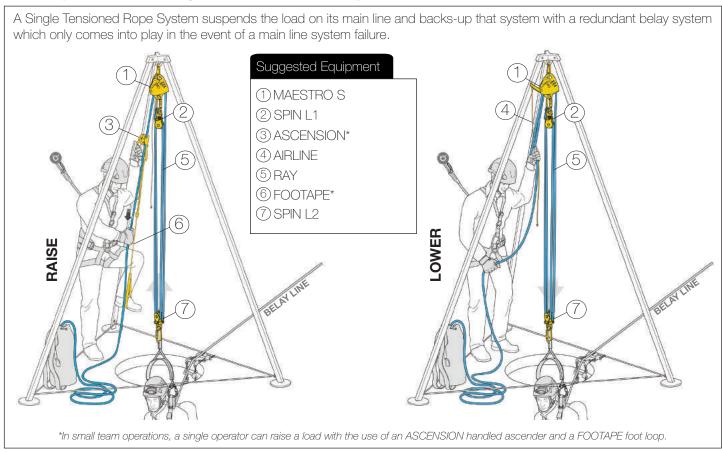
Rope System #1 - Two-Tensioned Rope System



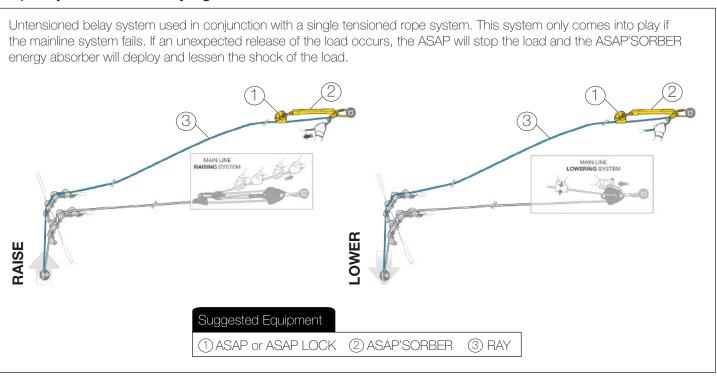
Rope System #2a - Single Tensioned Rope System (Horizontal)



Rope System #2b - Single Tensioned Rope System (Vertical)



Rope System #3 - Belaying with the ASAP



Northwest, West Coast, Western Canada

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