

HARNESSES

Simple to use, comfortable, with numerous accessories and technically suited to the requirements of the work they are designed for, Petzl harnesses set the standard in terms of safety and efficiency for workers at height.



Working from an aerial work platform; Bourg-en-Bresse, France © 2020 Petzl Distribution - Lafouche - LOCNACELLE

To give each user the best possible fit, Petzl harnesses are adjustable at the waist, shoulders and leg loops. They are equipped with different types of buckles:



Automatic buckles
Automatic buckles are opened and closed simply and quickly, even when wearing gloves, without loss of adjustment.



Self-locking buckles
These buckles do not require re-threading to be locked: they adjust easily in seconds.



General purpose harnesses

Fall-arrest harnesses

Fall-arrest harnesses with a simple, lightweight design.



NEW 2021



NEWTON

NEW 2021



NEWTON FAST

NEW 2021



NEWTON EASYFIT

Fall-arrest and work positioning harnesses

Fall-arrest and work positioning harnesses that are comfortable and easily donned.



VOLT



VOLT WIND

Harnesses for fall-arrest, work positioning and suspension

Versatile and very comfortable harnesses for fall-arrest, work positioning and suspension.



AVAO BOD
AVAO BOD FAST



AVAO SIT / AVAO SIT FAST



TOP

Specialized harnesses

Rope access harnesses

Very comfortable harnesses, with integrated ventral rope clamp to facilitate ascending a rope.



ASTRO BOD FAST



ASTRO SIT FAST



TOP CROLL S



TOP CROLL L

Tree care harnesses

Very comfortable harnesses, with attachment bridge for greater freedom of movement in the trees.



SEQUOIA SRT



SEQUOIA

Rescue harnesses

Lightweight harnesses suitable for various rescue environments.



FALCON



FALCON ASCENT



FALCON MOUNTAIN

Litter and evacuation triangles

Equipment designed for rope rescue (confined spaces, ski lifts...).



NEST



PITAGOR



BERMUDE

Certified to European and Russian standards, these harnesses are designed specifically for fall arrest. More specifically, they allow for the attachment of ABSORBICA energy-absorbing lanyards or an ASAP or ASAP LOCK mobile fall arrester.

• Lightweight, ergonomic design

NEWTON harnesses are designed to avoid interfering with workers' movements. The anatomical and lightweight design is close-fitting yet allows optimal freedom of movement.

• Easy to use



Harness is easy to open and close

The FAST LT PLUS sternal automatic buckle allows the harness to be fastened and unfastened quickly and easily, without loss of adjustment, even with gloves. The locking system of the buckle limits the risk of accidental unfastening.



Ready access to tools

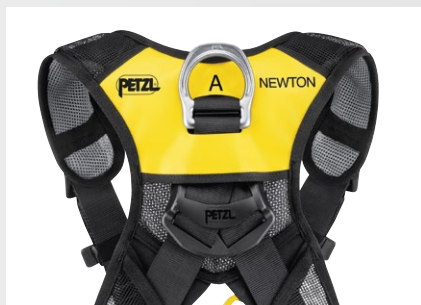
The equipment loops simplify tool organization, and the slots allow a TOOLBAG pouch to be added.

• Versatile



Textile sternal attachment point

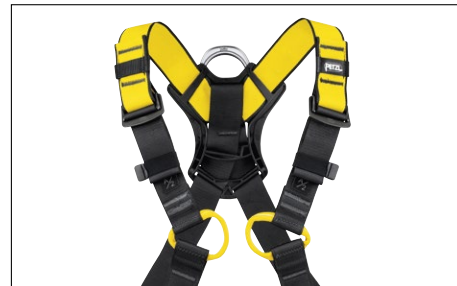
Lightweight and abrasion-resistant, the textile sternal attachment point allows attachment of a fall-arrest system.



Metal dorsal attachment point

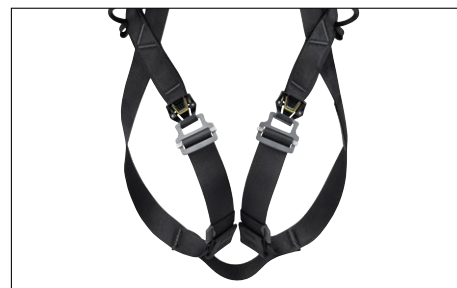
Made of anodized aluminum for high strength, the dorsal attachment point allows attachment of a fall-arrest system.

• Great simplicity



NEWTON harnesses have color-coded (yellow/black) straps allowing rapid identification of the upper and lower parts of the harness before donning.

• Quick donning



Equipped with padded shoulder straps and FAST LT automatic buckles on the leg loops, the NEWTON FAST harness dons very easily with both feet on the ground, without loss of adjustment.

• Optimal comfort



The NEWTON EASYFIT harness is designed to keep its shape, and includes two pockets for stowing small items. The leg loops are padded and equipped with FAST LT automatic buckles, enabling the harness to be easily donned while keeping both feet on the ground, without loss of adjustment.



NEW
2021



NEWTON European version

Fall-arrest harness

NEWTON is a lightweight, ergonomic fall-arrest harness. It is easy to use and its straps are color-coded to simplify donning. The harness allows immediate access to tools, thanks to its equipment loops and slots for the TOOLBAG pouch. Its textile sternal attachment point and metal dorsal attachment point provide tremendous versatility. It is certified to European and Russian standards.

NEW
2021



NEWTON FAST European version

Quick-donning fall-arrest harness

NEWTON FAST is a lightweight, ergonomic fall-arrest harness that can be quickly donned. It is equipped with padded shoulder straps and FAST LT automatic buckles on the leg loops, allowing the harness to be donned with both feet on the ground, without loss of adjustment. The harness allows immediate access to tools, thanks to its equipment loops and slots for the TOOLBAG pouch. Its textile sternal attachment point and metal dorsal attachment point provide tremendous versatility. It is certified to European and Russian standards.

NEW
2021



NEWTON EASYFIT European version

Comfortable and quick-donning fall-arrest harness

NEWTON EASYFIT is a comfortable, ergonomic fall-arrest harness that can be quickly donned. It is equipped with padded shoulder straps and FAST LT automatic buckles on the leg loops, allowing the harness to be donned with both feet on the ground, without loss of adjustment. Its lightweight, breathable design offers two zippered pockets for stowing small items. The harness allows immediate access to tools, thanks to its equipment loops and slots for the TOOLBAG pouch. Its textile sternal attachment point and metal dorsal attachment point provide tremendous versatility. It is certified to European and Russian standards.

Accessories

NEW
2021



HI-VIZ vest for NEWTON harnesses

Fluorescent-colored vest with reflective strips makes the worker highly visible in all lighting conditions. It installs quickly and easily on NEWTON, NEWTON FAST and NEWTON EASYFIT harnesses. The sternal buckle, the multiple attachment points and the connector-holders all remain accessible during use, for optimal freedom of movement.

NEW
2021



Leg loop padding for NEWTON harnesses

Leg loop padding for increased comfort with the NEWTON and NEWTON FAST harnesses, or for replacing the padding on NEWTON EASYFIT harnesses.

Certified to North American, European and Russian standards, these harnesses are designed specifically for fall arrest. More specifically, they allow for the attachment of ABSORBICA energy-absorbing lanyards or an ASAP or ASAP LOCK mobile fall arrester.

- **Lightweight, ergonomic design**

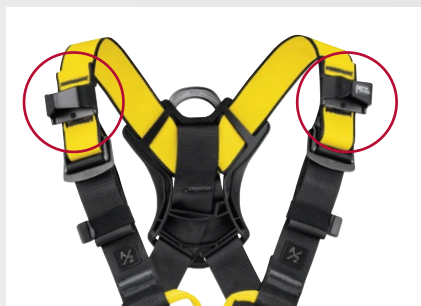
NEWTON harnesses are designed to avoid interfering with workers' movements. The anatomical and lightweight design is close-fitting yet allows optimal freedom of movement.

- **Easy to use**



- **Harness is easy to open and close**

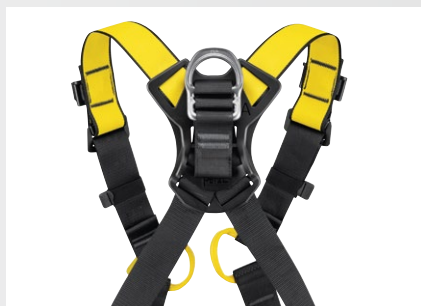
The FAST LT PLUS sternal automatic buckle allows the harness to be fastened and unfastened quickly and easily, without loss of adjustment, even with gloves. The locking system of the buckle limits the risk of accidental unfastening.



- **Stowage for lanyard connectors**

The harnesses have a stowage system for fall-arrest lanyard connectors on each shoulder strap. In the event of a fall, the system releases the MGO connector and allows the absorber to be deployed.

- **Versatile**



The harnesses have a metal dorsal attachment point that allows attachment of a fall-arrest system, and a textile dorsal attachment point that allows attachment of a self-retracting fall-arrest system.

- **Easy harness inspection**



The sternal and dorsal attachment points are equipped with fall indicators: a red strap appears after a fall to indicate that the harness must be retired.

- **Great simplicity**



NEWTON harnesses have color-coded (yellow/black) straps allowing rapid identification of the upper and lower parts of the harness before donning.

- **Quick donning**



Equipped with padded shoulder straps and FAST LT PLUS automatic buckles on the leg loops, the NEWTON harness dons very easily with both feet on the ground, without loss of adjustment.

- **Optimal comfort**



The NEWTON EASYFIT harness is designed to keep its shape, and includes two pockets for stowing small items. The leg loops are padded and equipped with FAST LT PLUS automatic buckles, enabling the harness to be easily donned while keeping both feet on the ground, without loss of adjustment.



NEW
2021



NEWTON International version

Fall-arrest harness

NEWTON is a lightweight, ergonomic fall-arrest harness. It is easy to use and its straps are color-coded to simplify donning. The harness allows immediate access to tools, thanks to its equipment loops and slots for the TOOLBAG pouch. Its textile sternal attachment point and metal and textile dorsal attachment points provide tremendous versatility. It offers ergonomic stowage of MGO connectors and has fall indicators. It is certified to North American, European and Russian standards.

NEW
2021



NEWTON FAST International version

Quick-donning fall-arrest harness

NEWTON FAST is a lightweight, ergonomic fall-arrest harness that can be quickly donned. It is equipped with padded shoulder straps and FAST LT PLUS automatic buckles on the leg loops, allowing the harness to be donned with both feet on the ground, without loss of adjustment. The harness allows immediate access to tools, thanks to its equipment loops and slots for the TOOLBAG pouch. Its textile sternal attachment point and metal and textile dorsal attachment points provide tremendous versatility. It offers ergonomic stowage of MGO connectors and has fall indicators. It is certified to North American, European and Russian standards.

NEW
2021



NEWTON EASYFIT International version

Comfortable and quick-donning fall-arrest harness

NEWTON EASYFIT is a comfortable, ergonomic fall-arrest harness that can be quickly donned. It is equipped with padded shoulder straps and FAST LT PLUS automatic buckles on the leg loops, allowing the harness to be donned with both feet on the ground, without loss of adjustment. Its lightweight, breathable design offers two zippered pockets for stowing small items. The harness allows immediate access to tools, thanks to its equipment loops and slots for the TOOLBAG pouch. Its textile sternal attachment point and metal and textile dorsal attachment points provide tremendous versatility. It offers ergonomic stowage of MGO connectors and has fall indicators. It is certified to North American, European and Russian standards.

Accessories

NEW
2021



HI-VIZ vest for NEWTON harnesses

Fluorescent-colored vest with reflective strips makes the worker highly visible in all lighting conditions. It installs quickly and easily on NEWTON, NEWTON FAST and NEWTON EASYFIT harnesses. The sternal buckle, the multiple attachment points and the connector-holders all remain accessible during use, for optimal freedom of movement.

NEW
2021



Leg loop padding for NEWTON harnesses

Leg loop padding for increased comfort with the NEWTON and NEWTON FAST harnesses, or for replacing the padding on NEWTON EASYFIT harnesses.

Fall-arrest and work positioning harnesses

These harnesses help provide fall protection for the worker and enable him/her to position him/herself at a workstation, with a GRILLON lanyard, for example. Additionally, they are specifically designed to facilitate vertical progression on a rail or cable (European versions only).

• Quick and easy donning



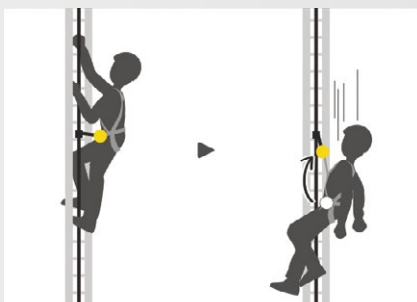
VOLT and VOLT WIND harnesses are very quick to don. The waistbelt and leg loops are equipped with FAST LT PLUS / FAST LT automatic buckles, allowing the harness to be easily donned while keeping both feet on the ground.

• Optimal comfort



Comfortable work positioning

Wide, semi-rigid waistbelt and leg loops give excellent support. The lightweight, breathable construction maximizes air flow.



Ventral attachment point suitable for vertical progression on a rail or cable

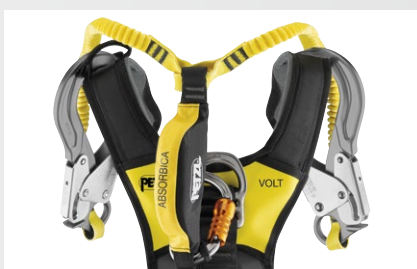
The LADDER CLIMB attachment point allows for ventral attachment of the fall-arrest trolley, which distributes the load on the waistbelt and thus ensures optimal comfort. In the event of a fall, the attachment point automatically moves upward to a sternal position to ensure a vertical post-fall body position (only on European versions).



Folding side attachment points

Side attachment points can be folded down to prevent them snagging accidentally when not in use.

• Easy to use



The harnesses have a stowage system for the MGO connectors on fall-arrest lanyards on each shoulder strap. In the event of a fall, the system releases the MGO connectors and allows the absorber to be deployed.

• For work on towers and antennas



VOLT harnesses have a wide waistbelt with equipment loops on the back for easy organization of work tools.

• For work inside wind turbine towers



VOLT WIND harnesses have dorsal wear protectors to reduce wear on the straps when moving about inside a wind turbine tower.



VOLT® European version

Fall-arrest and work positioning harness with attachment point for vertical progression on rail or cable

The VOLT fall-arrest and work positioning harness is very quick to don, thanks to the FAST LT PLUS and FAST LT automatic buckles that allow it to be donned with both feet on the ground. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. Its LADDER CLIMB attachment point allows for ventral attachment of the fall-arrest trolley, ensuring optimal comfort during progression. It is certified to European and Russian standards.



VOLT® international version

Fall-arrest and work positioning harnesses

The VOLT fall-arrest and work positioning harness is very quick to put on, thanks to the FAST LT PLUS automatic buckles that allow it to be donned with both feet on the ground. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. It features a textile dorsal attachment point designed for connecting a self-retracting fall-arrest system. It is certified to U.S. and European standards.



VOLT® WIND European version

Fall-arrest and work positioning harness for the wind power industry with attachment point for vertical progression on rail or cable

The VOLT WIND fall-arrest and work positioning harness is very quick to put on, thanks to the FAST LT PLUS and FAST LT automatic buckles that allow it to be donned while keeping both feet on the ground. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. Its LADDER CLIMB attachment point allows for ventral attachment of the fall-arrest trolley, ensuring optimal comfort during progression. It has wear protectors on the waistbelt and dorsal point to limit wear when moving about inside the wind turbine tower. It is certified to European and Russian standards.



VOLT® WIND international version

Fall-arrest and work positioning harness for the wind power industry

The VOLT WIND fall-arrest and work positioning harness is very quick to put on, thanks to the FAST LT PLUS automatic buckles that allow it to be donned while keeping both feet on the ground. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. It features a textile dorsal attachment point designed for connecting a self-retracting fall-arrest system. It has wear protectors on the waistbelt and dorsal point to limit wear when moving about inside the wind turbine tower. It is certified to U.S. and European standards.

Accessory



Seat for VOLT® harnesses

Seat for VOLT harnesses for greater comfort during suspension

The seat for the VOLT harness attaches to the designated slots on the harness. It provides additional comfort during prolonged suspension.



Harnesses for fall arrest, work positioning and suspension

These harnesses are used for fall protection, for positioning at a workstation, and for working comfortably in suspension.

- **Comfortable construction**



Wide, semi-rigid waistbelt and leg loops give excellent support. The lightweight, breathable construction maximizes air flow.

- **Convenient adjustment**



- **Easy to adjust**

The AVAO harnesses can be adjusted at the waistbelt and shoulder straps. These adjustment points are equipped with self-locking DOUBLEBACK buckles. These do not require re-threading to be locked: the harness adjusts easily in seconds.



- **Available in easier donning version**

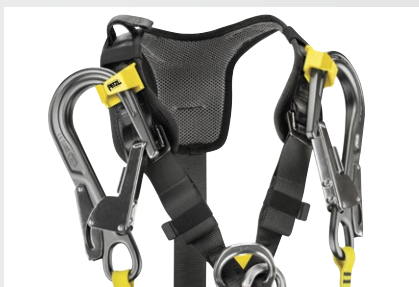
The leg loops of AVAO harnesses are equipped with FAST / FAST LT automatic buckles that facilitate donning the harness with both feet on the ground or with large footwear, without loss of adjustment, even when wearing gloves.

- **Optimal organization of work tools**



AVAO harnesses are equipped with six equipment loops on the sides and at the rear of the waistbelt. They are shaped to facilitate clipping carabiners. Each harness also has slots designed for the CARITOOL tool holder and the TOOLBAG pouch.

- **Stowage for lanyard connectors**



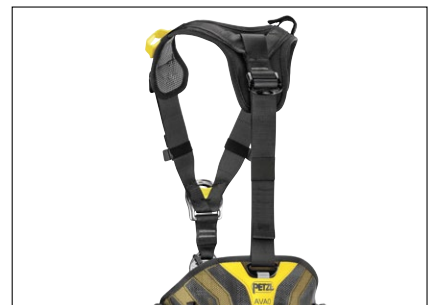
The harnesses have a stowage system for fall-arrest lanyard connectors on each shoulder strap. In the event of a fall, the system releases the MGO connector and allows the absorber to be deployed.

- **A complete solution, with dorsal attachment point**



The AVAO BOD and AVAO BOD FAST full-body harnesses are equipped with a dorsal attachment point for connecting a fall-arrest system. In the event of a fall on this attachment point, a shorter adjustment of the length between the waistbelt and the leg loops means the load is taken up on the leg loops, allowing the user to remain suspended longer while awaiting rescue.

- **A lightweight and flexible solution**



Combining a seat harness with a separate chest harness is a more lightweight solution, if the user does not need a dorsal attachment point. It is also a solution for hard-to-fit body types, as it allows users to combine different seat and chest harness sizes.



AVAO® BOD / AVAO® BOD FAST European version Comfortable harness for fall arrest, work positioning and suspension

The AVAO BOD fall arrest, work positioning and suspension harness is designed for greater comfort in all situations. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. The shoulder straps have a system for stowing the fall-arrest lanyard connectors and keeping them within reach. The DOUBLEBACK self-locking buckles at the rear of the harness, between the waistbelt and the leg loops, allow for a shorter adjustment when the dorsal attachment point is used. The harness also facilitates the carrying and organizing of work tools, with multiple gear loops and slots for attaching CARITOOl tool holders and TOOLBAG tool-holder pouches. The harness is fastened by a SCREW-LOCK manual locking carabiner and is certified to European and Russian standards. AVAO BOD features leg loops with DOUBLEBACK self-locking buckles; AVAO BOD FAST has leg loops with FAST LT automatic buckles.



AVAO® BOD / AVAO® BOD FAST international version Comfortable harness for fall arrest, work positioning and suspension

The AVAO BOD fall arrest, work positioning and suspension harness is designed for greater comfort in all situations. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. The shoulder straps have a system for stowing the fall-arrest lanyard connectors and keeping them within reach. The DOUBLEBACK self-locking buckles at the rear of the harness, between the waistbelt and the leg loops, allow for a shorter adjustment when the dorsal attachment point is used. The harness also facilitates the carrying and organizing of work tools, with multiple gear loops and slots for attaching CARITOOl tool holders and TOOLBAG tool-holder pouches. The harness has an integrated fall indicator on the dorsal attachment point and is fastened with a TRIACT-LOCK automatic locking carabiner. It is certified to North American and European standards. AVAO BOD features leg loops with DOUBLEBACK self-locking buckles; AVAO BOD FAST has leg loops with FAST automatic buckles.



TOP Chest harness for seat harness

The TOP chest harness transforms AVAO SIT, AVAO SIT FAST, FALCON, FALCON MOUNTAIN and SEQUOIA SRT seat harnesses into fall-arrest harnesses. The padded shoulder straps are widely spaced to reduce neck chafing. When the waistbelt is loaded, they help distribute the load over the shoulders. They also have a system for stowing the fall-arrest lanyard connectors and keeping them within reach.



AVAO® SIT / AVAO® SIT FAST Comfortable seat harness for work positioning and suspension

The AVAO SIT work positioning and suspension seat harness is designed for greater comfort in a variety of situations. The wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow. The harness also facilitates the carrying and organizing of work tools, with multiple gear loops and slots for attaching CARITOOl tool holders and TOOLBAG tool-holder pouches. This seat harness is designed to be converted into a fall-arrest harness when combined with a TOP chest harness, or into a rope access harness when combined with a TOP CROLL S or L chest harness. The AVAO SIT leg loops have DOUBLEBACK self-locking buckles; AVAO SIT FAST leg loops have FAST LT automatic buckles.



Designed for rope access, these harnesses allow the worker to be protected in the event of a fall and to position him/herself at the workstation. The gated ventral attachment point facilitates rope ascents and makes work in suspension more comfortable.

• Optimal integration of equipment



The gated attachment point allows connection of:

- a CROLL ventral rope clamp on the ventral point for greater efficiency on rope ascents
- a PROGRESS lanyard directly on the ventral attachment point
- a PODIUM seat on the axle of the attachment point, allowing the load to be supported directly by the descender, while guaranteeing mobility at the ventral attachment point

• Optimal organization of work tools



ASTRO harnesses are equipped with six equipment loops on the sides and at the rear of the waistbelt. They are shaped to facilitate clipping carabiners. Each harness also has slots designed for the CARITOOL tool holder and the TOOLBAG pouch.

• Ultra-comfortable design



The waistbelt and the leg loops of ASTRO harnesses are semi-rigid and wide in order to limit pressure points and ensure effective support. These two zones are sculpted and lined with breathable foam padding for optimal comfort in suspension, and for good ventilation. This construction also facilitates harness donning.

• Convenient adjustment



Easy to don

The leg loops of ASTRO harnesses are equipped with FAST / FAST LT automatic buckles that facilitate donning the harness with both feet on the ground or with large footwear, without loss of adjustment, even when wearing gloves.



Easy to adjust

The waistbelt and shoulder straps are equipped with self-locking DOUBLEBACK / DOUBLEBACK PLUS buckles for quick and easy adjustment.

• A complete solution, with dorsal attachment point



ASTRO BOD FAST full-body harnesses are equipped with a dorsal attachment point for attaching a fall-arrest system. In the event of a fall on this attachment point, a shorter adjustment of the length between the waistbelt and the leg loops means the load is taken up on the leg loops, allowing the user to remain suspended longer while awaiting rescue.

• A lightweight and flexible solution



Combining a seat harness with a separate chest harness is a more lightweight solution, if the user does not need a dorsal attachment point. It is also a solution for hard-to-fit body types, as it allows users to combine different seat and chest harness sizes.



ASTRO® BOD FAST European version

Ultra-comfortable rope access harness

With an integrated CROLL L ventral rope clamp, the ASTRO BOD FAST harness is designed for greater efficiency and comfort during rope ascents. The gated ventral attachment point allows optimal integration of equipment (rope clamp, lanyard, seat...). The wide, semi-rigid waistbelt and leg loops give excellent support. They are contoured and lined with breathable foam padding for comfort when suspended. The DOUBLEBACK self-locking buckles at the rear of the harness, between the waistbelt and the leg loops, allow for a shorter adjustment when the dorsal attachment point is used. The harness also facilitates the carrying and organizing of work tools, with multiple gear loops and slots for attaching CARITool tool holders and TOOLBAG tool-holder pouches. It is certified to European and Russian standards. The ASTRO BOD FAST (European version) features leg loops with FAST LT automatic buckles.



ASTRO® BOD FAST international version

Ultra-comfortable rope access harness

With an integrated CROLL L ventral rope clamp, the ASTRO BOD FAST harness is designed for greater efficiency and comfort during rope ascents. The gated ventral attachment point allows optimal integration of equipment (rope clamp, seat...). The wide, semi-rigid waistbelt and leg loops give excellent support. They are contoured and lined with breathable foam padding for comfort when suspended. The DOUBLEBACK self-locking buckles at the rear of the harness, between the waistbelt and the leg loops, allow for a shorter adjustment when the dorsal attachment point is used. The harness also facilitates the carrying and organizing of work tools, with multiple gear loops and slots for attaching CARITool tool holders and TOOLBAG tool-holder pouches. It has a fall indicator on the dorsal attachment point and is certified to North American and European standards. ASTRO BOD FAST (international version) features leg loops with FAST automatic buckles.



TOP CROLL® S

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

The TOP CROLL S integrates a CROLL S ventral rope clamp to transform ASTRO SIT FAST, AVAO SIT, AVAO SIT FAST, FALCON, FALCON ASCENT and SEQUOIA SRT harnesses into rope access harnesses. The textile sternal attachment point optimally reduces weight and bulk. The padded shoulder straps are widely spaced to reduce neck chafing. When the waistbelt is loaded, they help distribute the load over the shoulders. The rear connection, on each side of the waistbelt, offers excellent stability.



TOP CROLL® L

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

The TOP CROLL L integrates a CROLL L ventral rope clamp to transform ASTRO SIT FAST, AVAO SIT, AVAO SIT FAST, FALCON, FALCON ASCENT and SEQUOIA SRT harnesses into rope access harnesses. The padded shoulder straps are widely spaced to reduce neck chafing. When the waistbelt is loaded, they help distribute the load over the shoulders.



ASTRO® SIT FAST

Ultra-comfortable seat harness for rope access

The ASTRO SIT FAST rope access seat harness features a gated ventral attachment point that allows optimal integration of equipment (rope clamp, lanyard, seat...). The wide, semi-rigid waistbelt and leg loops give excellent support. They are contoured and lined with breathable foam padding for comfort when suspended. The harness also facilitates the carrying and organizing of work tools, with multiple gear loops and slots for attaching CARITool tool holders and TOOLBAG tool-holder pouches. This seat harness is designed to be converted into a full-body harness when combined with a TOP CROLL S or L chest harness. The ASTRO SIT FAST features leg loops with FAST LT automatic buckles.



Accessory



PODIUM

Seat for prolonged suspension

The PODIUM provides optimal comfort during prolonged suspension. The wide seat offers excellent stability. Rigid sides prevent the webbing straps from cutting into the thighs. The easy-to-use seat has two gear loops and a rear hook, making it easier to store in order to facilitate movement. It connects to ASTRO BOD FAST and ASTRO SIT FAST harnesses with two shackles (find a description of the shackles on page 65).



These harnesses are designed for arborists: they ensure great mobility in the tree and optimally distribute the load between the waistbelt and the leg loops. They also provide excellent lumbar support in the many work phases where the arborist has his/her weight on the harness.

• Comfort



The semi-rigid, extra-wide waistbelt ensures excellent support for the user. It is also sculpted and lined with foam padding for improved comfort when suspended.

• Ergonomics



Gated attachment points

The gated attachment points facilitate connection of a ZILLON or MICROFLIP lanyard. They also allow installation of several attachment bridges (adjustable or fixed), as well as accessories like RING attachment rings or SWIVELS, directly on the attachment bridge.



Easy to don

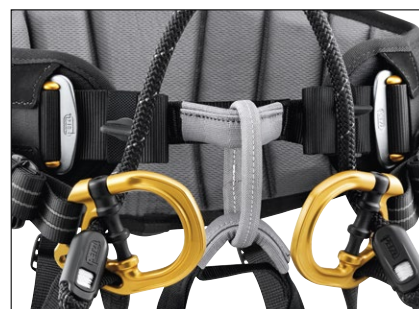
The leg loops of SEQUOIA harnesses are equipped with FAST / FAST LT automatic buckles that facilitate donning the harness with both feet on the ground or with large footwear, without loss of adjustment, even when wearing gloves.

• Accessories

Accessories for the SEQUOIA line of harnesses allow each user to adapt the equipment to his/her needs.



• For single rope ascent techniques



The SEQUOIA SRT features a ventral attachment point for installing a ZIGZAG mechanical Prusik with the CHICANE and KNEE ASCENT accessories.

• For doubled rope ascent techniques



The SEQUOIA harness waistbelt is equipped with a FAST automatic buckle for quick and simple opening and closing, without loss of adjustment, even while wearing gloves.



SEQUOIA SRT

Tree care seat harness for single-rope ascent techniques

The SEQUOIA SRT is a tree care seat harness for single-rope ascent techniques. It has a ventral attachment point that allows a ZIGZAG or ZIGZAG PLUS mechanical Prusik to be installed with the CHICANE and KNEE ASCENT accessories. The extra-wide, semi-rigid waistbelt and leg loops provide comfort for the arborist. It is equipped with DOUBLEBACK PLUS self-locking buckles on the waistbelt and FAST LT PLUS automatic buckles on the leg loops. The gated attachment points allow the user to easily connect a ZILLON or MICROFLIP lanyard, or to install several attachment bridges and accessories directly on the bridge. The harness also facilitates the carrying and organizing of work tools, with multiple equipment loops and slots for attaching CARITool tool holders.



SEQUOIA

Tree care seat harness for doubled-rope ascent techniques

The SEQUOIA is a tree care seat harness for doubled-rope ascent techniques. The extra-wide, semi-rigid waistbelt and leg loops provide comfort for the arborist. The waistbelt is equipped with a FAST automatic buckle for quick and simple opening and closing, without loss of adjustment, even while wearing gloves. The leg loops have FAST LT PLUS automatic buckles. The gated attachment points allow the user to easily connect a ZILLON or MICROFLIP lanyard, or to install several attachment bridges and accessories directly on the bridge. The harness also facilitates the carrying and organizing of work tools, with multiple equipment loops and slots for attaching CARITool tool holders.

Accessories



Shoulder straps (only for SEQUOIA SRT)

Shoulder straps for SEQUOIA SRT seat harness designed for taking the load from the waistbelt and redistributing it to the shoulders for improved comfort. They connect to the ventral attachment point of the harness and to the two slots at the rear of the waistbelt.



Seat

Wide seat for a comfortable working position during suspension. It has an adjustable width to reduce bulk and facilitate movement within the tree. It connects to the two gated points on the SEQUOIA and SEQUOIA SRT arborist seat harnesses, using the two shackles.



Adjustable attachment bridge

Adjustable attachment bridge for SEQUOIA and SEQUOIA SRT harnesses allows quick and precise adjustment of the position of progression tools installed on the bridge.



Attachment bridge

Attachment bridge for connection to the two gated attachment points of the SEQUOIA and SEQUOIA SRT arborist seat harnesses, to optimize lateral mobility.



RING

The RING connection ring can be used to create multiple anchors or be installed directly onto the SEQUOIA and SEQUOIA SRT harnesses' attachment bridges to improve the arborist's lateral mobility.



Shackles

Shackles for connecting a seat.
Find a description of the shackles on page 65.

Rescue harnesses

Designed for rescuers, these harnesses are lightweight, for increased mobility and rapid movement during operations. The choice of several models allows adaptation to the different types of environments that can be encountered.

- **Comfortable, ultra-lightweight design**



- **Thin, lightweight construction**

- The semi-rigid, slim waistbelt and leg loops on FALCON harnesses ensure an optimal comfort/weight ratio.



- **Compact, lightweight side attachment points**

- The textile side attachment points are designed for occasional use and limit bulk and weight.

- **Ergonomics**



- **Easy adjustment**

- The waistbelt and leg loops are equipped with two self-locking DOUBLEBACK buckles for quick and easy adjustment.



- **Movable leg loops**

- The foam on the leg loops of the FALCON harnesses can be adjusted for perfect positioning.

- **Optimal organization of equipment and work tools**



- **Equipment loops and slots**

- FALCON harnesses are equipped with equipment loops on the sides and at the rear of the waistbelt. Each harness also has slots designed for the CARITool tool holder and the TOOLBAG pouch.

- **For work in suspension**



The metal ventral attachment point on the FALCON harness distributes the load between the waistbelt and the leg loops during suspension.

- **For efficiency when ascending a rope**



The two-part ventral attachment point of the FALCON ASSENT harness increases the efficiency of rope ascents when using a CROLL ventral rope clamp.

- **For operations using climbing techniques**



The textile bridge construction of the FALCON MOUNTAIN harness favors progression with climbing techniques and makes for comfortable walking.



FALCON

Lightweight seat harness for suspended rescue

FALCON is a lightweight seat harness with a metal ventral attachment point that distributes the load between the waistbelt and the leg loops during suspended rescue. It has a waistbelt and leg loops that are semi-rigid for comfort and equipped with self-locking DOUBLEBACK buckles for quick and easy adjustment. The rear buckle allows a TOP or TOP CROLL chest harness to be attached.



FALCON ASCENT

Lightweight seat harness for rescue operations involving rope ascent

FALCON ASCENT is a lightweight seat harness featuring a two-part ventral attachment point that fastens with an OMNI carabiner. This attachment point makes it more efficient during rescue operations involving rope ascent. The FALCON ASCENT harness features a semi-rigid waistbelt and leg loops for maximum comfort and self-locking DOUBLEBACK buckles for quick and easy adjustment. The rear buckle allows a TOP CROLL chest harness to be attached.



FALCON MOUNTAIN

Very lightweight seat harness for rescue operations involving technical climbing

FALCON MOUNTAIN is a very lightweight seat harness for rescue operations involving technical climbing. It features a bridge construction that favors progression with climbing techniques and makes it comfortable when walking. It has a waistbelt and leg loops that are semi-rigid for comfort and equipped with self-locking DOUBLEBACK buckles for quick and easy adjustment. The rear buckle allows a TOP chest harness to be installed.



Accessory



CHEST'AIR

Chest harness for seat harnesses

The CHEST'AIR chest harness transforms FALCON, FALCON MOUNTAIN, AVAO SIT and SEQUOIA SRT seat harnesses into fall-arrest harnesses. Connects simply to the harness 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.



Litter and evacuation triangles

Rescue litter



STEF

Tilting device for NEST litter

The STEF tilting device joins the three connection points of the NEST litter and allows it to be easily tilted according to the terrain. It has three Am'D TRIACT-LOCK connectors for automatic locking of the connection points, and a swivel for precise orientation of the litter.

NEST

Litter for confined spaces

The NEST litter was developed in partnership with the French national caving rescue organization. It allows a victim to be transported horizontally, vertically or at an angle. It handles easily, and simplifies loading the victim. It is suitable for all technical rope rescue, particularly in confined spaces.

Accessory



Bag for NEST litter

The bag for the NEST litter allows it to be transported and stored. The openings at either end allow the handles of the litter to protrude, for easier handling. It is equipped with three handles and a bandolier system for easier transport.

Evacuation triangles

Evacuation triangles are mainly used for rescue on ski lifts and by firefighters. They allow unequipped people to be evacuated in minimal time.



PITAGOR

Evacuation triangle with shoulder straps

The PITAGOR is an evacuation triangle with shoulder straps that is easy to put on and adjust with the DOUBLEBACK self-locking buckles.



BERMUDE

Evacuation triangle without shoulder straps

The BERMUDE is an evacuation triangle without shoulder straps that is easily put on and adapts without adjustment to different sizes.



LIFT

Spreader for harnesses

Spreader for full-body harnesses or seat harnesses used in conjunction with a chest harness, allowing upright descent (for confined spaces).



CARITOOOL

Harness tool holder

The CARITOOOL tool holder provides one-handed tool access and storage. It slips onto the harness straps and stays in place, thanks to its stabilizing clip. The gate has a protective feature that limits accidental snagging. It is available in two sizes.



RING OPEN

Multidirectional gated ring

See page 104 for details on the RING OPEN gated ring.



Shackles

Shackles for connecting a seat. Connection to the gated attachment point on harnesses ensures optimal integration of equipment.



Lanyard connector holder

Lanyard connector holder (pack of 2)

Lanyard connector holders install on the shoulder straps of VOLT, VOLT WIND, AVAO BOD, AVAO BOD FAST and ASTRO BOD FAST harnesses and TOP, TOP CROLL S and TOP CROLL L chest harnesses. They provide stowage for the MGO connectors on fall-arrest lanyards, on each shoulder strap, allowing the user to be unhindered by the lanyard and to keep the connectors within reach. In the event of a fall, the system releases the MGO connectors and allows the absorber to be deployed.



TOOLBAG

Tool pouch

The TOOLBAG tool pouch allows the user to organize his/her tools during suspended work. The cord lock allows the pouch to be closed easily during transport or when moving about. The pouch attaches easily to any type of harness. Available in three sizes: XS, S and L.



PORTO

Webbing equipment loop

Webbing equipment loop attaches to a pack's internal loop for organizing equipment.



BOLTBAG

Equipment pouch

Equipment pouch for organizing a hammer, bolting gear and other equipment. It has two pockets and exterior holster.



General purpose harnesses

		European versions		International versions	
		References	Certifications	References	Certifications
Fall-arrest harness					
 NEW 2021 NEWTON	NEWTON	C073AA01	CE EN 361 EAC	C073BA01	CE EN 361 EAC ANSI Z359.11 CSA Z259.10
		C073AA02		C073BA02	
	NEWTON FAST	C073CA01		C073DA01 C073IA00 (1)	
		C073CA02		C073DA02 C073IA01 (1)	
	NEWTON EASYFIT	C073EA00		C073FA00	
		C073EA01		C073FA01	
		C073EA02		C073FA02	
NEW 2021 HI-VIZ vest for NEWTON harnesses	C073GA00	■	-	-	-
	C073HA00	■	-	-	-
NEW 2021 Leg loop padding for NEWTON harnesses	C073JA00	-	-	-	-
Fall-arrest and work positioning harnesses					
 VOLT	VOLT	C072AA00	CE EN 361 EN 358 EN 813 EAC	C072CA00	ANSI Z359.11 CSA Z259.10 CE EN 361 CE EN 358
		C072AA01		C072CA01	
		C072AA02		C072CA02	
	VOLT WIND	C072BA00		C072DA00	
		C072BA01		C072DA01	
		C072BA02		C072DA02	
Seat for VOLT harnesses	C072EA00	CE EN 358 (3)	-	-	-
Harnesses for fall arrest, work positioning and suspension					
 AVAO BOD	AVAO BOD	C071AA00	CE EN 361 EN 358 EN 813 EAC	C071CA00	ANSI Z359.11 NFPA 1983 class III CSA Z259.10 CE EN 361 CE EN 358 CE EN 813
		C071AA01		C071CA01	
		C071AA02		C071CA02	
	AVAO BOD FAST	C071BA00 C071BA03 (1)		C071DA00 C071DA03 (1)	
		C071BA01 C071BA04 (1)		C071DA01 C071DA04 (1)	
		C071BA02 C071BA05 (1)		C071DA02 C071DA05 (1)	
TOP	C081AA00 C081AA01 (1)	CE EN 361 (2) EAC	-	-	-
 AVAO SIT	AVAO SIT	C079AA00 C079AA02 (1)	CE EN 358 EN 813 EAC	-	-
		C079AA01 C079AA03 (1)			
	AVAO SIT FAST	C079BA00			
		C079BA01 C079BA02			



Dorsal	Attachment points				Sizes				Weight
	Sternal	Ventral	Hip	Size	Waistbelt	Leg loops	Height		
●	●	-	-	1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1000 g 1030 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1030 g 1060 g (4)	
●	●	-	-	1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1010 g 1355 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1050 g 1395 g (4)	
●	●	-	-	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	1310 g 1655 g (4)	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1370 g 1715 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1420 g 1765 g (4)	
-	-	-	-	-	-	-	-	380 g	
-	-	-	-	-	-	-	-	70 g	
●	●	● (5)	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	2100 g 2300 g (4)	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	2150 g 2350 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	2230 g 2430 g (4)	
●	●	● (5)	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	2150 g 2350 g (4)	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	2200 g 2400 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	2280 g 2480 g (4)	
-	-	-	-	-	-	-	-	1050 g	
●	●	●	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	2045 g 2215 g (4)	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	2090 g 2260 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	2170 g 2340 g (4)	
●	●	●	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	2000 g 2350 g (4)	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	2045 g 2400 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	2125 g 2485 g (4)	
-	●	-	-	-	-	-	160 - 200 cm	660 g	
-	-	●	●	1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1175 g	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1190 g	
-	-	●	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	1115 g	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1130 g	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1145 g	

(1) black harness, (2) with AVAO SIT, AVAO SIT FAST, FALCON, FALCON MOUNTAIN, SEQUOIA SRT seat harness, (3) with VOLT harnesses, (4) weight of international version, (5) on European versions.



Specialized harnesses

		European versions		International versions		
		References	Certifications	References	Certifications	
Rope access harnesses						
ASTRO BOD FAST		C083AA00	CE EN 361 EN 358 EN 813 EN 12841 type B EAC	C083BA00 C083BA03 (1)	ANSI Z359.11 NFPA 1983 class III CSA Z259.10 CE EN 361 EN 358 EN 813 EN 12841 type B	
		C083AA01		C083BA01 C083BA04 (1)		
		C083AA02		C083BA02 C083BA05 (1)		
TOP CROLL S		C081BA00	CE EN 361 (2) EN 12841 type B EAC	-	-	
TOP CROLL L		C081CA00	CE EN 361 (2) EN 12841 type B EAC	-	-	
ASTRO SIT FAST		C085AA00	CE EN 358 EN 813 EAC	-	-	
		C085AA01				
		C085AA02				
PODIUM		S071AA00	-	-	-	
Tree care harnesses						
SEQUOIA		SEQUOIA SRT	CE EN 358 EN 813 EAC	-	-	
		C069BA00				
		C069BA01				
		C069BA02				
		SEQUOIA				
		C069AA00				
		C069AA01				
		C069AA02				
Shoulder straps		C069DA00	-	-	-	
Seat		S069AA00	-	-	-	
Adjustable attachment bridge		C69R	-	-	-	
Attachment bridge	40 cm	C069CA00	-	-	-	
	45 cm	C069CA01				
	50 cm	C069CA02				
Rescue harnesses						
FALCON		FALCON	CE EN 358 EN 813 EAC	-	-	
		C038AA00				
		C038AA01 / C038AA03 (1) C038AA02 / C038AA04 (1)				
		FALCON ASCENT	C038BA00 C038BA01	CE EN 358 EN 813 EAC	-	-
		FALCON MOUNTAIN	C038CA00 C038CA01	CE EN 358, EN 813 EN 12277 type C EAC	-	-
		CHEST'AIR		C98A	CE EN 361 (3) EN 12277 type D	-
Litter and evacuation triangles						
NEST		S061AA00	-	-	-	
STEF		S059AA0 / S059BA00 (5)	-	-	-	
Bag for NEST litter		S062AA00	-	-	-	
PITAGOR		C80 BR	CE EN 1497 - EN 1498	-	-	
BERMUDE		C80	EN 1498	-	-	
Harness accessories						
LIFT		L54	CE	-	-	
CARITool		P042AA00	-	-	-	
		P042AA01				
TOOLBAG		S047AA00	-	-	-	
		S47Y S				
		S47Y L				
RING OPEN		P28	CE EN 362	-	-	
Shackles		C087AA00	-	-	-	
Lanyard connector holder		C088AA00 (yellow)	-	-	-	
		C088AA01 (black)				
BOLTBAG		C11 A	-	-	-	
PORTO		C33	-	-	-	



Dorsal	Attachment points				Sizes				Weight
	Sternal	Ventral	Hip	Size	Waistbelt	Leg loops	Height		
●	●	●	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	1855 g / 2480 g (4)	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1900 g / 2530 g (4)	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1980 g / 2620 g (4)	
-	●	-	-	-	-	-	160 - 200 cm	515 g	
-	●	-	-	-	-	-	160 - 200 cm	600 g	
-	-	●	●	0	65 - 80 cm	44 - 59 cm	160 - 180 cm	1025 g	
				1	70 - 93 cm	47 - 62 cm	165 - 185 cm	1040 g	
				2	83 - 120 cm	50 - 65 cm	175 - 200 cm	1055 g	
-	-	-	-	-	-	-	-	1060 g	
-	-	●	●	0	65 - 80 cm	44 - 59 cm	-	1580 g	
				1	70 - 93 cm	47 - 62 cm	-	1630 g	
				2	83 - 120 cm	50 - 65 cm	-	1700 g	
-	-	-	●	0	65 - 80 cm	44 - 59 cm	-	1480 g	
				1	70 - 93 cm	47 - 62 cm	-	1530 g	
				2	83 - 120 cm	50 - 65 cm	-	1600 g	
-	-	-	-	-	-	-	-	190 g	
-	-	-	-	-	-	-	-	920 g	
-	-	-	-	-	-	-	-	220 g	
-	-	-	-	S	-	-	-	65 g	
				M				70 g	
				L				75 g	
-	-	●	●	0	65 - 80 cm	44 - 59 cm	-	840 g	
				1	70 - 93 cm	47 - 62 cm	-	855 g	
				2	83 - 120 cm	50 - 65 cm	-	885 g	
-	-	●	●	1	70 - 93 cm	47 - 62 cm	-	765 g	
				2	83 - 120 cm	50 - 65 cm	-	795 g	
-	-	●	●	1	70 - 93 cm	47 - 62 cm	-	810 g	
				2	83 - 120 cm	50 - 65 cm	-	840 g	
-	●	-	-	-	-	-	160 - 200 cm	495 g	
-	-	-	-	-	-	-	-	13100 g	
-	-	-	-	-	-	-	-	640 g / 620 g (5)	
-	-	-	-	-	-	-	-	1860 g	
-	-	-	-	-	-	-	-	1290 g	
-	-	-	-	-	-	-	-	795 g	
-	-	-	-	-	-	-	-	520 g	
				S				35 g	
-	-	-	-	L	-	-	-	75 g	
				XS (1.3 l)				105 g	
				S (2.5 l)				170 g	
-	-	-	-	L (5 l)	-	-	-	240 g	
				-				70 g	
-	-	-	-	-	-	-	-	20 g	
-	-	-	-	-	-	-	-	45 g	
-	-	-	-	-	-	-	-	170 g	
-	-	-	-	-	-	-	-	18 g	

(1) black harness, (2) with ASTRO SIT FAST, AVAO SIT, AVAO SIT FAST, FALCON, FALCON ASCENT, SEQUOIA SRT harnesses, (3) with FALCON, FALCON MOUNTAIN, AVAO SIT, SEQUOIA SRT harnesses, (4) international version, (5) for NEST litter before 2020.

