



# PROFESSIONAL

CATALOGUE 2017|18

EN



## innovation

It is not necessary to talk too much about the innovation as it is inherently present in all our products.



## environment

We bear the responsibility to keep our planet green and to preserve its riches for our kids. SINGING ROCK is member of the European Outdoor Conservation Association.



## involvement

We are climbers and we love climbing. Enthusiasm drives our innovations and improvements.



## performance

Do your job efficiently, safely and comfortably – we are here to give you the tools to do this. Enjoy your work.



## tradition & stability

We draw on 25 years of our own experience and we are proudly inspired by vast knowledge and experience of climbers from our region.



## efficiency

We run lean management system with horizontal organization structure. Thanks to this we are able to react immediately and customize our products and services for your specific needs.





## technology

Appropriate technology and tools are essential to produce first-class products.



## testing

Meeting minimum requirements is obvious – but we go further by performing tests to simulate all kind of usage as the basis for further development.



## knowledge & experience

Our products and techniques are thoroughly validated in our own testing and training centers. We are pleased to share all this with our customers – you get a complex solution.



SINGING ROCK was founded in 1992. During 25 years of its existence, Singing Rock has established itself as a professional and innovative producer and supplier of personal fall protective equipment. Nowadays SINGING ROCK is one of the world leaders on the market of professional protective equipment for work at height, military and rescue. All of the high-performance and innovative products are developed and produced in Czech Republic, Europe. Our products are certified and fully comply with the international industrial safety standards. Our products are innovative, modern and easy to use, with great strength and with maximum comfort.

[www.singingrock.com](http://www.singingrock.com)







**ROCK  
LOCK**

## ROCK & LOCK

### patented smart buckle system

Easy to lock and open: Only a small amount of finger pressure is needed to lock and to open.

- Fast lace-through: Make the loop, put it through the buckle frame, hook the loop on the cross bar and tighten. It's as easy as that.
- Smart function: Rock&Lock allows you to put on your harness very quickly
- Double safety: Webbing cannot slip through Rock&Lock due to a safety loop at the end of the webbing Spontaneous opening of Rock&Lock is virtually impossible.
- Lightweight and extra strong.
- Excellent operation in all-season conditions: Operation guaranteed even when webbing is wet or frozen.



## EASY-LOCK BUCKLE

### smooth adjusting

Unique buckle with a sliding captive bar matches strict American standards (ANSI, CSA). Its minimum strength is 17.2 kN. No webbing slippage in a buckle. Its construction ensures longtime operation and efficiency (easy releasing and fastening even when dirty and tough webbing). Corrosion resistance is tested by spraying in a salty chamber for a period of 48 hours.



## SPEED BUCKLE

### 1 second buckle

SINGING ROCK SPEED buckle is the side quick release buckle.

- Easy operation
- Durable and adjustable
- Made from steel
- Matches strict American standard ANSI
- Impossible opening under the loading
- Impossible to lock when the strap is twisted
- Strap width up to 45 mm
- Black coated
- Strength 18 kN



SINGING ROCK produce harnesses which are very comfortable, simple to use and suitable for every working situation for workers at height. Thanks to the innovated technologies and smart solutions, SINGING ROCK can offer a full range of safety harnesses covering all areas of working applications. SINGING ROCK harnesses are exclusively manufactured in Czech Republic.



ROPE ACCESS  
FALL ARREST  
FULL BODY  
CHEST  
SIT HARNESSSES  
ARBORICULTURE  
RESCUE  
ACCESSORIES  
**HARNESSES**









SINGING ROCK HARNESSES INNOVATIONS

SUPER COMFORTABLE WIDE WAIST BELT PADDING PROVIDES MAXIMUM COMFORT WHEN WORKING AT HEIGHTS

CHEST ASCENDER SMART FIXATION SYSTEM WITH PLASTIC COVER ON OZONE CARABINER INCREASING THE DURABILITY OF THE WEBBING

ANATOMIC LEG LOOPS AND WAIST BELT ARE COVERED WITH STRONG PES FABRIC PROVIDING HIGH ABRASION RESISTANCE

SHOULDER CONNECTION FOR CONFINED SPACE RESCUE

FIXED WEBBING IN A REAR ADJUSTMENT BUCKLE TO AVOID WEBBING ROTATION

REFLECTING STRAP AND PRINTING ON THE WAIST BELT INCREASE THE VISIBILITY IN DARK WORKING CONDITIONS

STRENGTH WEBBING ON THE WAIST BELT IS STITCHED IN THE WAY THAT AT NORMAL WORKING SITUATION THE BODY WEIGHT IS ABSORBED BY THE PADDING ONLY

4 ERGONOMIC BRAIDED GEAR LOOPS WITH A BEARING CAPACITY 15 kg

ADDITIONAL LOOPS ON THE LEG LOOPS AND WAIST BELT WITH A BEARING CAPACITY OF 5kg FOR BETTER GEAR ORIENTATION

ALL STEEL COMPONENTS FINISHED WITH ED COATING FOR HIGHER CORROSION RESISTANCE

These icons will help you to choose the proper harness regarding the most common and most suitable use:



rope  
access



rescue



work  
restraint



fall  
arrest



intervention



rope park



tree  
care





## EXPERT 3D / SPEED

W0079DR

black version – W0079DB



**Fully adjustable harness for a rope access with wide padded waist belt, leg loops and shoulder straps. Suitable also for work positioning, fall arrest and work restraint situations.**

- shoulder straps can be totally removed and the harness can be used as a sit harness only
- super comfortable wide waist belt padding provides maximum comfort when working at height
- strength webbing on the waist belt is stitched in the way that at normal working situation the body weight is absorbed by the padding only
- reflective strap and printing on the waist belt and shoulder padding increase the visibility in dark working conditions
- anatomic leg loops and waist belt are covered with strong PES fabric providing high abrasion resistance
- SPEED buckles enable fluent and fast adjustment to fit a user's body
- OZONE triple lock carabiner used for connection of shoulder straps to the main point to increase the space for chest ascender attachment
- chest ascender smart fixation system with plastic cover on the Ozone carabiner increasing the durability of the webbing
- shoulder straps and leg loops are independently adjustable
- narrowed padding and webbing on the shoulder straps in a neck area enhance a comfortable work
- front and back attachment points for fall-arrest according to EN 361 marked with additional "A" marking
- flat rear attachment point does not bear on users back when carrying backpack or breathing apparatus
- front lower attachment point for descender placement or work positioning according to EN 813
- 2 side attachment points for work positioning according to EN 358
- heavier items up to 35 kg can be attached to the webbing on the waist belt
- all steel components finished with E coating for higher corrosion resistance
- 4 ergonomic braided gear loops with a bearing capacity 5 kg
- additional loops on the waist belt and leg loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- wide elastic band on left shoulder strap for the gear attachment (f.e. transmitter)
- slots on the waist belt for PORTER tool holder to carry your industrial tools
- identification and methodical label

Size: S, M/L, XL

Weight: (M/L) 2415 g • 85.19 oz

CE 1019 • EN 358 • EN 813 • EN 361 • EN 1497





## EXPERT 3D / STANDARD

W0078DR  
black version – W0078DB



- standard easy-lock buckles enable smooth adjustment
- super comfortable wide waist belt padding provides maximum comfort even during prolonged suspension

Size: S, M/L, XL

Weight: (M/L) 2110 g • 74.43 oz

CE 1019 • EN 358 • EN 813 • EN 361 • EN 1497



## EXPERT 3D / SPEED STEEL

W0080DR



- the harness is made in accordance with strict American standards (NFPA, ANSI)

Size: S, M/L, XL

Weight: (M/L) 2685 g • 94.71 oz

CE 1019 • EN 358 • EN 813 • EN 361 • EN 1497

NFPA Class III • ANSI Z359.1





## PROFI WORKER 3D / SPEED

W0082DR

black version – W0082DB



**Fully adjustable harness for a rope access with wide padded waist belt, leg loops and shoulder straps. Suitable also for work positioning, fall arrest and work restraint situation.**

- super comfortable wide waist belt padding provides maximum comfort when working at height
- strength webbing on the waist belt is stitched in the way that at normal working situation the body weight is absorbed by the padding only
- reflective strap and printing on the waist belt and shoulder padding increase the visibility in dark working conditions
- anatomic leg loops and waist belt are covered with strong PES fabric providing high abrasion resistance
- SPEED buckles enable fluent and fast adjustment to fit a user's body
- narrowed padding and webbing on the shoulder straps in a neck area enhance a comfortable work
- leg loops connection straps made from durable PES webbing for better abrasion resistance
- front and back attachment points for fall-arrest according to EN 361 marked with additional „A“ marking
- flat rear attachment point does not bear on users back when carrying backpack or breathing apparatus
- front lower attachment point for descender placement or work positioning according to EN 813
- 2 side attachment points for work positioning according to EN 358
- heavier items up to 35 kg can be attached to the webbing on the waist belt
- 4 ergonomic braided gear loops with a bearing capacity 5 kg
- additional loops on the waist belt and leg loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- wide elastic band on left shoulder strap for the gear attachment (f.e. transmitter)
- slots on the waist belt for PORTER tool holder to carry your industrial tools
- identification and methodical label

Size: S, M/L, XL •

Weight: (M/L) 2075 g • 73.19 oz

CE 1019 • EN 358 • EN 813 • EN 361 • EN 1497





## PROFI WORKER 3D / STANDARD

W0081DR  
black version – W0081DB

**Fully adjustable harness for a rope access with wide padded waist belt, leg loops and shoulder straps. Also suitable for work positioning, descent, ascent and rescue situations**

- standard easy-lock buckles enable smooth adjustment
- super comfortable wide waist belt padding provides maximum comfort even during prolonged suspension

Size: S, M/L, XL •  
Weight: (M/L) 1777 g • 62.68 oz  
CE 1019 • EN 358 • EN 813 • EN 361 • EN 1497



## PROFI WORKER III

speed – W0082BR  
speed black version – W0082BB  
standard – W0081BR  
standard black version – W0081BB



**Fully adjustable harness for a rope access with padded waist belt, leg loops and shoulder straps. Suitable for work positioning, fall arrest and work restraint situation.**

- anatomic waist belt, leg loops and shoulder straps padding insure enough comfort
- narrowed padding and webbing on the shoulder straps in a neck area enhance a comfortable work
- leg loops connection straps made from durable PES webbing for better abrasion resistance
- front and back attachment points for fall-arrest according to EN 361 marked with additional „A“ marking
- front lower attachment point for descender placement or work positioning according to EN 813
- 2 side attachment points for work positioning according to EN 358
- 2 braided gear loops with a bearing capacity of 5 kg
- additional loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- identification and methodical label

Size: S, M/L, XL

SPEED:

Weight: (M/L) 1960 g (±15 g) • 69.14 oz (±0.5 oz)  
CE 1019 • EN 358 • EN 813 • EN 361

STANDARD:

Weight: (M/L) 1650 g (±15 g) • 58.20 oz (±0.5 oz)  
CE 1019 • EN 358 • EN 813 • EN 361





## EXPERT III

standard – W0078BR  
standard black version – W0078BB

speed – W0079BR  
speed black version – W0079BB  
speed steel – W0080BR



**Fully adjustable harness for a rope access with padded waist belt, leg loops and shoulder straps. Suitable for work positioning, fall arrest and work restraint situations. The Expert III harness is modular to fit the user's body.**

- shoulder straps can be totally removed and the harness can be used as a sit harness only
- OZONE triple lock used for connection of shoulder straps to the main point to increase the space for THE chest ascender attachment
- chest ascender smart fixation system with plastic cover on the Ozone carabiner increasing the durability of the webbing
- anatomic waist belt, leg loops and shoulder straps padding insure enough comfort
- shoulders straps and leg loops are independently adjustable
- narrowed padding and webbing on the shoulder straps in a neck area enhance a comfortable work
- front and back attachment points for fall-arrest according to EN 361 marked with additional "A" marking
- front lower attachment point for descender placement or work positioning according to EN 813
- 2 side attachment points for work positioning according to EN 358
- all steel components finished with E coating for higher corrosion resistance
- 2 braided gear loops with a bearing capacity of 5 kg
- additional loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- identification and methodical label

Size: S, M/L, XL

## SPEED:

Weight: (M/L) 2450 g (± 15 g) • 86.42 oz (±0,5 oz)  
CE 1019 • EN 358 • EN 813 • EN 361

## SPEED STEEL:

Weight: (M/L) 2665 g (± 15 g) • 94 oz (± 0.5 oz)  
CE 1019 • EN 358 • EN 813 • EN 361  
NFPA Class III • ANSI Z359.1

## STANDARD:

Weight: (M/L) 2155 g (± 15 g) • 76.02 oz (±0,5 oz)  
CE 1019 • EN 358 • EN 813 • EN 361





## TECHNIC STANDARD

W0063BB

**Fully adjustable work positioning and fall arrest harness with easy-lock buckles.**

- an attachment point for work in hanging position, rappelling according to EN 813
- steel positioning points according to EN 358 are placed symmetrically. Steel D-rings are flat and settled on a padding
- easy-lock buckles enable fluent adjustment to fit the user's body
- 2 braided gear loops with a bearing capacity of 5 kg
- slots designed for a secure hanging of expensive equipment (such as power saw, drilling machine,...)
- identification and methodical label
- slide buckle intended for chest ascender fastening
- chest attachment point according to EN 361
- dorsal attachment point according to EN 361

Size: S, M/L, XL

Weight: (M/L) 1620 g (±15 g) • 57.14 oz (±0.5 oz)

CE 1019 • EN 358 • EN 813 • EN 361



## TECHNIC SPEED STEEL

W0064BB

**Fully adjustable full body harness for work positioning and fall arrest with the steel components and SPEED buckles.**

- innovated steel SPEED buckles enable fluent and fast adjustment to fit the user's body
- the harness is made in an accordance with strict American standards (NFPA, ANSI)
- steel positioning points according to EN 358 are placed symmetrically. Steel D-rings are flat and settled on a padding

Size: S, M/L, XL

Weight: (M/L) 2450 g (±15 g) • 86.42 oz (±0.5 oz)

CE 1019 • EN 358 • EN 813 • EN 361

NFPA Class III • ANSI Z359.1





## ANTISHOCK I

W0086B0



**Full body harness for rope access, work positioning, fall arrest. The Antishock I is the perfect solution for work at height in explosive atmospheres. It is particularly suitable for energetics, petrochemical and mining environments.**

- all steel and light alloy parts are over molded with colored plastic and antistatic finishing
- webbing on the waist belt
- shoulder attachment points for confined space rescue according to EN 1497
- double buckles made in accordance with strict American standards (ANSI, NFPA). Its minimum strength is 17.8 kN.
- front and back fall arrest attachment points according to EN 361 meets American standards (ANSI, NFPA). Marked with additional „A“ marking
- 2 side attachment points for work positioning according to EN 358
- Front lower attachment point for descender placement or work positioning according to EN 813

- anatomic waist belt, leg loops and shoulder straps padding ensure enough comfort
- narrowed padding and webbing on the shoulder straps in a neck area enhance a comfortable work
- chest ascender smart fixation system
- chest ascender maillon slot (recommended maillon big D, EN 362)
- 2 large braided gear loops with a bearing capacity of 5 kg
- identification and methodical label. To prolong its lifetime is advised to hide this label under the webbing.
- name tag for easier recognition of the harness

Size: S, M/L, XL

Weight (M/L): 2100g • 74.1 oz

CE 1019 • EN 358 • EN 813 • EN 361 • EN 1497

ANSI Z359.1 • NFPA Class III



## SEAMASTER 2 STAINLESS STEEL

W0074



**Fully adjustable harness for a rope access with padded waist belt, leg loops and shoulder straps. Suitable for work positioning, fall arrest and work restraint situation. This harness is specially intended in a cooperation with Norwegian off-shore company for the workers at the oil platforms.**

- stainless steel components makes the harness ultimate choice for off-shore operations.
- padded waist belt, shoulders and leg loops
- narrowed padding and webbing on the shoulder straps in a neck area enhance a comfortable work
- front attachment points for fall-arrest according to EN 361
- front lower attachment point for descender placement or work positioning according to EN 813
- side attachment points for work positioning according to EN 358
- 3 braided gear loops with a bearing capacity of 5 kg
- additional loops with a bearing capacity of 5 kg offer additional space for the gear

and better gear orientation.

- the leg loops construction ensure enough comfort in bark area
- special construction of central loop provides excellent comfort when hanging in the harness
- flat rear attachment point does not bear on users back when carrying backpack or breathing apparatus
- easy fixing of cam clean ascender in vertical position is provided by stitched strap between lower front attachment point and front tie-in point

Size: S, M/L, XL

Weight: (M/L) 1700 g (±15g) • 60 oz

CE 1019 • EN 358 • EN 813 • EN 361





## TARZAN

W0050

**Fully adjustable full body harness intended for rope courses and adventure parks.**

- attachment point for work in hanging position, rappelling according to EN 813.
- anatomic waist belt and leg loops padding
- speed buckle connecting shoulder straps with waist belt. Increased comfort when putting the harness on.
- buckle with a captive bar matches strict American standards (ANSI). Its minimum strength is 17.2 kN. No webbing slippage in a buckle. Its construction ensures longtime operation and efficiency (easy releasing and fastening even when dirty and tough webbing).
- Shoulder webbing has different colour for easy manipulation
- Left leg loops with red colour inside helps to put the harness on
- Different colour of rear plate for each size.
- Dorsal attachment point according EN 361. Steel D-ring with a bearing capacity of 15 kN. This D-ring is flat and settled on a

padding.

- Webbing strap stitched in the buckle simplify handling with buckle

Size: XS – S, M – XL

Weight: 1530 g (M – XL) ±15 g • 54 oz

CE 1019 • EN 813 • EN 361



## TARZAN LIGHT

C5036BR00

**Fully adjustable full body harness intended for rope courses and adventure parks.**

- front attachment point for belaying and rappelling according to EN 12277 type C
- easy to put on
- anatomic waist belt and leg loops
- speed buckle enables to put on the harness easily
- buckle with a captive bar matches strict American standards (ANSI). No webbing slippage in a buckle. Its construction ensures longtime operation and efficiency (easy releasing and fastening even when dirty and tough webbing).

Size: UNI

Weight: 990 g ± 15 g • 34.9 oz

CE 1019 • EN 12277





## ROPEDANCER II

W0087BY



**Fully adjustable full body harness with various attachment points intended for rope courses and adventure parks**

- easy to put on and off,
- easy to adjust, thanks to 5 double buckles and 1 SPEED buckle
- bright color front lower attachment point for rappelling and belaying according to EN 813
- waist belt in different (black) color for better orientation within the harness
- front and rear attachment points according to EN 361 for fall-arrest
- 2 gear loops with a bearing capacity of 5 kg
- max. rated load of the harness 150 kg
- different color of the rear triangle for each size
- suitable also for working at height

Weight: (S/M/L) 1195 g • 42.15 oz  
€ 1019 • EN 361 • EN 813



## BODY II STANDARD

W0068BR

black version – W0068BB



**Fully adjustable fall-arrest harness with various attachment points.**

- two fall-arrest attachment points according to EN 361
- harness is compact and light-weight, thus suitable for horizontal or inclined space. It also allows temporary hanging in.
- intended for working in places with the risk of fall
- flat rear attachment point does not affect comfort when wearing the backpack or breathing apparatus
- shoulder and leg loops webbings are colour distinguished for easy manipulation
- webbing stitched in the buckle simplify handling
- two gear loops with max. load 5 kg
- easy to adjust, easy to put on and off
- suitable also for rope courses and adventure parks
- different colour of rear triangle for each size (S/M/L- grey, XL/XXL- yellow)
- 2 sizes fit whole size range from 150 to 210 cm

size: S/M/L, XL/XXL

Weight: 1025 g / 1090 g • 36.16 oz / 38.45 oz  
€ 1019 • EN 361





## BODY II SPEED

W0071BY  
black version – W0071BB**Fully adjustable fall-arrest harness with various attachment points.**

- version with Speed buckles on the leg loops enables easy putting the harness on
- easy to adjust, easy to put on and off
- webbing stitched in the buckle simplify handling

Size: S/M/L, XL/XXL

Weight: 1185 g / 1240 g • 41.8 oz / 43.74 oz

CE 1019 • EN 361



## BASIC

W0089SY

**NEW****Fully adjustable fall-arrest harness with a rear dorsal and front sternum attachment points.**

- dorsal rear D-ring and front textile twin loops attachment points according to EN 361
- two gear loops with max load of 5 kg
- easy to adjust thanks to 4 double buckles, easy to put on and off
- 2 sizes fit whole size range from 150 to 210 cm
- suitable for use with a range of accessories like Pole, Harness Padding, Suspension Trauma Strap

Size: S/M/L, XL

Weight: 830 g • 29.28 oz /

885 g • 31 oz

CE 1019 • EN 361





## BASIC LIGHT

W0090SY

**NEW****Fully adjustable fall-arrest harness with a rear dorsal attachment point.**

- dorsal rear D-ring attachment points according to EN 361
- two gear loops with max load of 5 kg
- easy to adjust thanks to 4 double buckles, easy to put on and off
- 2 sizes fit whole size range from 150 to 210 cm
- suitable for use with a range of accessories like Pole, Harness Padding, Suspension Trauma Strap

Size: S/M/L, XL/XXL

Weight: 760 g • 26.81 oz / 810 g • 28.5 oz

€ 1019 • EN 361



Singing Rock also offers favorable combinations of the fall-arrest harnesses and range of accessories:

Harness / Accessory	w/o accessories	w/ Padding	w/pole	w/ Padding and Pole
Basic Light	W0089SY	M0023DX	M0023PX	M0023XX
Basic	W0090SY	M0024DX	M0024PX	M0024PX
Body II standard	W0068BR	M0025DX	M0025PX	M0025XX
Body II speed	W0071BY	M0026DX	M0026PX	M0026XX

## POLE II

W0073

**Belt for work positioning and prevention against the falls from a height.**

- anatomic padded waist belt ensures minimal bruising and enough comfort in the waist area
- two side "D" ring for work positioning according to EN 358, tested for 15 kN strength
- two braided gear loops with a bearing capacity of 5 kg
- slots designed for a secure hanging of expensive equipment (such as power saw, drilling machine,...) with a capacity of 1 kN
- speed buckles allow easy manipulation when dressing up and undressing

**Recommended use:**

- for work positioning and prevention of falls from a height
- possible combination with fullbody fall-arrest harness BODY II

Size: S, M/L, XL

Weight: (M/L) 595 g • 21 oz

€ 1019 • EN 358



## HARNESS PADDING

W0092BB

**NEW**

**Removable shoulder and leg padding intended for Body II, Basic and Basic Light harnesses.**

- durable and soft material spreads the tension to a bigger surface to increase the conform of wearing the harness
- reduces the effects of suspension trauma after a fall

- integrated loops on shoulder padding for hooks storage
- removable and washable padding

Size: S/M/L, XL/XXL

Weight: 236 g • 8.33 oz (S/M/L)



## CONNECTION STRAP

W2020X080

**NEW**

**Extremely light and durable sling intended mainly for connection between rear dorsal attachment point and self-retractable lifelines.**

- allows an easy self-connection to the rear EN 361 D-ring
- made out of dyneema
- 15 cm and 5 cm long loops are on both ends of a sling
- big loop is overturned to make a Girth Hitch knot over a D ring

Length: 80 cm

Width: 13 mm

Weight: 40 g • 1.41 oz

CE 1019

EN 354 and EN 795 B

## EX-TEN III

W0083



**Support of the waist belt to increase comfort at a back area of worker at height**

- 7 mm thick padding. Foam with close pore does not absorb a water
- high density polyethylene creates support of the back and comfortable work
- lace webbing made from polyester with high abrasion resistance

Size: S, M/L, XL

Weight: (M/L) 460 g • 16.23 oz





## SIT WORKER 3D / SPEED

W0076DR

black version – W0076DB



**Fully adjustable sit harness for work positioning. The new design of this sit harness is characterized by perfect functionality, great comfort and lightness. Intended for all vertical activities without any risk of the fall.**

- super comfortable wide waist belt padding provides maximum comfort when working at height
- strength webbing on the waist belt is stitched in the way that at normal working situation the body weight is absorbed by the padding only
- anatomic leg loops and waist belt are covered with strong PES fabric providing high abrasion resistance
- SPEED buckles enable fluent and fast adjustment to fit a user's body
- side attachment points for work positioning according to EN 358
- front attachment point for descender placement or work positioning according to EN 813

- reflective strap and printing on the waist belt increase the visibility in dark working conditions
- 4 ergonomic braided gear loops with a bearing capacity 15 kg
- additional loops on the waist belt and leg loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- slots on the waist belt for PORTER tool holder to carry your industrial tools

Size: S, M/L, XL

Weight: (M/L) 1515 g • 53.44 oz

CE 1019 • EN 358 • EN 813



## SIT WORKER 3D / STANDARD

W0075DR

black version – W0075DB



**Fully adjustable sit harness with easy-lock buckles for work positioning.**

- thermo finished webbing in a waist belt for easy handling and higher durability
- all steel components finished with E coating for higher corrosion resistance
- super comfortable wide waist belt padding provides maximum comfort when working at height
- side attachment points for work positioning according to EN 358

Size: S, M/L, XL

Weight: (M/L) 1195 g • 42.15 oz

CE 1019 • EN 358 • EN 813



## SIT WORKER 3D / SPEED STEEL

W0077DR



### Fully adjustable sit harness for work positioning with the stainless steel components and SPEED buckles.

- SPEED buckles enable fluent and fast adjustment to fit a user's body
- the harness is made in accordance with a strict American standard (NFPA)
- 4 ergonomic braided gear loops with a bearing capacity 15 kg
- super comfortable wide waist belt padding provides maximum comfort when working at height
- side attachment points for work positioning according to EN 358

Size: S, M/L, XL

Weight: (M/L) 1650 g • 58.2 oz

CE 1019 • EN 358 • EN 813

NFPA Class II



## URBAN II

black version – W0022BB



### Sit harness for work positioning

- anatomic waist belt and leg loops padding perfectly fits to man anatomy
- textile attachment point for work in hanging position, rappelling according to EN 813.
- textile positioning points according to EN 358 are placed symmetrically, tested for 15 kN strength.
- 2 braided gear loops with a bearing capacity of 10 kg provide enough space for 10 pieces of HMS carabiners
- additional loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- slots designed for a secure hanging of expensive equipment (such as power saw, drilling machine,...)
- identification and methodical label. To prolong its lifetime is advised to hide this label under the webbing.

Size: S, M/L, XL

Weight: M/L 850 g (±15g) • 30 oz

CE 1019 • EN 358 • EN 813







## STRIKE

W0021BB

**Working sit harness intended for special forces.**

- padded waist belt (detachable) and leg loops
- front attachment point (made of textile) for descender placement
- 2 big gear loops
- the leg loops construction ensure enough comfort in bark area
- innovated SPEED buckles enable fluent and fast adjustment to fit a user's body
- freedom of movement

Size: S, M, L, XL  
 Weight: 580g (M) • 20.5 oz  
 CE 1019 • EN 813



## SIT WORKER III

standard – W0075BR  
 standard black version – W0075BB

speed – W0076BR  
 speed black version – W0076BB  
 speed steel – W0077BR

**Fully adjustable sit harness with perfect functionality, comfort and lightness. Intended for all vertical activities without any risk of the fall.**

- side attachment points for work positioning according to EN 358
- front attachment point for descender placement or work positioning according to EN 813
- thermo finished webbing in a waist belt for easy handling and higher durability
- all steel components finished with E coating for higher corrosion resistance
- 2 braided gear loops with a bearing capacity of 5 kg
- additional loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation

Size: S, M/L, XL

**SPEED:**

Weight: (M/L) 1400 g (±15 g)  
 • 49.38 oz (±0.5 oz)  
 CE 1019 • EN 358 • EN 813

**SPEED STEEL:**

Weight: 1530 g (±15 g) • 53.97 oz  
 CE 1019 • EN 358 • EN 813  
 NFPA Class II

**STANDARD:**

Weight: 1100 g (±15 g) • 38.80 oz  
 CE 1019 • EN 358 • EN 813



## FRANKLIN

W0010YB  
black version – W0010BB**Work positioning seat provides more comfort when hanging in the harness.**

- intended for use with our fall arrest or work positioning harnesses
- easy to adjust with Rock&lock buckles. Attachment straps are shorter to fit better to thinner users
- inside padding is made of aluminium which allows long term use without any deformation
- wider sitting area ensures good stability and allows comfortable suspension as well as standing at work positioning
- suspension straps do not press on your thighs
- three D-rings (bearing capacity 50 kg) for bucket or other gear suspension

Max. load of seat: 150 kg  
Weight: 1615 g • 57 oz



## ALADIN

C5056

**Chest harness**

- designed to be used together with a sit harness
- optimising body position while hanging or falling
- made from lightweight wide nylon webbing
- very durable and affordable to all climbers

Must be worn with sit harness.  
Do not use chest harness alone!

Size: UNI  
Weight: 240 g • 8.5 oz  
CE 1019 • EN 12277 •



## RL CHEST

black version – W0200BB

**Fully adjustable chest harness**

Use only in combination with a sit harness!

Size: UNI  
Weight: 600 g • 21.2 oz  
CE 1019



## TIMBER

Timber 3D – W0061DR  
Timber II – W0061BR

Timber 3D



**Work positioning harness presenting a perfect choice for the arborists. Ideal solution for those who spend all day in the tree top.**

- super comfortable wide waist belt and leg loops padding provides maximum comfort when hanging in the harness
- strength webbing on the waist belt is stitched in the way that at normal working situation the body weight is absorbed by the padding only
- removable and exchangeable bridge connecting the leg loops
- adjustable sliding O-ring enables you to take safe, comfortable and effective work position
- side D-rings for work positioning EN 358 or gear attachment
- anatomic leg loops and waist belt are covered with strong PES fabric providing high abrasion resistance
- 4 gear loops with a bearing capacity of 5 kg provide enough space for your gear.

- rear haul loop with a bearing capacity of 10 kg for the chain saw or other heavy gear
- additional loops at the waist belt and leg loops with a bearing capacity of 5 kg offer additional space for the gear and better gear orientation
- heavier items up to 35 kg can be attached to the webbing on the waist belt
- SPEED buckles enable fluent and fast adjustment to fit a user's body
- rear upper loop for the shoulder straps connection (PULLER)
- rear adjustable loop at the waist belt allows to attach First Aid Kit
- slots at the waist belt for PORTER tool holder to carry your industrial tools

Size: M/L, XL

Weight: 1860 g / 1940 g • 65.61 oz / 68.43 oz  
CE 1019 • EN 358 • EN 813

Timber II



Tree worker, Vrchlabí, Czech republic Photo: Lukáš Neklan



## TREEMOUSE

W9500Y

**Arboristic throwing bag for tree climbing**

- suitable for installation of the anchor point in a treetop using cambium saver (JINGLE)
- used for dropping small branches down from the tree top
- suitable for installation of the working rope to the places with complicated access

material: high endurance  
synthetic fabric PES  
steel welded ring of 3 cm in diameter  
polyamid webbing  
colour: yellow, blue/yellow, blue

TREEMOUSE 300  
300 g/yellow  
code: W9500Y300

TREEMOUSE 350  
350 g/blue/yellow  
code: W9500Y350

TREEMOUSE 400  
400 g/blue  
code: W9500Y400



## JINGLE II

steel ring – W1040R  
ALU ring – W1041R  
without ring – W1042R



**Cambium saver intended for use in tree climbing as anchor device and belay anchor. The different size of the rings enables easy and quick installing and removing of the sling from the ground. As well suitable in industry as an anchor device.**

- length of the slings with "O" ring – 100, 120, 150 cm
- strength 25 kN
- inside and outside diameter of "O" rings:  
ALU: big 46/70 mm, small 28/52 mm  
steel: big 58/78, small 38/57

- 3 layers of webbing sewn together
- red colour of webbing for better visibility
- available with aluminium "O" rings or without "O" rings.

CE 1019 • EN 795B



## TIMBER BRIDGE

W0070RR00

**Replacement connecting loop**

Material: polyamide  
Width: 20 mm  
Length: 32.5 cm  
Weight: 37 g



## EVACUATION TRIANGLE SIT II

W8201BY00

**Evacuation triangle for a person to rescue from a chair lift or a cable car.**

- chest plastic buckle for easy putting on the triangle
  - durable steel attachment points
  - easy to put on and take off
  - adjustable crotch webbing
  - made from durable ripstop material
- Only for rescue purposes.

Size: UNI  
EN 1498



## EVACUATION TRIANGLE COMBI II

W8211BY00

**Evacuation triangle with shoulder straps for a person to rescue from a chair lift or a cable car.**

- special shoulder straps for better fixing a person in evacuation triangle
- straps are made from different color for better attachment management
- durable steel attachment points
- easy to put on and take off
- adjustable crotch webbing
- made from durable ripstop material

Only for rescue purposes.

Size: UNI  
CE 1019 • EN 1497 • EN 1498



## LAIKA

W0005YBO9  
black version – W0005BB09

**Dog harness intended for transport of the dog from a helicopter.**

- side light-alloy reinforcements
- easy and quick fastening with velcro
- max. load 150 kg

Size: UNI



## BABY RESCUE BAG

W8220



Rescue bag for the children evacuation.

- designed for rescue transporting of the children (height 40-110 cm, max. weight 25 kg)
- safety fixation by 3 belts with Velcro and with the safety straps led to cross during the transporting.
- inner padding is very comfortable and fully removable and washable
- top cover with full zipper and ventilation hole
- stabilization strap of the top cover to prevent the camber of the cover to the face of the child during the transport by the helicopter
- colored loops for the carabiner fixation and adjusting the position of the bag
- side ventilation holes covered by PVC net
- durable material with the reflection elements
- hygienic inner textile cover included

Size: 80x45x35 cm

Weight: 3300 g

Material:

PVC, PAD, PES,

PES / cotton







CE • EN 1497









Ski lift rescue, Rokytnice nad Jizerou, Czech republic Photo: Jan Zámečník















	type of buckles	black version	code	size	weight M/L [g]	waist [cm/in]	leg loops [cm/in]	height [cm]
<b>EXPERT 3D</b> 	standard	yes	W0078DR02	S	2110	65-80 / 25-31	45-60 / 18-24	150-170
		yes	W0078DR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0078DR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
	speed	yes	W0079DR02	S	2415	65-80 / 25-31	45-60 / 18-24	150-170
		yes	W0079DR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0079DR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
	speed steel	no	W0080DR02	S	2685	65-80 / 25-31	45-60 / 18-24	150-170
		no	W0080DR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		no	W0080DR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
<b>PROFI WORKER 3D</b> 	speed	yes	W0081DR02	S	1777	65-80 / 25-31	45-60 / 18-24	150-170
		yes	W0081DR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0081DR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
	standard	yes	W0082DR02	S	2075	65-80 / 25-31	45-60 / 18-24	150-170
		yes	W0082DR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0082DR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
<b>EXPERT III</b> 	standard	yes	W0078BR02	S	2155	55-80 / 22-31	45-60 / 18-24	150-170
		yes	W0078BR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0078BR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
	speed	yes	W0079BR02	S	2450	55-80 / 22-31	45-60 / 18-24	150-170
		yes	W0079BR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0079BR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
	speed steel	no	W0080BR02	S	2665	55-80 / 22-31	45-60 / 18-24	150-170
		no	W0080BR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		no	W0080BR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
<b>PROFI WORKER III</b> 	standard	yes	W0081BR02	S	1650	55-80 / 22-31	45-60 / 18-24	150-170
		yes	W0081BR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0081BR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
	speed	yes	W0082BR02	S	1960	55-80 / 22-31	45-60 / 18-24	150-170
		yes	W0082BR03	M/L		75-100 / 29-39	50-75 / 19-29	160-180
		yes	W0082BR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
<b>SEAMASTER 2</b> 	stainless steel	no	W0074BR03	M/L	1700	75-100 / 29-39	50-75 / 19-29	160-180
		no	W0074BR05	XL		85-130 / 33-51	50-75 / 19-29	175-205
<b>TECHNIC</b> 	standard	yes	W0063BB02	S	1620	65-80/25-31	45-60/18-24	150-170
			W0063BB03	M/L		75-100/29-39	50-75/20-29	160-180
			W0063BB05	XL		85-130/33-51	50-75/20-29	175-205
	speed steel	yes	W0064BB02	S	2450	65-80/25-31	45-60/18-24	150-170
			W0064BB03	M/L		75-100/29-39	50-75/20-29	160-180
			W0064BB05	XL		85-130/33-51	50-75/20-29	175-205

	type of buckles	black version	code	size	weight M/L [g]	waist [cm/in]	leg loops [cm/in]	height [cm]
<b>ANTISHOCK I</b> 	standard	no	W0086B002	S	2100	55-80/22-31	45-60/18-24	150-170
			W0086B003	M/L		75-100/29-39	50-75/20-29	160-180
			W0086B005	XL		85-130/33-51	50-75/20-29	175-205
<b>ROPEDANCER II</b> 	mix	no	W0087BY01	XS	1195			125-155
			W0087BY03	S/M/L				150-185
			W0087BY05	XL/XXL				180-210
<b>TARZAN</b> 	mix	no	W0050BR02	XS-S	1530	50-80 / 20-31	45-60 / 18-24	145-165
		no	W0050BR05	M-XL		70-130 / 27-51	50-75 / 19-29	160-205
<b>TARZAN LIGHT</b> 	standard	no	C5036BR	UNI	990	60-130/24-51	35-70/14-27	150-200
<b>BASIC</b> 	mix	no	W0089SY03	S/M/L	830			150-185
			W0089SY05	XL/XXL	885			180-210
<b>BASIC LIGHT</b> 	mix	no	W0090SY03	S/M/L	760			150-185
			W0080SY05	XL/XXL	810			180-210



	type of buckles	black version	code	size	weight M/L [g]	waist [cm/in]	leg loops [cm/in]	height [cm]
<b>BODY II</b> 	standard	yes	W0068BR03	S/M/L	1090			150–185
		yes	W0068BR05	XL/XXL				180–210
	speed	yes	W0071BR03	S/M/L	1240			
		yes	W0071BR05	XL/XXL				150–185
<b>ALADIN</b> 	double buckle	yes	C5056	UNI	240			
<b>RL CHEST</b> 	RL buckle	yes	W0200BB	UNI			chest max. 125/49	
<b>SIT WORKER 3D</b> 	standard	yes	W0075DR02	S	1195	65–80 / 25–31	45–60 / 18–24	
		yes	W0075DR03	M/L		75–100 / 29–39	50–75 / 19–29	
		yes	W0075DR05	XL		85–130 / 33–51	50–75 / 19–29	
	speed	yes	W0076DR02	S	1515	65–80 / 25–31	45–60 / 18–24	
		yes	W0076DR03	M/L		75–100 / 29–39	50–75 / 19–29	
		yes	W0076DR05	XL		85–130 / 33–51	50–75 / 19–29	
	speed steel	no	W0077DR02	S	1650	65–80 / 25–31	45–60 / 18–24	
		no	W0077DR03	M/L		75–100 / 29–39	50–75 / 19–29	
		no	W0077DR05	XL		85–130 / 33–51	50–75 / 19–29	
<b>SIT WORKER III</b> 	standard	yes	W0075BR02	S	1100	55–80 / 22–31	45–60 / 18–24	
		yes	W0075BR03	M/L		75–100 / 29–39	50–75 / 19–29	
		yes	W0075BR05	XL		85–130 / 33–51	50–75 / 19–29	
	speed	yes	W0076BR02	S	1400	55–80 / 22–31	45–60 / 18–24	
		yes	W0076BR03	M/L		75–100 / 29–39	50–75 / 19–29	
		yes	W0076BR05	XL		85–130 / 33–51	50–75 / 19–29	
	steel speed	no	W0077BR02	S	1530	55–80 / 22–31	45–60 / 18–24	
		no	W0077BR03	M/L		75–100 / 29–39	50–75 / 19–29	
		no	W0077BR05	XL		85–130 / 33–51	50–75 / 19–29	
<b>URBAN II</b> 	standard	yes	W0022BB02	S	850	65–80 / 25–31	45–60 / 18–24	
		yes	W0022BB03	M/L		75–100 / 29–39	50–75 / 19–29	
		yes	W0022BB05	XL		85–130 / 33–51	50–75 / 19–29	

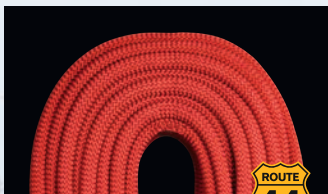


	type of buckles	black version	code	size	weight M/L [g]	waist [cm/in]	leg loops [cm/in]	height [cm]
<b>STRIKE</b> 	speed	yes	W0021BB02	S	580	60-80 / 24-31	50-55 / 20-22	
		yes	W0021BB03	M		70-90 / 28-35	55-60 / 22-24	
		yes	W0021BB04	L		80-100 / 31-39	60-65 / 24-26	
		yes	W0021BB05	XL		90-110 / 35-39	65-70 / 26-28	
<b>TIMBER 3D</b> 	mix	no	W0061DR03	M/L	1860	70-100 / 28-39	50-65 / 20-25	
		no	W0061DR05	XL		85-130 / 33-51	55-75 / 22-29	
<b>TIMBER II</b> 	mix	no	W0061BR03	M/L	1800	70-100 / 28-39	50-65 / 20-25	
		no	W0061BR05	XL		85-130 / 33-51	55-75 / 22-29	
<b>POLE II</b> 	RL buckle	yes	W0073BR02	S	450	65-80 / 25-31		
		yes	W0073BR03	M/L		75-100 / 29-39		
		yes	W0073BR05	XL		85-130 / 33-51		



Mirong Drawbridge, Fuxing Dist, Taiwan Photo: Jimmy Hsing



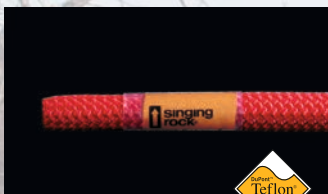


## ROUTE 44

### experience the touch of the future

Route 44 is unique technology invented and patented by Singing Rock. Route 44 technology allows blending of properties that were considered impossible before. Rope braided by using Route 44 technology is more compact, softer and above all it is more durable than conventional rope.

All that is achieved by making no compromises in using correct sheath thickness, which is round-braided by 44 carriers. These features combine to give you better rope..



## TEFLON® DUPONT®

Selected SINGING ROPES are produced with a DuPont™ TEFLON® fabric protector license. Ropes protected by a TEFLON® layer have extraordinary water and abrasion resistance. The TEFLON® layer also effectively prevents the intrusion of dust particles into the rope structure and thus increases its lifespan.



## STITCHED EYE

Selected SINGING ROCK static ropes which are marked with Stitched eye icon are possible to produce with one or two stitched eyes at the end of the rope.





STATIC  
DYNAMIC  
SPECIAL  
SPELEO  
CORDS  
ACCESSORIES  
**ROPES**







## STATIC ROPES

Excellent quality static ropes intended for rope access, rescue or manipulation with objects. Static ropes meet the highest requirements for workers at height, firemen, rescuers and other professionals.

- Pack 30, 40, 50, 60, 70, 80, 100 m coil, 100, 200 m spool or the length on customer's request

## ULTRASONIC

**ULTRASONIC ending is an excellent way of rope ending.**

All SINGING ROCK ropes are ended by a unique technology ULTRASONIC.

The load-bearing core and the protective sheath are joined into a compact unit in the last 15 mm of the rope which eliminates the sheath slippage.

## STITCHED EYE



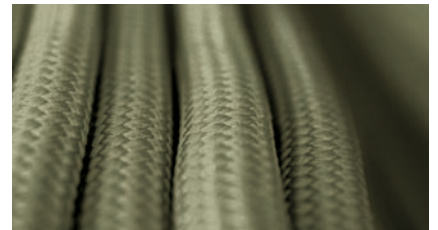
All SINGING ROCK ropes which are marked with Stitched eye icon are possible to be produced with one or two stitched eyes at the end of the rope.

## STATIC R44 10.5



L0430WR	white
L0430RR	red
L0430BB	black
L0430KK	khaki

CE 1019 • EN 1891  
NFPA

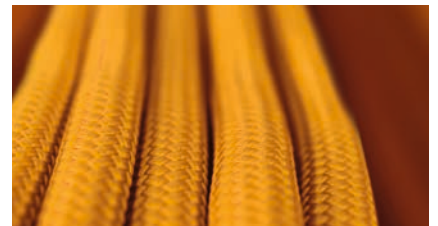


## STATIC R44 11.0



L0450WG	white
L0450RR	red
L0450BB	black
L0450OO	orange

CE 1019 • EN 1891  
NFPA

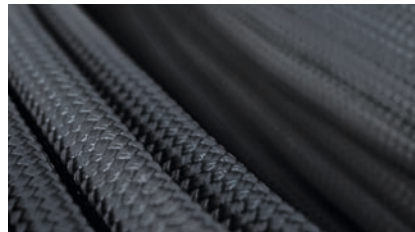


## STATIC 10.5

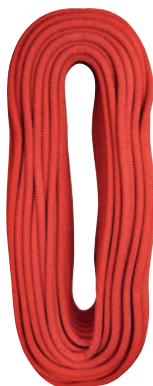


L0230WR white  
L0230RR red  
L0230BB black  
L0230KK khaki

CE 1019 • EN 1891 •

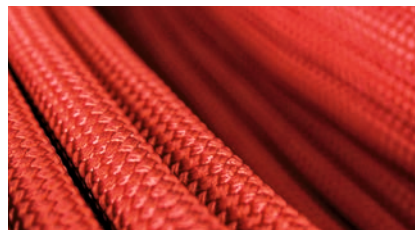


## STATIC 11.0



L0250WR white  
L0250RR red  
L0250BB black

CE 1019 • EN 1891 • • NFPA



## STATIC 9.0



L0220WR white  
L0220BB black

CE 1019 • EN 1891 •





## STATIC R44 10.5

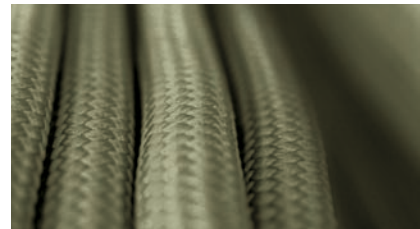


L0430BB  
L0430KK

black  
khaki

CE 1019 • EN 1891 • NFPA •

MILITARY: This collection of static ropes has been specially prepared for the use of police and army forces and other special units. If you require the best quality and a special design, MILITARY ropes are the best choice.



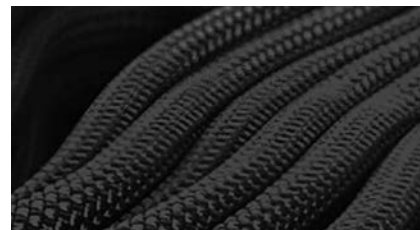
## STATIC R44 11.0



L0450BB

black

CE 1019 • EN 1891 • NFPA •



## STATIC 11.0 / STATIC 10.5



### Static 11.0

L0250BB

black

CE 1019 • EN 1891 • NFPA •

### Static 10.5

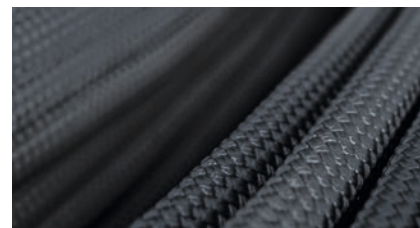
L0230BB

black

L0230KK

khaki

CE 1019 • EN 1891 •





## CONTRA 10.5

L026



Static rope

CE 1019 • EN 1891 • 

## SPELEO




L0440WR

SPELEO R44 10.5

L0240WR

SPELEO 10.5

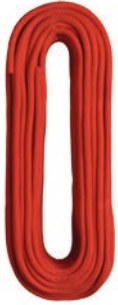
CE 1019 • EN 1891 • 

Sun Moon Bridge, Donpu, Taiwan Photo: Amous Lu



## ICON 9.3 DRY

L0384RX



**Excellent single rope for high-level climbers or glacier/mountain usage thanks to its lightness and water resistance.**

- extremely lightweight and robust; it is ideal for hard routes onsite, flash or redpointing where every gram counts
- produced on 44-carrier machine, Route 44, Singing Rock's patented technology
- with our special Teflon® treatment Icon 9.3 Dry is ideal for rock climbing, pumpy routes or extreme ascents in the mountains
- TEFLON® is applied on the ropes by revolutionary nanotechnology

- the sheath is more resistant against breakage, but on the other hand it is smoother
- Teflon® Treatment
- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • • ①



## ICON 9.3

L0380YX



**Excellent single rope for high-level climbers.**

- extremely lightweight and robust; it is ideal for hard routes onsite, flash or redpointing where every gram counts
- produced on 44-carrier machine, Route 44, Singing Rock's patented technology
- this unique technology gives to the rope great handling, low-weight and high durability
- the sheath is more resistant against breakage, but on the other hand it is smoother

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • • ①



## HERO 9.6 DRY

L0524GW



**A top-class single rope with low weight and great handling qualities for high-level climbers.**

- Single Tech construction provides increased resistance to abrasion and great handling qualities
- rope is soft and easy to manipulate in the belay devices
- although having a small diameter, this rope provides long lifespan
- special Teflon® treatment provides longer lifetime during the usage

- TEFLON® is applied on the ropes by revolutionary nanotechnology
- ideal for sport climbing and single pitch ice climbing
- Teflon® Treatment
- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • • ①



## HERO 9.6

L0520GW



**Excellent single rope for sport climbers.**

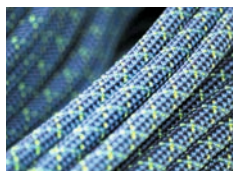
- Single Tech construction provides increased resistance to abrasion, low weight and great handling qualities
- rope is soft and easy to manipulate in the belay devices
- even with a small diameter, this rope provides long lifespan
- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • • ①



## STORM 9.8 DRY

L3044AG00



**Single rope with great balance in weight, durability and use. Perfect choice for all-round climbing.**

- this rope provides great handling, low-weight and high durability
- special Teflon® Eco treatment provides longer lifetime during the usage
- TEFLON® is applied on the ropes by revolutionary nanotechnology which makes the top of the line impregnated ropes
- narrow diameter and higher UIAA fall rating (UIAA falls 9) help you to improve your climbing achievements

- ideal for all-round climbing, training hard routes and RP ascents.
- Teflon® Treatment
- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • 

## STORM 9.8

L3040GA00



**Single rope with great balance in weight, durability and use. Perfect choice for all-round climbing.**

- narrow diameter and higher UIAA fall rating (UIAA falls 9) help you to improve your climbing achievements
- this rope provides great handling, low-weight and high durability
- the rope is very compact, durable and pleasant to use
- ideal for all-round climbing, training hard routes and RP ascents.

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 •  • ①

## MYSTIC 10.1 DRY

L0534AG



**Great single rope with an unusual design.**

- Single Tech construction provides high resistance to abrasion, great handling qualities and low weight
- runs smoothly in all devices on the market
- special TEFLON® treatment provides longer lifetime during the usage
- TEFLON® is applied on the ropes by revolutionary nanotechnology
- perfect choice for all-round climbers
- TEFLON® Treatment
- Thermotransfer end marking

- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 •  • ①

SINGING ROCK dynamic ropes are manufactured with a licence for the DuPont™ TEFLON® fabric protector. The ropes protected with a layer of TEFLON® are distinguished by their resistance to water and abrasion. TEFLON® also effectively prevents the penetration of dust particles into the structure of the ropes and thus increases their service life and your safety!

Why do you need resistance to water and abrasion? Maximum water and abrasion resistance are among the most important requirements when choosing the correct rope. Each dynamic rope is exposed to the affects of moisture and abrasion during its use – both of these factors have a huge influence on the climber's safety.





## MYSTIC 10.1

L0530RA

**Great single rope with an unusual design.**

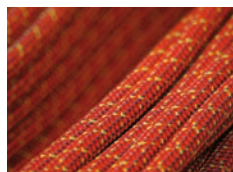
- Single Tech construction provides low weight, high resistance to abrasion and great handling qualities
- extraordinary durability and excellent technical performance
- perfect choice for all-round climbers
- Thermotransfer end marking
- Middle marking
- Ultrasonic ending



CE 1019 • EN 892 • • ①

## GYM 10.1

L3050RY00

**Single rope specially invented for the climbing gyms, adventure parks or rope courses.**

- this rope is designed for heavy usage with high safety factors and extremely high durability
- special technology of braided core gives the rope great resistance parameters
- braided core and compact sheath minimize the inter-fiber friction which give the result of the increased resistance to abrasion mainly when top-roping
- narrow diameter and great handling

provide easy manipulation in all belay devices

- ideal for climbing schools, gyms, adventure parks and rope courses.
- thermotransfer end marking
- ultrasonic ending

CE 1019 • EN 892 • • ①

## SCORE 10.1

L0360GG

**Great rope for sport climbing with excellent visibility.**

- made by Singing Rock patented technology R44, which gives to the rope well – balanced rate of weight and diameter
- this unique technology gives to the rope great handling, low-weight and high durability
- rope is very compact, durable and pleasant to use
- suitable for all belay devices on the market
- Thermotransfer end marking

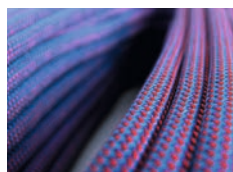
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • • ①



## DURAN 10.4

L0340AX

**Ideal rope for indoor climbing and crags with rough rocks.**

- made by Singing Rock patented technology R44, which gives to the rope well – balanced rate of weight and diameter
- rope is very compact, durable and pleasant to use
- rope has thicker sheath with perfect abrasion resistance still keeping good handling characteristics
- suitable for the most types of belay devices on the market

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 • EN 892 • • ①



## PATRON 11.0

L0540YX

**Dynamic single rope with high safety factor and great durability.**

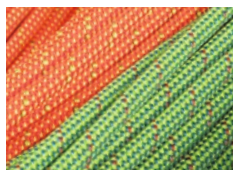
- designed for heavy usage in rope training centres, climbing schools and rescue situations
- rope has thicker sheath with perfect abrasion resistance
- suitable for the most types of the belay devices on the market
- Thermotransfer end marking
- Middle marking

- Ultrasonic ending
- suitable for IRATA cow's tails

CE 1019 • EN 892 •  • ①

## ACCORD DRY 8.3

L0514

**Half and twin rope with excellent durability and special Teflon® treatment.**

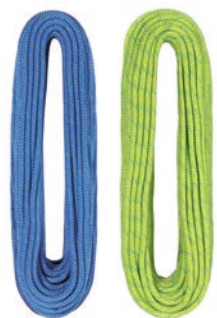
- tested and certified according to the EN 892 standard requirements for half ropes and twin ropes.
- with our special Teflon® treatment is ideal for ice climbing or wet conditions in the mountains
- Teflon® is applied on ropes by revolutionary nanotechnology.
- weight, diameter and number of falls are balanced in such a way that can be used as a half and twin rope.

- used in pairs, the climber can choose between the twin rope technique or half rope technique. Whatever technique is required at the time.
- Thermotransfer end marking
- Ultrasonic ending

CE 1019 • EN 892 •  • ①/② ③

## ACCORD 8.3

L0510

**Half and twin rope with excellent durability and lightness.**

- compact rope which has minimal interfiber friction, thereby increasing durability.
- tested and certified according to the EN 892 standard requirements for half ropes and twin ropes
- weight, diameter and number of falls are balanced in such a way that can be used as a half and twin rope
- used in pairs, the climber can choose between the twin rope technique or half

- rope technique. Whatever technique is required at the time.
- Thermotransfer end marking
- Ultrasonic ending

CE 1019 • EN 892 •  • ①/② ③

## GEMINI 7.9

L3020

**Half and twin rope for those who count every gram.**

- lightweight rope with top parameters allows use: ice climbing, mix routes, glacier tours or mountaineering
- tested and certified according to EN 892 standard requirements as half rope and twin rope
- with our special TEFLON® treatment Gemini 7.9 is ideal for ice climbing or extreme ascents in the mountains
- TEFLON® is applied on ropes by revolutionary nanotechnology

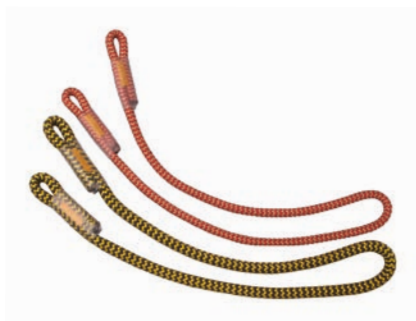
- used in pairs, the climber can choose between the twin rope technique or half rope technique. Whatever technique is required at the time
- TEFLON® Treatment
- Thermotransfer end marking
- Ultrasonic ending

CE 1019 • EN 892 •  • ①/② ③



## TIMBER ACCESSORY CORD

8 mm – W2608  
10 mm – W2610



**With sewn eyes.**

- rope diameter 8 and 10 mm
  - the use of the PES/TECHNORA material combination results in a better thermal and mechanical resistance of the sheath
- Length:  
diameter 8 mm – 75, 80, 85, 100 cm  
diameter 10 mm – 80, 85, 90, 100 cm

**Strength:**

18 kN (8 mm)  
20 kN (10 mm)

CE 1019 • EN 795B

## ROPE PROTECTOR

W8100B



**Protects rope sheath against abrasion on rough surfaces.**

50/70/100/120 cm • 20/28/40/48 in

Material: PVC

Colour: mix colours

## DEFENDER

W1027B



**Protects rope sheath against abrasion on rough surfaces.**

Allows to put 2 ropes in.

80/120 cm • 32/48 in

Material: Cortex

## COW'S TAILS

L0540C450



**NEW**

**4,5 m long piece of 11mm dynamic rope to create lanyards using figure eight knots according to IRATA recommendations.**

Length: 4.5 m

Rope diameter: 11 mm

CE 1019 • EN 892 •





## HAMMER CORD

2 mm – L0002  
3 mm – L0003



Durable, strong, easy to tie, for example for securing climbing equipment, backpack, tools or laces. Suitable for climbing purposes, guiding or work at height.

Strength: 1.2 kN / 1.9 kN

## ACCESSORY CORD

L0041 – L0081



**Suitable for a multitude of uses, SINGING ROCK accessory cords are strong and supple.**

- easy handling
  - strong
  - multitude of uses
- Diameters: 4, 5, 6, 7 and 8 mm

CE 1019 • EN 564 •

## THERMOCUTTER

X0004GB



**The ideal machine for cutting the ropes and accessory cords. Compact hand-held.**

The blade heats quickly. For save and fast cutting the ropes.

## ROPEMARKER

E0015XX



**When you need to mark your rope, use SINGING ROCK Rope Marker**

- with dark ink and easy-to-use design, you'll never be left wondering in those unsure situations
- when the middle marking fades you can mark it again with this specially formulated rope marker
- you can mark the center of ropes or any other part of the harness or sling

For use with: PA, PP, PES, PE.



## EDGE ROLLER

set – K0050OS03



### Compact light edge roller for rope protection made from aluminium alloy.

- suitable for working on the sharp edges
- protects a moving rope against the abrasion.
- fully adjustable to any work situation
- intended for safe work at height or heavy weights hauling
- parts are connected by maillons. Number of parts can be added as needed
- modular perfectly copy the terrain

- anodized side plates
- set includes 3 parts of edge roller and 4 maillons

Weight: 777g • 27.41 oz

## EDGE ROLLER – PART

K0050OS01



- it is possible to extend the size of Edge Roller set by adding the separate modules

Weight: 232g • 8.18 oz

## ROPE BAG

C0001BB



### With removable sheet.

- sheet dimensions 137 x 137 cm
- hidden pocket for keys and money
- well-padded shoulder straps
- abrasion resistant material

Weight: 620 g • 21.87 oz

## URNA

W1026BB



### Leg rope bag

- for rappelling in the extreme conditions to have the rope under the control
- can be also used as a tool bag when working at the height
- easy to put on the user's leg and the harnesses with the plastic buckle
- made from high quality material
- max. length of the rope 50 m of the diameter 11,5 mm
- inside loop to tie the end of the rope
- easy closing system allows to feed the rope slowly

- the bag can be completely closed to avoid losing the tools
- side pocket for small items or for the notebook

Color: black

Capacity: 11 litres


















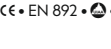
Weight: 240 g • 8.5 oz




Tower silo, Velké Meziříčí, Czech republic Photo: Petr Piechowicz









## DYNAMIC ROPES

		code	colour	length* [m]	diameter [mm]	weight [g/m]	static elong. [%]	dynamic elong. [%]	falls	impact force [kN]	type
	<b>HERO DRY</b>	L0524GW	blue	30 – 80, 100, 200	9,6	60	6,3	36,5	8	7	single
	<b>HERO</b>	L0520GW	white	30 – 80, 100, 200	9,6	60	6,3	36,5	8	7	single
	<b>MYSTIC DRY</b>	L0534AG	rainbow	30 – 80, 100, 200	10,1	68	5,7	32	9	7,9	single
	<b>MYSTIC</b>	L0530RA	rainbow	30 – 80, 100, 200	10,1	68	5,7	32	9	7,9	single
	<b>ICON DRY</b>	L0384RX	red	30 – 80, 100, 200	9,3	57	9,0	33,9	5	8,4	single
	<b>ICON</b>	L0380YX	yellow	30 – 80, 100, 200	9,3	57	9,0	33,9	5	8,4	single
	<b>STORM DRY</b>	L3044AG	blue	30 – 80, 100, 200	9,8	65	6,3	35	9	9,1	single
	<b>STORM</b>	L3040GA	green	30 – 80, 100, 200	9,8	65	6,3	35	9	9,1	single
	<b>GYM</b>	L3050RY	red	30 – 80, 100, 200	10,1	68	7,4	37	6	7,9	single
	<b>SCORE</b>	L0360GG	green	30 – 60, 80, 100, 200	10,1	66	7	31,9	8	9,1	single
	<b>DURAN</b>	L0340AX	blue	30 – 60, 80, 100, 200	10,4	70	6	31,3	10	8,7	single
	<b>PATRON</b>	L0540YX	yellow	30 – 80, 100, 200	11,0	78	6	33,8	16	8,2	single
	<b>ACCORD DRY</b>	L0514O	orange	30 – 70, 100, 200	8,3	43	9 / 6,4	32 / 34	5 / 15	5,9 / 9,7	half / twin
		L0514GO	green	30 – 70, 100, 200	8,3	43	9 / 6,4	32 / 34	5 / 15	5,9 / 9,7	half / twin
	<b>ACCORD</b>	L0510	blue	30 – 70, 100, 200	8,3	43	9 / 6,4	32 / 34	5 / 15	5,9 / 9,7	half / twin
		L0510	green	30 – 70, 100, 200	8,3	43	9 / 6,4	32 / 34	5 / 15	5,9 / 9,7	half / twin
	<b>GEMINI</b>	L3020	red	30 – 70, 100, 200	7,9	39	8 / 7,3	33 / 29	5 / 16	5,7 / 8,3	half / twin
		L3020	yellow	30 – 70, 100, 200	7,9	39	8 / 7,3	33 / 29	5 / 16	5,7 / 8,3	half / twin

CE • EN 892 •  • packaging dynamic ropes: pack – 30, 40, 50, 60, 70, 80, 100 m • coil – 200 m

## STATIC ROPES

		code	strength [kN]	knot breaking force [kN]	stitched eye strength [kN]	static elongation [%]	number of falls	weight [g/m]	type
	<b>STATIC R44 10,5</b>	L0430	31,5	19,8	27,7	3,4	>15	72	A
	<b>STATIC R44 11</b>	L0450	34,9	22,3	28,5	3,2	>20	77	A
	<b>STATIC 9</b>	L0220	25,5	14,5	–	3,5	>8	52,9	B
	<b>STATIC 10,5</b>	L0230	30,4	18,6	24,3	3,3	>10	69	A
	<b>STATIC 11</b>	L0250	34,5	22,0	28,1	3,3	>20	80	A

CE • EN 1891 •  • packaging static ropes: pack – 30, 40, 50, 60, 70, 80, 100 m • coil – 100, 200 m

**Static rope characteristic**

Type A rope – low stretch kernmantel rope designed for general use by persons in rope access including all kinds of work positioning and restraint; in rescue and in caving Type B rope – low stretch kernmantel rope of a lower performance than type A ropes, requiring greater care in use (standard does not content other specification).

**Static strength defined in the standard**

22 kN for the ropes of type A

18 kN for the ropes of type B

Another standard requirement says, the material used for rope production shall have the melting point higher than 195 °C, so polyethylene or polypropylene are not suitable for the production of the ropes.

**Rope elongation**

The rope elongation shall not be higher than 5%, tested by loading the rope for 3 min with 150kg load (pretension 50 kg)

**Dynamic performance**

Fall test with two meters long rope terminated with figure-eight knots; fall factor 1. The testing mass 100 kg for type A ropes, 80 kg for type B ropes.



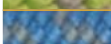









## SPELEO ROPES

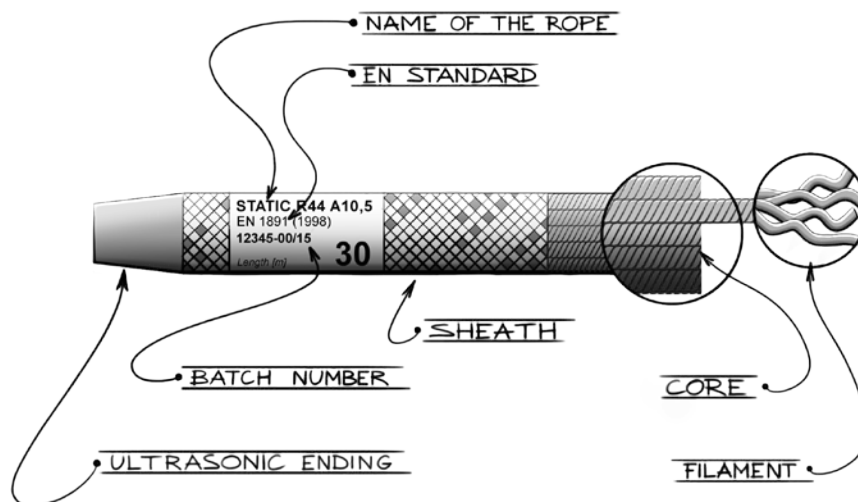
		strength [kN]	knot breaking force [kN]	static elongation [%]	number of falls	weight [g/m]
	SPELEO R44 10,5	35,6	22,1	3,4	>15	72
	SPELEO 10,5	29,2	18	3,3	>10	69

CE • EN 1891 •  packaging speleo ropes: pack – 30, 40, 50, 60, 70, 80, 100 m • coil – 100, 200 m

## ACCESSORY CORDS

	coil	diameter [mm]	weight [g/m]	strength [kN]	length [m]	ft
	L0002	2	2.8	1.2	100	328
	L0003	3	6.5	1.9	100	328
	L0041	4	12,6	3,2	100	328
	L0051	5	18,7	5	100	328
	L0051BB	5	18,7	5	100	328
	L0061	6	23,2	9	100	328
	L0061BB	6	23,2	9	100	328
	L0071	7	35,1	11,5	100	328
	L0081	8	39,8	16	100	328

CE 1019 • EN 564 •  note: Hammer Cords L0002, L0003 do not fulfill EN standards and CE.

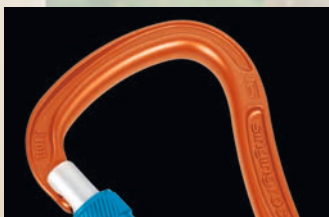
ROPE TERMINOLOGY:



## KEYLOCK

### for easy manipulation

Key lock is an extremely simple and ingenious locking system that solves the problems associated with the traditional design of carabiners. It eliminates any risk of ropes or slings becoming entangled in the gate or in the carabiner nose when it is being connected or released. Neither the gate, which is completely cylindrical, nor the nose has any sharp edges. Ropes and slings do not, therefore, come into the contact with any cutting edges.

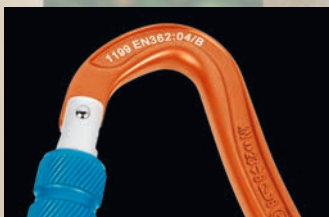


## HOT FORGING

### the latest technology in manufacturing of light alloy hardware

Aluminum alloy is heated state when being forged into the final shape. This allows the metal to be formed more easily so it can be moved to areas where it is needed and removed from the areas where it is not needed.

In comparison with cold forged binners, the hot forged binners are lighter, more durable and stronger.



## A UNIQUE PRODUCTION NUMBER

### identification of metal parts

For better traceability and inspection recording the Singing Rock metal parts are marked with the unique production number.

Singing Rock metal parts marked with the unique production number are in this catalogue indicated with text "unique production number".



STEEL  
LIGHT ALLOY  
ACCESSORY CARABINERS  
**CONNECTORS**







## HECTOR / SCREW HECTOR / TRIPLE LOCK

screw – K0114EE00  
screw black – K0114BB00  
triple lock – K0121EE00  
triple lock black – K0121BB00



**Large versatile pear-shaped HMS carabiner with screw/triple lock gate designed for multiple uses mainly for belaying or anchoring when working at height. Due to high strength and large gate opening it is mainly used as a central carabiner when anchoring.**

- pear-shaped basket facilitates belaying with the MÜNTER hitch or other belay devices
- angled snag free Keylock nose for smooth clipping and unclipping maneuvers
- rough notches on the screw/triple locking sleeve for easy manipulation even with gloves
- each carabiner is individually tested for a strength of 10 kN
- large rope bearing area for better rope glide and reduced wear on the carabiner
- gate opening and basket area are large enough to easily accommodate a big anchor point or more slings
- hot-forged I-beam construction makes the carabiner extremely strong, stiff and light

- excellent ergonomic provides perfect handling with the carabiner
- anodized finishing increases corrosion resistance

Strength:  $\blacktriangleleft 30 \blacktriangleright 9 \oslash 8$  kN  
Gate opening (d): 26 mm  
Weight: screw – 83 g / 2.9 oz  
triple – 89 g / 3.1 oz

CE 1019 • EN 12275 • EN 362

## HECTOR BC / SCREW HECTOR BC / TRIPLE LOCK

screw BC – K0114EC00  
screw BC black – K0114BC00  
triple BC – K0121EC00  
triple BC black – K0121BC00



**Large versatile pear-shaped HMS carabiner with screw/triple lock gate and removable captive bar designed especially as a fixed connector in anchor systems or lanyards.**

- captive bar keeps the carabiner in its proper orientation
- bar is easily removable with an Allen key no. 3
- this carabiner keeps your gear well-arranged and minimizes the chance of cross loading

Strength:  $\blacktriangleleft 30 \blacktriangleright 9 \oslash 8$  kN  
Gate opening (d): 26 mm  
Weight: screw – 85 g / 3 oz  
Triple – 91 g / 3.2 oz

CE 1019 • EN 12275 • EN 362



## BORA / SCREW, BORA / TWL BORA / TRIPLE LOCK

screw – K0107EE00  
screw black – K0107BB00  
TWL – K0108EE00

TWL black – K0108BB00  
triple lock – K0119EE00  
triple lock black – K0119BB00



BORA screw



Bora TWL

**Versatile pear-shaped HMS locking biner designed for belaying, rappelling and anchor building.**

- hot-forged I-beam construction makes the carabiner extremely strong, stiff and light
- large rope bearing area for better rope glide and reduced wear on the carabiner
- pear-shaped basket facilitates belaying with the Münter hitch or other belay devices
- angled snag free Keylock nose for smooth clipping and unclipping maneuvers
- opening and basket area are large enough to easily accommodate the clove hitch
- available with screw, twist and triple lock gate, all of them easy to handle
- for better gear management the screw gates are in different colors
- each carabiner is individually tested for the strength 10 kN
- unique production number for better traceability and inspection

Strength:  $\blacklozenge$  23  $\blacklozenge$  8  $\blacklozenge$  8 kN

Gate opening (d): 22 mm

Weight:

Screw 63 g / 2.22 oz

TWL/Triple lock 68 g / 2.4 oz

CE 1019 • EN 12275 • EN 362 •



Bora triple

## BORA GP / SCREW

K0107EP00  
black – K0107BP00



**HMS carabiner designed specifically to eliminate the dangers of cross loading.**

- safety wire gate keeps the carabiner in its proper orientation
- hot-forged I-beam construction offers an improved strength/weight ratio
- large rope bearing area for better rope glide and reduced wear on the carabiner
- screw locking sleeve for great handling and effective locking
- very popular for climbing gyms and ropes centres

- each carabiner is individually tested for the strength 10 kN
- unique production number for better traceability and inspection

Strength:  $\blacklozenge$  23  $\blacklozenge$  8  $\blacklozenge$  8 kN

Gate opening (d): 22 mm

Weight: 64 g / 2.26 oz

CE 1019 • EN 12275 • EN 362 •



## COLT / SCREW

K0112EE00  
black – K0112BB00

**Our smallest, super light locking carabiner. Ideal for belaying and anchor building on trad and alpine climbs.**

- hot-forged I-beam construction makes the biner very light and still extremely strong with 11 kN gate open rating
- angled snag free Keylock nose for smooth clipping and unclipping maneuvers
- ergonomic shape and gate position designed to provide large opening and large basket area
- screw locking sleeve for great handling and effective locking
- for better gear management the screw gates are in different colors
- each carabiner is individually tested for the strength 10 kN
- unique production number for better traceability and inspection

Strength: ⚡ 26 ⚡ 8 ⚡ 11 kN

Gate opening (d): 18 mm

Weight: 48 g / 1.69 oz

CE 1019 • EN 12275 • EN 362 •

COLT / STRAIGHT  
COLT / BENTstraight – K0111EE00  
straight black – K0111BB00  
bent – K0110EE00  
bent black – K0110BB00

**Large versatile pear-shaped HMS carabiner with screw/triple lock gate and removable captive bar designed especially as a fixed connector in anchor systems or lanyards.**

- captive bar keeps the carabiner in its proper orientation
- bar is easily removable with an Allen key no. 3
- this carabiner keeps your gear well-arranged and minimizes the chance of cross loading

Strength: ⚡ 30 ⚡ 9 ⚡ 8 kN

Gate opening (d): 26 mm

Weight: screw – 85 g / 3 oz

Triple – 91 g / 3.2 oz

CE 1019 • EN 12275 • EN 362

## OZONE / SCREW

K0016AA00  
black matt – K0016BB00

**Oval carabiner, key lock, screw gate**  
 ▶26 kN ◀10 kN ◀7 kN  
 gate opening (d): 21 mm  
 unique production number  
 80 g • 2.82 oz  
 CE 1019 • EN 362 • EN 12275



## OZONE / TWL

K0017AA00  
black matt – K0017BB00

**Oval carabiner, key lock, twist lock**  
 ▶26 kN ◀9 kN ◀7 kN  
 gate opening (d): 21 mm  
 unique production number  
 85 g • 3 oz  
 CE 1019 • EN 362 • EN 12275



## OZONE / TRIPLE LOCK

K0018AA00  
black matt – K0018BB00

**Oval carabiner, key lock, triple lock**  
 ▶26 kN ◀9 kN ◀7 kN  
 gate opening (d): 21 mm  
 unique production number  
 85 g • 3 oz  
 CE 1019 • EN 362 • EN 12275



Ozone carabiners / Ozone has been designed to be used with pulleys, ascenders and descenders: its almost oval shape makes the carabiner easy to turn around in slings or belay station.

## CONNECTOR GIGA

K3550PP00  
black – K3550BB00

**with double trigger**  
 automatic locking  
 gate opening 110 mm • 25 kN  
 polished, Al • 965 g • 34.04 oz  
 unique production number  
 CE 0321 • EN 362



**with double trigger**  
 automatic locking  
 gate opening 60 mm • 28 kN  
 polished, Al • 450 g • 15.87 oz  
 unique production number  
 CE 0321 • EN 362

## BIG CONNECTOR

K3536PP00  
black – K3536BB00



## MAILLON MINI OVAL

K82006Z



D 6 mm • 4 kN  
gate opening 7,5 mm  
zinc-plated • 33 g

## MAILLON SMALL OVAL

K82008Z



D 8 mm • 35 kN  
gate opening 11 mm  
zinc-plated • 77 g  
CE 0082 • EN 12275  
• EN 362 •

## MAILLON SMALL DELTA

K82207Z



D 7 mm • 4 kN  
gate opening 8.5 mm  
zinc-plated • 58 g

## MAILLON BIG D

K82310Z



D 10 mm • 45 kN  
gate opening 10 mm  
zinc-plated • 153 g  
CE 0082 • EN 12275  
• EN 362 •

## MAILLON BIG DELTA

K82210Z



D 10 mm • 45 kN  
gate opening 12 mm  
zinc-plated • 153 g  
CE 0082 • EN 12275  
• EN 362 •

## BIG TWIST

K82508Z



**NEW**

D 8 mm • 32 kN  
gate opening 17,5 mm  
zinc-plated • 106 g • 3.74 oz  
CE 0082 • EN 12275  
• EN 362 •

## BIG SQUARE

K82410Z



**NEW**

D 10 mm • 45 kN  
gate opening 12 mm  
zinc-plated • 166 g • 5.86 oz  
CE 0082 • EN 12275  
• EN 362 •



## D STEEL

K4080ZO



**D steel connector / screw**  
with screw gate, key lock, zinc plated  
▶50 kN ▶13 kN ◀20 kN  
gate opening (d) 25 mm • 255 g • 9 oz  
unique production number  
CE 1019 • EN 362

## D STEEL

K408IZO



**D steel connector /triplelock**  
with triplelock gate, key lock, zinc plated  
▶50 kN ▶13 kN ◀20 kN  
gate opening (d) 25 mm • 267 g • 9 oz  
unique production number  
CE 1019 • EN 362

## OVAL STEEL

K424IZO05



**Oval steel connector / screw**  
with screw gate, key lock, zinc-plated  
▶30 kN ▶9 kN ◀8 kN  
gate opening (d) 18 mm  
176 g • 6,21 oz  
unique production number  
CE 1019 • EN 362

## OVAL STEEL

K424IZO07



**Oval steel connector /triplelock**  
with key lock and triplelock gate  
▶30 kN ▶9 kN ◀8 kN  
gate opening (d) 18 mm • 195 g • 6.9 oz  
unique production number  
CE 1019, EN 362

## SMALL CONNECTOR

K3702PP  
steel – K3690ZO



**Small connector with double trigger**  
automatic locking  
gate opening 21 mm • 25 kN  
polished, Al • 150 g • 5.29 oz  
unique production number  
CE 0333 • EN 362

### STEEL CONNECTORS

- designed for industrial use • oval connector is ideal for pulleys, tackles, ascenders or descenders • key lock nose • unique production number • zinc plated surface • individually tested up to 10 kN (D steel connectors up to 15 kN) • Material: steel



Telecommunication tower, Český Brod, Czech republic Photo: Lukáš Neklan



## MINI PEAR

K5052EE00



### accessory carabiners

mix colour • 16 g • 0.56 oz • gate opening (d) 11 mm  
*Not for climbing.*

## MINI D

K5182EE00



### accessory carabiners

mix colour • 25 g • 0.88 oz • gate opening (d) 14 mm  
*Not for climbing.*

## PORTER

K9000BB03



### Plastic holder for racking ice screws, pitons and industrial tools.

- for racking ice screws, pitons and industrial tools on the harness
- easy clipping and un-clipping
- the nose on the upper part allows to set away some stuff in order to access stuff on the bottom.
- rubber part fixes the Porter on place and prevent it from rotation

### WARNING: NOT FOR CLIMBING!

The Porter is NOT load-bearing!  
It is not designed to hold human's weight. Do not use it for protection or belaying.  
Max. load: 5 kg  
Weight: 32 g • 1.13 oz



## MINI D SCREW

K0027BY00



### accessory carabiners

black colour • 28 g • 1 oz  
gate opening (d) 13 mm  
3 kN  
*Not for climbing.*



GrimpDay competition, Belgium, Photo: Jakub Ptačinský



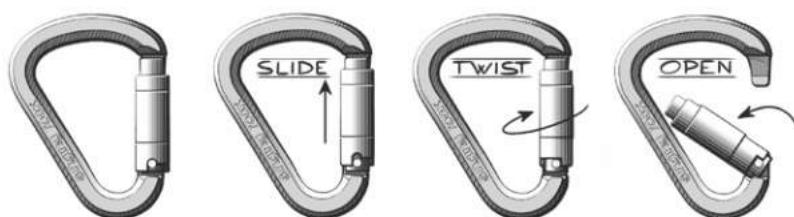
### SCREW LOCK



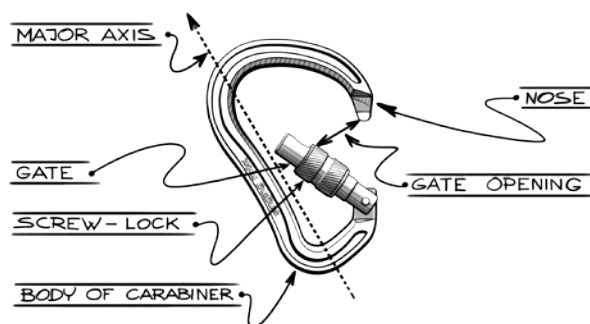
### TWL-TWIST LOCK



### TRIPLE LOCK



### GATE OPENING (d)

















Huisman crane, Frydek, Místek, Czech republic Photo: Petr Piechowicz





type	preview	code	colour / surface	material	EN12275 sport	EN362 work	↔ kN	⇄ kN	↻ kN	gate open. [mm]	weight [g]	oz
D STEEL / SCREW		K4080ZO	zinc-plated	steel	–	•	50	13	20	25	255	8,93
D STEEL / TRIPLE LOCK		K4081ZO	zinc-plated	steel	–	•	50	13	20	25	267	9,35
OVAL STEEL / SCREW		K4241ZO05	zinc-plated	steel	–	•	30	9	8	18	176	6,21
OVAL STEEL / TRIPLE LOCK		K4241ZO07	zinc-plated	steel	–	•	30	9	8	18	195	6,9
COLT / SCREW		K0112EE00	mix	AL alloy	•	•	26	8	11	18	48	1,7
COLT / SCREW BLACK		K0112BB00	black	AL alloy	•	•	26	8	11	18	48	1,7
COLT / STRAIGHT		K0111EE00	grey	AL alloy	•	–	26	8	11	21	42	1,5
COLT / STRAIGHT BLACK		K0111BB00	black	AL alloy	•	–	26	8	11	21	42	1,5
COLT / BENT		K0110EE00	yellow	AL alloy	•	–	26	8	11	21	42	1,5
COLT / BENT BLACK		K0110BB00	black	AL alloy	•	–	26	8	11	21	42	1,5
COLT / WIRE STRAIGHT		K0113EE00	silver	AL alloy	•	–	26	8	11	22	36	1,3
COLT / WIRE BENT		K0120EE00	blue	AL alloy	•	–	26	8	11	22	36	1,3
BORA / SCREW		K0107EE00	mix	AL alloy	•	•	23	8	8	22	63	2,2
BORA / SCREW BLACK		K0107BB00	black	AL alloy	•	•	23	8	8	22	63	2,2
BORA / TWL		K0108EE00	grey	AL alloy	•	•	23	8	8	22	68	2,4
BORA / TWL BLACK		K0108BB00	black	AL alloy	•	•	23	8	8	22	68	2,4
BORA / TRIPLE LOCK		K0119EE00	orange	AL alloy	•	•	23	8	8	22	68	2,4
BORA / TRIPLE LOCK BLACK		K0119BB00	black	AL alloy	•	•	23	8	8	22	68	2,4
BORA GP / SCREW		K107EP00	grey	AL alloy	•	•	23	8	8	22	64	2,3
BORA GP / SCREW BLACK		K107BP00	black	AL alloy	•	•	23	8	8	22	64	2,3
HECTOR / SCREW		K0114EE00	blue	AL alloy	•	•	30	9	8	26	83	2,9
		K0114BB00	black	AL alloy	•	•	30	9	8	26	83	2,9
HECTOR / TRIPLE LOCK		K0121EE00	blue	AL alloy	•	•	30	9	8	26	89	3,1
		K0121BB00	black	AL alloy	•	•	30	9	8	26	89	3,1
HECTOR BC / SCREW		K0114EC00	blue	AL alloy	•	•	30	9	8	26	85	3
		K0114BC00	black	AL alloy	•	•	30	9	8	26	85	3

type	preview	code	colour / surface	material	EN12275 sport	EN362 work	↔ kN	↕ kN	○ kN	gate open. [mm]	weight [g]	oz
HECTOR BC / TRIPLE		K0121EC00	blue	AL alloy	•	•	30	9	8	26	91	3.2
		K0121BC00	black	AL alloy	•	•	30	9	8	26	91	3.2
OZONE / SCREW		K0016AA00	blue	AL alloy	•	•	26	10	7	21	80	2.82
		K0016BB00	black	AL alloy	•	•	26	10	7	21	80	2.82
OZONE / TWL		K0017AA00	blue	AL alloy	•	•	26	9	7	21	85	3
		K0017BB00	black	AL alloy	•	•	26	9	7	21	85	3
OZONE / TRIPLE LOCK		K0018AA00	blue	AL alloy	•	•	26	9	7	21	85	3
		K0018BB00	black	AL alloy	•	•	26	9	7	21	85	3
SMALL CONNECTOR		K3702PP	silver	AL alloy	–	•	25			21	150	5.29
		K3690ZO	zinc-plated	steel	–	•	25			244	244	8.6
BIG CONNECTOR		K3536201	silver	AL alloy	–	•	28			60	450	15.87
		K3536BB00	black	AL alloy	–	•	28			60	450	15.87
GIGA CONNECTOR		K3550PP	silver	AL alloy	–	•	25			110	965	34.04
		K3550BB00	black	AL alloy	–	•	25			110	965	34.04



Dam Šance, Beskydy mountains, Czech republic Photo: Petr Piechowicz







WORK  
SPORT  
**HELMETS**





## FLASH INDUSTRY

black – W9601BB00  
high visible – W9601QX00

red – W9601RX00  
white – W9601WX00  
yellow – W9601YX00

**NEW**

**Protective helmet suitable for industrial work and construction sites. Its main purpose is to protect the user against falling objects and voltage. It has a safety chin strap that is unfasten at a load ranging between 15 and 25 daN, which eliminates the risk of strangling.**

- high density and shock resistant PC shell
- fits most of the users with UNI size 53–63 cm
- fast, easy and effective size adjustment mechanism on the back of the helmet
- fully adjustable headband, length and position of the chin straps
- suspension straps easily adjustable to 3 depth levels
- two side and two rear adjusting sleeves to regulate the length of the chin straps
- quick fastening and opening buckle with a safety release system in compliance with EN 397
- side slots for hearing protection
- visor compatible

- fulfils EN 397 optional requirements: low temperature, lateral deformation, electrical insulation
- four head lamp holders for any head lamp available on the market
- inner padding fully removable and hand or machine washable at 30 °C (86 °F)
- inner padding made of non-allergic, cool, moisture wicking and odor resistant fabric
- helmet can be safely used in the temperatures ranging from –30 to +50 °C (–22 to 122 °F)
- reflective stickers included
- five color variants
- unique number marking

Weight: 455 g • 16.05 oz

Material: PC

Size: UNI (53 – 63 cm)

Color: yellow, white, red, black, high-visibility yellow

CE 1015 • EN 397 (LD, 440V a.c., –30 °C)

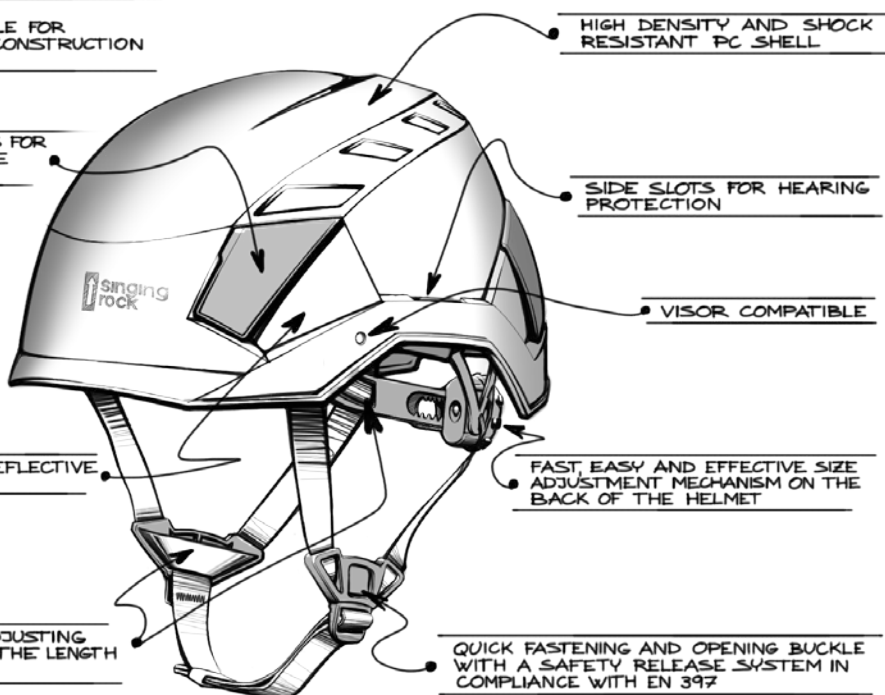


FLASH INDUSTRY  
PROTECTIVE HELMET SUITABLE FOR  
INDUSTRIAL WORK AND CONSTRUCTION  
SITES

FOUR HEAD LAMP HOLDERS FOR  
ANY HEAD LAMP AVAILABLE  
ON THE MARKET

AREAS ALLOWED FOR REFLECTIVE  
STICKERS PLACEMENT

TWO SIDE AND REAR ADJUSTING  
SLEEVES TO REGULATE THE LENGTH  
OF THE CHIN STRAPS



HIGH DENSITY AND SHOCK  
RESISTANT PC SHELL

SIDE SLOTS FOR HEARING  
PROTECTION

VISOR COMPATIBLE

FAST, EASY AND EFFECTIVE SIZE  
ADJUSTMENT MECHANISM ON THE  
BACK OF THE HELMET

QUICK FASTENING AND OPENING BUCKLE  
WITH A SAFETY RELEASE SYSTEM IN  
COMPLIANCE WITH EN 397

## PENTA

blue – C0071AA00  
red – C0071RR00

grey – C0071SS00  
white – C0071WW00



**Extremely lightweight, super-comfortable and fully ventilated climbing helmet. All this combined with a maximum head protection. For its comfort and lightweight design is ideal for sport climbing, mountaineering, trad climbing or via ferrata.**

- Co-molded expanded polystyrene foam and hard polycarbonate shell engineered to ensure maximal head protection and still keep lightweight and low profile
- Narrow straps of retention system are very soft and light and do not press as standard hard-plastic headbands
- Soft (webbing made) rear adjustment system (headband) conforms better to the head and provides compact storage in the backpack
- Extended chin strap length allows to wear a hat under the helmet
- 4 headlamp clips are imbedded to avoid snagging, robust for easy handling and secure attachment of any headlamp on the market
- 11 vents and air channels built in the foam facilitate excellent ventilation
- Inside padding is fully removable and washable
- Available in 4 color versions

Weight: 205 g • 7.23 oz

Color: blue, grey, red, white

Size: UNI (51–60 cm)

CE • EN 12492



PENTA  
EXTREMELY LIGHTWEIGHT, SUPER-COMFORTABLE  
AND FULLY VENTILATED SMART HELMET

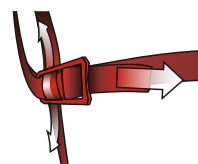


MAXIMAL HEAD PROTECTION WITH  
LIGHTWEIGHT AND LOW PROFILE COMOLDED  
EPS AND HARD PC SHELL

11 VENTS FACILITATE EXCELLENT  
VENTILATION

4 ROBUST HEADLAMP CLIPS TO SECURE  
ANY HEADLAMP ON THE MARKET

FLEXIBLE REAR ADJUSTMENT SYSTEM  
CONFORMS BETTER TO THE HEAD AND  
PROVIDES COMPACT STORAGE







Dam Šance, Beskydy mountains, Czech republic Photo: Petr Piechowicz

## ANCHOR DEVICES AND BELAY DEVICES

ASCENDERS

DESCENDERS

PULLEYS

SELF BRAKING DEVICES







## GLUE IN ANCHOR

RK703XX10



### Stainless steel durable permanent anchor point.

- works also in soft or pocketed stone
- smooth eye allows safe rope threading for retreat
- made of welded, grade AISI 316 stainless steel
- for drilled hole with diameter 12 mm
- recommended glue: UPM 44 or FIS 360V, resin capsule RM10

Diameter: 10 mm  
Length of shaft: 80 mm  
Weight: 120 g 3.18 oz  
Strength:  $\blacklozenge$  30 kN  $\blacklozenge$  25 kN  
EN 959 • EN 795 Type A

10mm stainless – RK702XX10  
12mm stainless – RK702XX12  
10mm zinc – RK704XX10  
12mm zinc – RK704XX12

## HANGER PLATE



### Stainless steel / zinc coated hanger plate for permanent anchor point

- loop for two carabiners
- steel plate with 3mm thickness

Weight: 45 g • 1.60 oz  
Strength: 25 kN  
CE 1019 • EN 959 • EN 795 Type B

## D – MOBILE

A0002SS01



### Door or window anchor point

- an indispensable anchor point protect against sudden falls
- the safety traverse offers in connection with the rope perfect safety solution when working in wall openings and on balcony support plates
- no tools are needed to fix the traverse in doorways, the opening of which may be up to 1100 mm wide for one person for two persons can be maximum opening up to 900 mm

- fast adjustment by pressing the pawl
- star grip to clamp the safety traverse
- bearing surfaces coated with synthetic material

Strength: 22 kN • Weight: 11 kg  
Dimensions: 141 x 13 x 13 cm  
CE 0123 • EN 795 Type B



## REDBLOCK

K0006RP00

**Anchor device, that extends lifetime of the rope when top roping**

- ideal partner for adventure parks, rope courses and climbing gyms
- allows to be installed in two axes
- for better traceability and inspection recording the RedBlock is marked with the unique production number

Color: red  
 Weight: 375 g • 13.23 oz  
 Material: stainless steel  
 Sheave: light alloy  
 Max. diameter of rope: 12 mm  
 Strength: 26 kN  
 CE 1019

## TWISTER

K0030OG00

**Innovated rotating anchor**

Placed between a load and either rope or cable, the twister avoids severe rope twisting while the load turns.

Working load: 4 kN  
 Color: anthracite/yellow  
 Strength: 22 kN  
 Weight: 91 g • 3.25 oz  
 CE 0321 • EN 354

## RIGGING PLATE 1/3

RK713BB00

**Aluminium alloy device for multi-point anchoring.**

- helps to organize carabiners at the anchor point
- provides efficient force distribution at different load directions
- rounded holes allow direct attachment of ropes and slings to the rigging plate
- central attachment point can accommodate up to three carabiners

- all attachment points are big enough to allow locking sleeves of most carabiners passing through

Weight: 65 g • 2.3 oz  
 Material: light alloy  
 Strength: 36 kN • Thickness: 6 mm  
 CE 1019

## RIGGING PLATE 3/5

RK714BB00

**Aluminium alloy device for multi-point anchoring.**

- provides efficient force distribution at different load directions
- low profile of the plate makes the connection as short as possible
- provides plenty of attachment holes
- rounded holes allow direct attachment of the ropes and slings to the rigging plate
- all attachment points are big enough to allow locking sleeves of most carabiners passing through

Weight: 145 g • 5.1 oz  
 Material: light alloy  
 Strength: 50 kN • Thickness: 7 mm  
 CE 1019



## PILOT

X0070XX34



**Removable anchors, developed both for fall protection and multi-use, are safe, lightweight, and simple to employ.**

- tested to meet ANSI Z359.1 and EN 795
- easy to use, simply drill the proper size hole into your concrete or rock surface, blow the dust out with compressed air, and insert the unit
- multi-directional attributes, anchors work in horizontal, vertical and overhead surfaces

- easily reusable, when your job is done, simply fill in the drilled hole if necessary and reuse at your new desired location
- removable anchors can be used in construction and industrial fields, mining, and mountaineering as well
- suitable for the drilled holes in a diameter 20 mm

Weight: 200 g • Working load: 181 kg

Size: 3/4" • Strength: 22 kN

ANSI Z359.1 • EN 795 Type B • CE 0321

## BANTAM BEAMER

X0071XS12



**Designed for fall protection and rope access work positioning.**

- lighter, smoother, and easier to use
- constructed with lightweight aircraft aluminum bars and 360° swivel D-Ring connections
- the clamps attach without tools to construction girders either overhead or underfoot

Weight: 1600 g • Spacing: 76,5 – 305 mm

Working load: 181 kg • Strength: 22kN

ANSI Z359.1 • EN 795 • CE

## SNAKE BRACE

S 300 – W2018Y030  
S 600 – W2018A060

S 900 – W2018R090  
S 1200 – W2018B120  
M 300 – W2019Y030

M 600 – W2019A060  
M 900 – W2019R090  
M 1200 – W2019B120



**Anchor point for through holes, designed to function as a link between the structure and the fall arrest, work positioning, rope access or rescue systems.**

- intended for through holes whose minimum and maximum diameter corresponds to the type of Snake Brace in relation to the actual thickness of the current structure
- the opening need not be entirely regular but the minimum diameter must be flat. There must be a minimum space for installation behind the hole
- intended for a single user
- the maximum strength can be used only if the structure in which the anchor hole is located can withstand the load in all directions
- the minimum strength of the construction should be designed according to EN 795 (if not in accordance with EN 795, the load bearing capacity may be reduced)

- Snake Brace can be loaded in any direction only if also allowed by the construction in which is anchored
- can be used only with compatible connectors with locking mechanisms according to EN 362

Strength: 18 kN

Length: 30, 60, 90, 120 cm

Weight: (S 300) 162 g • 5.71 oz /

(M 300) 395 g • 13.93 oz

Material: S – dyneema, alloy, steel /

M – PAD, alloy, steel

CE 1019 • EN 795 Type B

type	strength	hole Ø min. (mm)	construction thickness (mm)						min. open space
			>5	≥ 50	≥ 100	≥ 150	≥ 200	≥ 300	behind the hole (mm)
			hole Ø max. (mm)						
S	18 kN	177	50	65	75	80	85	90	≥ 200
M	18 kN	22	175	195	210	225	235	255	≥ 450

## SHUTTLE

K6140EE00

black matt – K6140BB00

**Belay and rappel device**

One device to do it all, the Shuttle offers maximum versatility. It has a groove, designed and shaped to provide equal friction for both thin and thick ropes.

When you're belaying from above, the "guide mode" lets you bring up one or two seconding climbers under control. For lowering, it has a small secondary hole that you can clinch carabiner or sling to release the device.

- designed for twin, half and single ropes
- lightweight and compact
- V-grooves for high friction when belaying the leader or rappelling
- only 65 g – one of the lightest belay devices on the market
- self locking function when belaying the second
- eye for releasing the weight
- possibility of simultaneous belaying two climbers
- weight: 65 g • 2.29 oz
- material: light alloy

Rope diameter:

⑫ 7,8 – 10,5 mm

① 9 – 10,5 mm

EN 15151-2



## BUDDY

K6132EE

black matt – K6132BB



Light and compact belay tube.  
For all-round climbers.  
Designed for ropes 7,8 – 11 mm  
mix color • 54g • 1.91 oz

EN 15151-2







## FIGURE 8 L

K6031EE  
black matt – K6031BB



**Designed for ropes of bigger diameters.**

30 kN • color mix • light alloy • 125 g • 4.41 oz

- for ropes of various diameters
- easy rappelling
- effective heat distribution

EN 15151-2

## FIGURE 8 M

K6021EE  
black matt – K6021BB



**Designed for ropes of smaller diameters.**

25 kN • color mix • light alloy • 104 g • 3.67 oz

EN 15151-2

## RESCUE FIGURE EIGHT

K6180ZO – stainless steel  
K6180BB – light alloy, black matt



**Special figure eight for the rescue situations and fast rappelling**

40 kN

material:

stainless steel, light alloy

weight:

steel 451 g • 15.9 oz, light alloy 154 g • 5.43 oz

## DOUBLE STOP PLUS

K031DSD00



### Descender with double locking and self-braking anti-panic system in case of accidental loss of descent control.

- the descender doesn't have movable flanges. This makes it a robust and mistake-resilient device (quick insertion and release, no need to unclip it for rope insertion)
- new cam tested for higher loads – enhanced braking in both stop positions
- unique way of rope insertion. Diminished possibility of incorrect insertion of the rope. Even incorrect insertions will not result in a fall as the rope is blocked.
- sensitive and longer handle enables smooth descent without harmful rope twisting, gentle and progressive braking (enhanced press stop braking mode)
- rubberized handle provides pleasant feeling, non slip and thermal insulation.

- ergonomically improved curved edges and longer flanges provide the user with a comfortable grip with the handle
- integrated wear indicator
- high strength plain bearing added to the pivoting cam
- all parts in contact with the rope are made of stainless steel – minimum possible wear
- rope diameter: 9-12mm  
9 mm – max. rated load 130 kg  
10-12 mm – max. rated load 200 kg

Weight: 421 g • 14.85 oz • Breaking loads in excess of 22 kN.

Increased maximum rated load to 200 kg. Reduced slippage of the rope to 600 daN. Reduced force required on the handle. CE 0123 • EN 12841 TypeC

## INDY EVO

K01001BB



### Manually operated descender device with double auto-locking system, that locks both when the lever is released or when it is pressed.

INDY EVO is also a descender device (conform to EN 12841 type C) for working rope and it allows a descent at a controlled speed and stop at any time, hands free, on a static rope (EN 1891) or dynamic rope (EN 892).

It allows the lowering of two people at the same time.

Dimensions: 212x58x38 mm

Weight: 485 g • 17.11 oz

Rope Ø 10-12 mm (100 kg)

Rope Ø 11-12 mm (200 kg)

NFPA 1983 (2012 ED)

Rope Ø 10-13 mm (one person only)

CE 0426 • EN 341 • EN 12841

## LIFT

LEFT – RK804BX0L  
RIGHT – RK804BX0R



**NEW**

### Hand ascender for safe and smooth ascent. Extra wide handle and attachment point for two carabiners will fit everyone from bigwall climbers to workers at height or special forces.

- available in two variants – for left and right hand
- stainless steel toothed cam for higher corrosion resistance and for any conditions (frozen or dirty ropes)
- overmolded grip and ergonomic upper part for a comfortable and powerful grip

- wide lower hole allows to connect two screw gate carabiners
- upper hole for clipping a carabiner around the rope

Weight: 190 g • 6.7 oz

Material:

EN 12841 Static rope Ø 10-13 mm

EN 567 Rope Ø 8-13 mm

CE 1019 • EN 567 • EN 12841 type B



### SIR

K032SIR00



**Robust multifunctionality device for use in industrial rope access. Its multifunctionality spans the range from rope descender and abseiling device through fall-arrest device to work positioning device for use on roofs and edges.**

- unimpeded movement of the cam
- by pulling onto the working end of the rope the cam engages and jams the rope
- by pulling the lever the cam gradually releases the rope. If the lever is pulled down to its terminal position the double-stop function is triggered which blocks the rope again
- spring loaded pin for impeded swinging of the cam
- easy and intuitive installation of the device onto the rope. (watch the pictograms and read the instruction of use)
- no hidden mechanisms for easy inspection
- metal lever under all industrial conditions tested for 225 Kg according to EN 12841(rope access)

Weight: 365g • 12.88 oz  
Rope diameter: 10–12 mm  
Working load: 225 kg

EN 341-A Singing Rock static rope  
R 44 11 mm  
EN 12841-C static rope 10–12 mm  
CE 0123 • EN 358 • EN 795 Type B



### CAM CLEAN

RK805BX00



**NEW** **Compact and lightweight chest ascender for safe and smooth rope ascent, rescue and special rope techniques.**

- simple and quick manipulation
- lower hole angled to keep flat position on the harness
- stainless steel toothed cam for higher corrosion resistance and for any conditions (frozen or dirty ropes)
- Upper hole for attaching a PULLER shoulder strap to keep the rope clamp in a correct position

Weight: 125 g • 4.4 oz  
Material:  
EN 12841 Static rope Ø 10–13 mm  
EN 567 Rope Ø 8–13 mm  
CE 1019 • EN 567 • EN12841 type B





## TANDEM PULLEY

RK803BB00



**Double pulley for Tyrolean traverses and zip-lines with two stainless steel sheaves for both textile ropes (13 mm) and steel wire cables (12 mm).**

Each sheave is equipped with a pair of sealed ball bearings for great durability. Hard aluminium alloy body is black anodized and protects the sheaves from damage. Large attachment point can accommodate up to three carabiners. Second attachment point for back-up carabiner or tackle systems building.

strength: 25 kN  
max. Ø rope: 13 mm  
static and dynamic ropes  
12 mm steel cable  
sheave: aluminium alloy  
side plates: aluminium alloy  
sealed ball bearing: steel  
axle: stainless steel  
weight: 290 g • 10.2 oz  
unique production number

CE 1019 • EN 12278

## PULLEY TWIN

RK802EE00

black version – RK802BB00



**Large double pulley for textile ropes for those who need great hauling efficiency, durability and still lightweight pulley.**

- designed and optimized for use with a Prusik friction knot or any clamps
- sealed ball bearing and large diameter of the sheave provides great efficiency 94%
- top attachment point accepts up to three carabiners
- durable and lightweight high-efficiency single pulley for industrial use and hauling systems
- formed side plates provides protection of rope against contact with a surrounding
- fixed-by-forging sheave and anti dust cover of ball bearing provides great lifespan

- side plate holes enable cleaning of the ball-bearing surrounding

bottom attachment point: 12 kN  
strength: 36 kN  
working load: 4x3 kN  
max. Ø rope: 13 mm  
static and dynamic ropes  
sheave: aluminium alloy  
side plates: aluminium alloy  
sealed ball bearing: steel  
axle: stainless steel  
weight: 421 g • 14.9 oz  
unique production number  
CE 1019 • EN 12278

## PULLEY EXTRA

RK801EE00

black version – RK801BB00



**Large single pulley for textile ropes for those who need great hauling efficiency, durability and lightweight pulley.**

- durable and lightweight high-efficiency single pulley for industrial use and hauling systems
- sealed ball bearing and large diameter of the sheave provides great efficiency 94%
- designed and optimized for use with a Prusik friction knot or any clamps
- top attachment point accepts up to three carabiners
- formed side plates provides protection of rope against contact with a surrounding
- fixed-by-forging sheave and anti dust cover of ball bearing provides great lifespan

- side plate holes enable cleaning of the ball-bearing surrounding

strength: 32 kN  
working load: 2x3 kN  
max. Ø rope: 13 mm  
static and dynamic ropes  
sheave: aluminium alloy  
side plates: aluminium alloy  
sealed ball bearing: steel  
axle: stainless steel  
weight: 257 g • 9.1 oz  
unique production number  
CE 1019 • EN 12278



## PULLEY SMALL

RK800EE00  
black version – RK800BB00



**Small pulley for textile ropes for those who occasionally need to build simple hauling systems or manipulate with the objects.**

- lightweight single pulley for hauling and rescue
- brass self lubricating bearing ensures reliable efficiency up to 81 %
- suitable for use with a Prusik friction knot

strength: 22 kN  
max. Ø rope: 13 mm  
static and dynamic ropes  
sheave: aluminium alloy  
side plates: aluminium alloy  
axle: stainless steel  
friction bearing: brass  
weight: 92 g • 3.3 oz  
unique production number  
CE 1019 • EN 12278

## EASY LIFT

K0004BB



**Rescue pulley for progression and evacuation along ski lift cable.**

Max. diameter of steel rope 55 mm  
Sheave PA

- to be connected directly to the carrying cable of ski lift
- intended for evacuation of person during rescue action

**ATTENTION!**

- never use pulley alone – always use together with back-up lanyard
- never use without braking rope

For better traceability and inspection this part is marked with the unique production number.

CE 1015



Roof reconstruction, Poniklá, Czech republic Photo: Jiří Bošek

## LOCKER

W1010BB09



### Guided type fall arrester and work positioning device for 11 mm textile ropes (recommended Singing Rock Static 11).

- Construction of the device allows to release it even when it is loaded
- parking cam for blocking in required position
- unopenable version together with 11 mm sewn-in rope available as SITE – work positioning lanyard
- unique production number

Color: black matt

Weight: 240 g • 8.5 oz

CE 1019 • EN 353-2 • EN 358 • EN 12841

## SITE

200 cm – W1011WB02  
400 cm – W1011WB04  
200 cm + K370 – W1012WB02  
400 cm + K370 – W1012WB04



### The work positioning lanyard with great handling makes your work safe and efficient.

- 11 mm rope sewn-in unopenable version of LOCKER – rope clamp (fall arrester)
- rope covered with tubular webbing
- parking cam for blocking in required position
- also available with stitched-in connector in accordance with EN 362 (K370)

Weight: 560 g (with connector), 410 g (without connector)

Length: 200 cm, 400 cm

CE 1019 • EN 358 • EN 353-2

## SITE LANYARD

200 cm – W1014WB02  
400 cm – W1014WB04



### Certified lanyard with LOCKER fall arrester in accordance to EN 353-2 and EN 358.

- suitable only with LOCKER for creating your positioning lanyard





## BACK-UP

K04000BB

**Fall arrester that follows the user in both directions and stops the possible fall**

- safe and simple to use with one hand only
- shifting the special button on the lock mode, it can be used also as a positioning device or a normal locking device
- supports also the strongest stress in semi dynamic way and it avoids the shocking effects on the ropes caused by the traditional self-locking devices with toothed cams
- connector included

- it can be used also as a positioning device or a normal locking device by shifting the special button on the lock mode.

Weight: 205 g • 7.23 oz (without connector),  
420 g • 14.82 oz (connector included)  
Rope diameter: 10-12 mm  
EN 353-2 • EN 358 • EN 567 • EN 12841 A/B  
CE 0426

## LOCKER SLING

W1015B020

**Certified sling for connection the LOCKER with your harness**

Length: 20 cm • Width: 20 mm  
Strength: 22 kN

CE 1019 • EN 354

## RESCUE POLE

W0023BB00

**Retractable Pole for attaching and removing an anchor remotely**

- Remote rescues
- Pole has a 2.8m reach
- Slim fit shoulder bag with carabiner loop which holds all components
- Stainless steel head which holds Big Connector Giga
- Carabiner holder works with Bora/Hector triple lock carabiner
- Available with three different connectors

**Materials:**

- Fiber glass pole
- Brass bush
- Stainless steel attachments

**connectors:**

W0024XX01 – for BORA/HECTOR  
W0024XX02 – for BIG CONNECTOR  
W0024XX03 – for GIGA CONNECTOR



W0024XX01



W0024XX03



W0024XX02

## TRIPOD

A5000XX01

**NEW**

**Extremely lightweight and portable, easily set-up by one worker aluminium tripod with adjustable locking legs, safety chain, and top pulley. Ideal for economical compliance in many basic con-fined space, fall arrest applications and rescue.**

- 2.26 m high aluminium tripod with corrosion-resistant steel head featuring 3 anchor points
- only 1.22 m high in collapsed setup, weight is 16.6 kg
- 3 Stage telescoping independently adjustable locking legs featuring pin-less adjustment, which allows an extremely quick setup
- 1 built-in overhead pulley with possibility to extend a number of overhead pullies to 3

- safety shoes with spiked edges
- safety leg support chain
- suitable for 2 persons
- this tripod is designed and rated to support an ultimate static test load in excess of 2 250 kg, and is rated for fall arrest with a Safety Factor 2:1 for up to 3 users when used with a self-retracting lifeline or energy absorber with a maximum arrest force rating of 4kN or less

Height: min. 1.22 m, max. 2.26 m

Width: min. 1 m, max. 1.8 m

Weight: 16.6 kg

CE 1015 • EN 795:2012 • CEN/TS 16415:2013

ANSI Z117.1 • ANSI/ASSE Z359.4

OSHA 1910.146

## TRIPOD XL

A5000XX05

**NEW**

- 3,02 m high aluminium tripod with corrosion-resistant steel head featuring 3 anchor points
- Only 1.55 m high in collapsed setup, weight is 19.8 kg

Height: min. 1.55 m, max. 3.02 m

Width: min. 1 m, max. 2.25 m

Weight: 19.8 kg

CE 1015 • EN 795:2012 • CEN/TS 16415:2013

ANSI Z117.1

ANSI/ASSE Z359.4

OSHA 1910.146



Tripod with accessories

TRIPOD ACCESSORIES **NEW**

A5001XX00

## TRIPOD LOCK

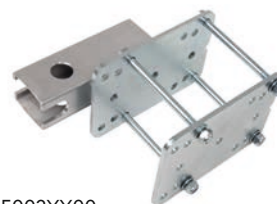
Tripod locking pin system invented to prevent the releasing of legs during transportation.



A5002XX00

## OVERHEAD PULLEY

Additional pulley in case you need to redirect wire rope from a winch, installed on a tripod's leg, to central head. Mounts to the overhead end of the tripod's leg. A pulley is also compatible with a kernmantle rope.



A5003XX00

## WINCH

## CONSOLE

Console to attach winch to a tripod leg.



## DAVIT

Davits have a unique modular design that allows to build a system, which would precisely fit all possible applications in every confined environment. The swiveling davit sets are free standing or attachable to walls, tanks or other entrances. A simple plug-in mechanism allows quick and purposeful installation. To build your davit system, choose an upper davit according to required reach and height, lower mast according to a required height and a fixed or temporary base.

Designed with an integrated, easy to set fall brake system and the ability to mount mechanical devices as winches and retractable fall arresters, our davits provide the customer with peace of mind for years to come.

## UPPER DAVIT, UPPER DAVIT XL

A5050XX01  
XL – A5050XX05



**NEW**

**Upper Davit is designed for use where multiple offset masts are required. For applications with overhead clearance restrictions, the adjustable height (vertical dimension between upper and lower ends of the Upper Davit) and reach (horizontal dimension between lower mast axis and upper end of the Upper Davit) of the variable upper davits can eliminate the need for custom length masts and mast extensions.**

- pin-less adjustment allows fast and easy set-up, dismantle and transport.
- additional attachment point provides a possibility of attaching an SRL or fall absorber with lanyard to secure a lowering person or assistant.
- built-in 2 pulley systems redirect wire ropes from attachment point of the winch or SRL to confined space entry.

Height: min. 117 cm, max. 142 cm  
Reach: min. 50 cm, max. 74 cm  
Weight: 9.5 kg  
CE 1015  
EN 795:2012, Type B  
CEN/TS 16415:2013

### Upper Davit XL

Height: min. 147 cm, max. 170 cm  
Reach: min. 50 cm, max. 74 cm  
Weight: 11.4 kg  
CE 1015  
EN 795:2012, Type B  
CEN/TS 16415:2013



## LOWER MAST, LOWER MAST XL

A5051XX01  
XL – A5051XX05



**NEW**

**Lower mast is used to connect upper davit with a variety of mount bases.**

It provides the flexibility to change the overall mast height of your system in the field. Constructed from anodized and powder coated aluminium, this unit is not only extremely lightweight, it is durable and built to last.

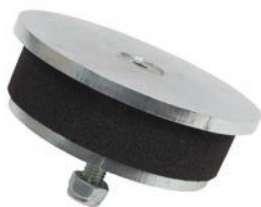
### **Lower Mast XL**

Height: 132 cm  
Weight: 7.3 kg  
CE 1015  
EN 795:2012, Type B  
CEN/TS 16415:2013

### **Lower Mast**

Height: 102 cm  
Weight: 5.4 kg  
CE 1015  
EN 795:2012, Type B  
CEN/TS 16415:2013

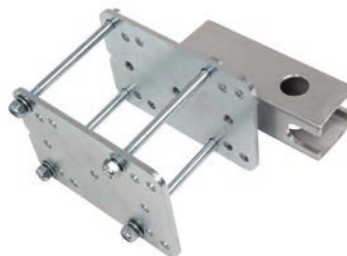
## DAVITS ACCESSORIES **NEW**



A5058XX00

### **SLEEVE CAP**

A cap to prevent dirtying of the fixed sleeve bases. Weight: 0.51 kg



A5059XX00

### **DAVIT WINCH CONSOLE**

Console to attach winch to lower mast of a davit.



## FLUSH FLOOR MOUNT BASE A5051XX00



Fixed flush floor mount base made out of CS-500 steel developed specially for dried concrete.

Weight: 7.8 kg  
€€ 1015  
EN 795:2012, Type A  
CEN/TS 16415:2013

## BARREL BASE

A5052XX00



Portable adjustable barrel mount base made, which fits to every barrel throat hole.

Weight: 34.1 kg  
€€ 1015  
EN 795:2012, Type B  
CEN/TS 16415:2013

## FLOOR MOUNT BASE A5053XX00



Fixed floor mount base made out of CS-500 steel.

Weight: 8.8 kg  
EN 795:2012, Type A  
CEN/TS 16415:2013

## WALL MOUNT BASE

A5054XX00



4-point fixed wall mount base made out of CS-500 steel.

Weight: 4.7 kg  
EN 795:2012, Type A  
CEN/TS 16415:2013

## CORNER MOUNT BASE A5057XX00



A fixed 90° corner base for concrete mount made out of CS-500 steel.

Weight: 14.7 kg  
€€ 1015  
EN 795:2012, Type A  
CEN/TS 16415:2013

## PORTABLE BASE

A5055XX00

Portable Base has 4 independent levelling legs and fits around hole sizes of 1,37 m to 1,90 m in diameter. The davit arm sleeve may be moved left and right to allow the davit to rotate for rescue applications.

Confined space entry size: min. 1,37 m, max. 1,9 m • Weight: 27.7 kg  
€€ 1015  
EN 795:2012, Type B  
CEN/TS 16415:2013



## WINCH

Winch 18  
Winch 30Winch 45  
Winch 60**NEW**

**Hi-end hand operated winch for an easy and jolt-free lifting and lowering of persons and loads.**

- ergonomic carrying handle
- break wear indicator
- removable cranking handle with additional handle for quicker operation in case of lower loads
- secondary Brake (meets ANSI Z359.4-2007 requirements)
- hardened Steel Drive Gears
- swiveling snap hook with impact indicator
- 5mm Stainless Steel rope
- high Impact Resistant Plastic Cover
- possibility of power drive attachments

Max. load: 140 kg  
(280 kg with a pulley system)  
Cable length: 18 m / 30 m / 45 m / 60 m  
Weight: 14 kg / 15.2 kg / 18 kg / 19.5 kg

EN 795:2012  
EN 12100:2011  
EN 614-1+A1:2009  
EN 1496:2007  
EN 13157+A1:2010  
EN 1808:2015

OSHA 1910.146  
OSHA 1926.502  
ANSI/ASSE Z117.1-2003  
ANSI/ASSE Z359.4-2007



Roof maintenance, Poniklá, Czech republic Photo: Jiří Bošek





### RETRACTABLE TYPE FALL ARRESTERS:

This part of your safety system allows you to move freely within a certain distance during your work and absorbs the impact in the event of a fall. All devices are certified according to EN 360:2002, some of them are suitable for rescue purposes according to EN 1496:2007. SRL (self-retracting lanyard) devices are self-retractable, while winches are manually operated.

**INOS line** is an economical solution for light use consisting of 4 models of SRLs with most common length of wire rope or webbing lifeline – 3,5 m, 6m, 10m, 20m. Each package includes an accessory cord for lowering the connector of the devices. INOS line is possible to use only for vertical fall arrest. It is an ideal device for scaffolds, ladders and pylons.

**IKAR line** is an ultimate hi-end range with a variety of solutions to cover all possible needs. These sturdy, low-maintenance height safety devices with webbing or galvanized steel lifeline are offered mainly in aluminium case featuring a rotational attachment swivel to better ergonomics and long lifetime. IKAR devices function in any location position and have been tested in a simulated fall trial over an edge according to CNB 11.060 2008 sharp edge type A (with exception of HRA series). Connectors incorporate a fall indicator for easier inspection.

### INOS 3.5

W1501XX03



**Retractable fall arrester in aluminum case.**

- Compact size and light weight. Strong attachment point
- Polyester webbing with a width 25 mm and a length of 3.5 m.
- Working load 140 kg. Strength limit: 15 kN

Accessory cord length: 4.1 m  
Weight: 1,9 kg • 4.2 lb  
CE 0120, EN 360:2002



INOS accessory cord

### INOS 6N

W1502XX06



**Retractable fall arrest system in plastic case made of ABS. High impact resistance and long lifetime.**

- Oval design for easy grip. Strong attachment point
- Polyester webbing with a width 20 mm and a length of 6 m.
- Working load 140 kg. Strength limit: 15 kN

Accessory cord length: 6.6 m  
Weight: 2,1 kg • 4.63 lb  
CE 0120 • EN 360:2002

## INOS 10

WI505ZZ10



**Retractable fall arrest system in plastic case made of ABS. High impact resistance and long lifetime.**

- Oval design for easy grip. Strong attachment point.
- Steel cable with a diameter 4.8 mm and a length of 10 m.
- Working load 140 kg. Strength limit: 12 kN

Accessory cord length: 10.6 m  
Weight: 5,7 kg • 12.6 lb  
CE 0120 • EN 360:2002

## INOS 20

WI505ZZ20



**Retractable fall arrest system in plastic case made of ABS. High impact resistance and long lifetime.**

- Oval design for easy grip. Strong attachment point.
- Steel cable with a diameter 4.8 mm and a length of 20 m.
- Working load 140 kg. Strength limit: 12 kN

Accessory cord length: 20.6 m  
Weight: 10 kg • 22 lb  
CE 0120 • EN 360:2002

## IKAR HWB

IKAR HWB 1.8 – A4000W018  
IKAR HWB 3.5 – A4000W035



**NEW**

**Textile fall absorber free self-retractable arrester featuring a rotating attachment swivel and a connector with fall indicator.**

- lightweight aluminium housing with a webbing lifeline
- swivel eye attachment point
- sewn in load indicator on lifeline
- additional testing against falls over edges ( $r \geq 0,5\text{mm}$ )
- steel double action hook on end of lifeline
- block can be attached to an anchorage point or safety harness

Weight: 0.7 kg / 1.1 kg  
Length: 1.8 m / 3.5 m  
Working load: 136 kg

CE 0229, EN 360, ANSI/ASSE Z359.1-2007, ANSI/ASSE Z359.14-2014, CSA Z259.2.2



### IKAR HWS

IKAR HWS 6 – A4000S060  
IKAR HWS 12 – A4000S120  
IKAR HWS 24 – A4000S240

**NEW**

**Self-retractable arrester featuring a rotating attachment swivel and a connector with fall indicator.**

- lightweight aluminium housing with a galvanised steel cable lifeline
- swivel eye anchor attachment point
- additional testing against falls over edges ( $r \geq 0,5\text{mm}$ )
- steel double action hook on end of lifeline

Weight: 3 kg / 5.4 kg / 8.4 kg  
Length: 6 m / 12 m / 24 m  
Working load: 136 kg

CE 0229, EN 360, ANSI/ASSE Z359.1-2007, ANSI/ASSE Z359.14-2014, CSA Z259.2.2

### IKAR H

IKAR H 33 – A4002BS33  
IKAR H 42 – A4002BS42

**NEW**

**Self-retractable arrester featuring a connector with fall indicator.**

- lightweight aluminium housing with a galvanised steel cable lifeline
- fixed handle anchor attachment point
- additional testing against falls over edges ( $r \geq 0,5\text{mm}$ )
- steel double action hook on end of lifeline

Weight: 18 kg / 27.2 kg  
Length: 33 m / 42 m  
Working load: 136 kg

CE 0229, EN 360, ANSI/ASSE Z359.1-2007, ANSI/ASSE Z359.14-2014, CSA Z259.2.2

### IKAR HRA

IKAR HRA 18 – A4004BS18  
IKAR HRA 33 – A4004BS33

**NEW**

**Self-retractable arrester with built in two-way rescue/ recovery mechanism. Fall arrest device with rescue lifting and lowering facility, equipped with a recovery mechanism operated by a device mounted handle. After an arrested fall, or if the user becomes incapacitated at the bottom of a shaft, the recovery mechanism can easily be engaged by a second person to raise or lower the person to a place of safety.**

- lightweight aluminium housing with a galvanised steel cable lifeline
- fixed handle anchor attachment point

- with release pin and two-way winding handle, to engage rescue/recovery mode
- steel double action hook on end of lifeline

*HRA is not suitable for use over a leading edge and has not been edge tested.*

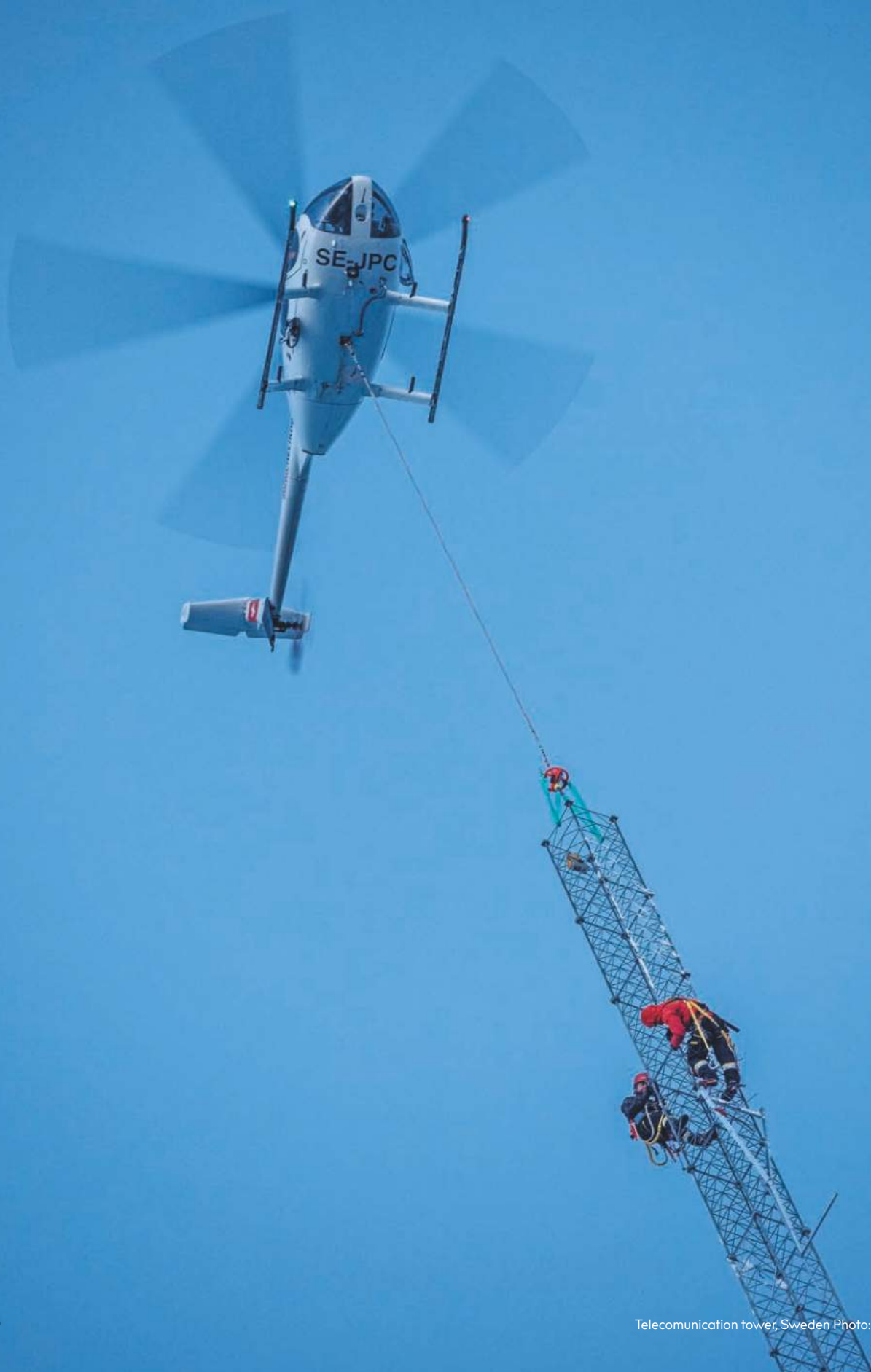
Weight: 11.5 kg / 21 kg • Length: 18 m / 33 m  
Working load: 136 kg

CE 0229, EN 360, EN 1496, ANSI/ASSE Z359.1-2007, ANSI/ASSE Z359.14-2014, CSA Z259.2.2





Dam Šance, Beskydy mountains, Czech republic Photo: Petr Piechowicz





MOBILE ANCHORING SYSTEM  
FALL ABSORBERS  
EQUIPMENT FOR CHECKING  
PPE

## SLINGS AND LANYARDS





## OPEN SLING 22 KN



sewn sling, width: 19 mm

	[cm]	[in]	kN	type
W2001*060	60	24	22	
W2001*080	80	32	22	
W2001*120	120	47	22	
W2001*150	150	60	22	

CE 1019 • EN 566 • EN 795B • EN 354

## EYE SLING 30 KN



sewn sling made of two layers of strength strap,  
wear indication  
width: 23 mm

	[cm]	[in]	kN	type
W2004*060	60	24	30	
W2004*080	80	32	30	
W2004*120	120	47	30	
W2004*150	150	60	30	

CE 1019 • EN 354 • EN 795B

## SLING LANYARD 22 KN



sewn sling made of two layers of strength strap,  
wear indication  
width: 23 mm

	[cm]	[in]	kN	type
W2016*060	60	24	22	
W2016*080	80	32	22	
W2016*120	120	47	22	
W2016*150	150	60	22	

CE 1019 • EN 354 • EN 795B



## LANYARD "I" 22 KN



lanyard  
rope diameter: 10,5 mm

	[cm]	[in]	kN	type
W2300W060	60	24	22	
W2300W080	80	32	22	
W2300W120	120	47	22	
W2300W150	150	60	22	

CE 1019 • EN 354 • EN 795B

## LANYARD "V" 22 KN



lanyard  
rope diameter: 10,5 mm

	[cm]	[in]	kN	type
W2200W001	25/45	10/17	22	
W2200W002	25/65	10/30	22	
W2200W100	100/100	40/40	22	

CE 1019 • EN 354

## ANCHOR LANYARD "I"

W2360WR  
black version – W2360BB



22 kN  
anchor device  
rope diameter: 11 mm  
Length: 2, 5, 10, 15, 20 m  
or on customer's request

CE 1019 • EN795B



## LARA



**Lanyard and anchor device for working in height made from dynamic rope. Its energy absorption capabilities significantly decrease impact force, however LARA IS NOT energy absorber.**

LARA is tested according to EN 354 for lanyards and also according to EN 795B for the anchor devices. Both ends of the rope are terminated with stitched eyes for placing carabiners. Strength seam is protected with a plastic cover. Singing Rock recommends using carabiners with sling/rope fixation, which do not scroll in the loop and are all the time ready for use. LARA forms part of a fall arrest system and shall be used appropriately.

**WARNING:** LARA lanyard can not be used as a fall absorber!

lengths: 60, 80, 120, 150 cm

	[cm]	[in]	kN	type
W2100X060	60	24	22	
W2100X080	80	32	22	
W2100X120	120	47	22	
W2100X150	150	60	22	

CE 1019 • EN 354 • EN 795 Type B

## TRACK PLUS

W1036W130



**Adjustable anchoring strap and work positioning lanyard**

- length adjustment from 80 to 130 cm

CE 1019 • EN 354 • EN 358 • EN 795 B

## ADJUST

W1047Y100



**NEW**

**Adjustable lanyard with a steel single buckle and a handle, which allows to adjust a length under the tension.**

Weight:

Length:

CE 1019 EN 354 EN 795 B

## STEEL ANCHOR

300 cm – RK851XX03  
500 cm – RK851XX05



**Steel anchoring device ideal for tree care or welding at height.**

- Steel wire cable with the diameter 6 mm is protected by thick PVC tube. Outer diameter of the tube is 13 mm.
- available in two lengths with different loop colors

Material: zinc plated steel covered by PVC  
Strength: 15 kN  
Length: 300, 500 cm • 9.8 ft, 16.4 ft  
Weight: 730 g • 25.8 oz  
1150 g • 40.6 oz • 1019 • EN 795B

## STEEL LANYARD "I"

yellow – RK850X100  
blue – RK850X130  
red – RK850X180



**Steel connecting and anchoring device ideal for tree care or welding at height.**

- Steel wire cable with the diameter 6 mm is protected by thick PVC tube. Outer diameter of the tube is 13 mm.
- both ends finished with a fixed eye
- combination of very good strength and durability
- available in three lengths with three different loop colors
- unique production number

Material: zinc plated steel covered by PVC  
Strength: 15 kN  
Length: 100, 130 and 180 cm • 39, 51 and 71 in  
Weight: 295 g • 10.4 oz • 350 g • 12.3 oz • 460 g • 16.2 oz  
1019 • EN 354 • EN 795B

## AXILLAR

W0003BY09



**Rescue sling to secure evacuated persons against**

accidental fall during the rescue action (e.g. ski lift evacuation).  
Weight: 355 g  
EN 1498 type A



## SAFETY CHAIN

C2419X  
black – C2419B



### The safest classical daisy chain for aid climbing on the market.

- innovated daisy chain with patented double loop at the end provides safe and adjustable attachment for the climber to the anchor point
- avoids dangerous use of the traditional daisy chain
- can be shortened to any loop safely without using more than one carabiner or unclip the first loop

- 16 mm polyamide webbing provides longer lifetime

Length: 120 cm / 48 in (9 loops)

140 cm / 56 in (11 loops)

Strength: 22 kN / 3,5 kN individual loop

Weight: 102 g • 3.6 oz

€ 1019 • EN 566 •

## SLINGS 16 MM

C2075



### Light and strong nylon slings for multiple use at traditional protection.

- versatile, strong and extremely durable
- for better gear management available in different colors in the lengths from 60 to 150 cm.

Width: 16 mm

Material: polyamide

Strength: 22 kN

Length: 30, 60, 80, 120, 150 cm /

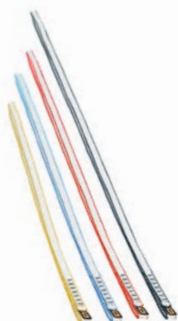
12, 24, 32, 48, 60 in

Weight: 48 g (60 cm) / 1.7 oz (24 in)

€ 1019 • EN 566 •

## DYNEEMA SLINGS 11 MM

C2001



### Light, thin and still very strong slings for the trad climbing.

- ideal for all applications where the weight and strength come first
- for better gear management available in different colors in the lengths from 60 to 150 cm.

Width: 11 mm

Material: dyneema

Strength: 22 kN

Length: 60, 80, 120, 150 cm / 24, 32, 48, 60 in

Weight: 27 g (60 cm) / 0.95 oz (24 in)

€ 1019 • EN 566 •

## QUICKDRAW SLINGS 16 MM

C2085



### Designed for your own easy quickdraw customization.

- light, durable and easy to grab
- available in different lengths to create your quickdraws

Width: 16 mm

Material: polyamide

Strength: 22 kN

Length: 11, 13, 16, 20 and 30 cm /

4.4, 5.2, 6.4, 8 and 12 in

Weight: 12 g (11 cm) / 0.42 oz (4.4 in)

€ 1019 • EN 566 •



## QUICKDRAW SLING DYNEEMA 11 MM

C2000



**Ideal for your own easy quickdraw customization or the replacement of the worn sling.**

- 11 mm wide dyneema sling offers an excellent weight to strength ratio

Width: 11 mm  
Material: dyneema  
Strength: 22 kN  
11, 13, 16, 20 and 30 cm / 4.4, 5.2, 6.4, 8 and 12 in  
Weight: 8 g (11 cm) / 0.28 oz (4.4 in)  
CE 1019 • EN 566 •

## DYNEEMA SLING 8 MM

C2004



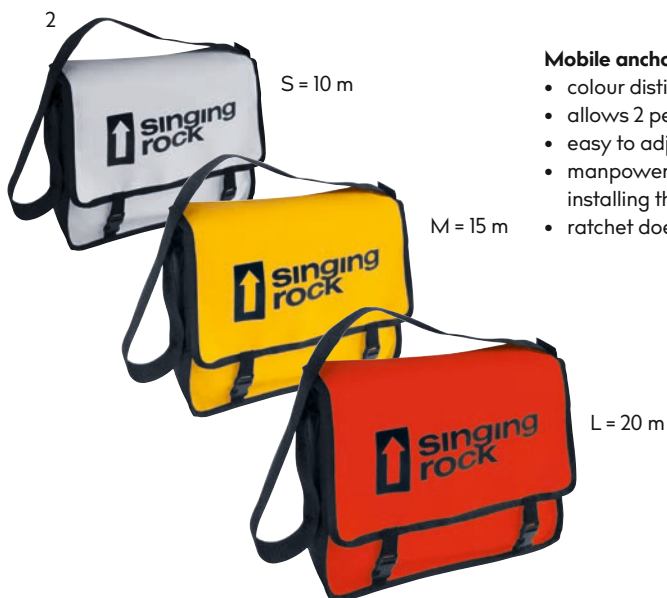
**This 8 mm sling is ideal for all applications where weight and strength come first.**

Length: 60 cm, 120 cm / 24 in, 48 in  
Weight: 21 g (60 cm) / 0.74 oz (24 in)  
Strength: 22 kN

CE 1019 • EN 566 •

## FINE LINE

## mobile anchoring system

**Mobile anchoring system**

- colour distinction of the lengths
- allows 2 persons movement
- easy to adjust and manipulate
- manpower sufficient for fastening when installing the system
- ratchet does not damage the webbing

W1001WW10	Fine line 10 (1)
W1001WW15	Fine line 15 (1)
W1001WW20	Fine line 20 (1)
W1002WS10	Fine line bag 10 (2)
W1002WY15	Fine line bag 15 (2)
W1002WO20	Fine line bag 20 (2)

CE 1019 • EN 795 B





### FOOTER II

W1024BX

**Ascender webbing without maillon**

Dimension:

Min. length: 50 cm (19.7 in)

Max. length: 150 cm (59 in)

Weight: 145 g • 5.11 oz

Max. load: 200 kg

Rock&amp;Lock smart buckle (steel).

### FOOTER II COMPLETE

W1025BX

**Ascender webbing with maillon**

Dimension:

Min. length: 50 cm (19.7 in)

Max. length: 150 cm (59 in)

Weight: 180 g • 6.35 oz

Max. load: 200 kg

Rock&amp;Lock smart buckle (steel)

### SUSPENSION TRAUMA SAFETY STRAP

W1029BX00

**Auxiliary sling preventing effects of suspension trauma after a fall.**

- helps to relieve pressure in the groin area while a worker is awaiting rescue
- easy to attach to a harness using a girth hitch and velcro strap
- plastic cover increases resistance during normal working activities
- patented Rock&Lock buckle ensures easy length adjustment
- colored stepping loop

Weight: 63 g • 2.2 oz

Material: polyamide

## JACOB

C2150BY



Ultra light six step ladder  
Steps reinforced with plastic to hold its  
shape even under load.

Maximum load: 500 kg.  
Maximum load for grab loop 100 kg.  
Length: 150 cm (59 in)  
Weight: 210 g • 7.4 oz

## JACOB DYNEEMA

C2151BY00

**Versatile and ultra light ladder.**

- used for aid climbing and work at height
- any cell may be loaded in any directions, which can become useful in emergency situations
- strength of each loop – 22 kN
- may be also used as an open sling for the anchoring

Length: 140 cm (55 in)  
Weight: 140 g • 4.9 oz  
CE 1019, EN 566, EN 354



Roof reconstruction, Poniklá, Czech republic Photo: Jiří Bošek



## FLAT WEBBING

C0035AO12



- width of webbing 16 mm (0.63 in)
- made of low stretch PES
- max. length 120 m (393 ft)
- weight: 37,7 g/m
- strength: 15 kN

CE 1019 • EN 565

## TUBULAR WEBBING

black – C0037BB12  
red – C0037RR12



- width of webbing 20 mm (0.79 in)
- made of low stretch PES
- max. length 120 m (393 ft)
- weight: 38,2 g/m (black), 39,4 g/m (red)
- strength: 16 kN (black), 17 kN (red)

CE 1019 • EN 565

## PULLER

S1100BY



### Accessory webbing for chest ascender fixation

- fixes chest ascender in right position
- fixed by accessory sling or a mailon carabiner to front/back
- attachment point on the harness

Color: black  
Size: UNI  
Width: 25 mm

## TOOL HOLDER

W1028BY00



### Elastic sling to attach the tools to the harness which makes the loss of the tool impossible.

- designed to provide comfortable work while working with the tools at height
- high durability and flexibility
- steel weldet eye
- length of the sling can be extended up to 130 cm

Material: PES, PAD, steel, elastic fibre  
Load capacity: 3 kg  
Weight: 30 g • 1.06 oz  
Lenght: 70 cm, (130 cm fully extended)

Never use this sling for belaying!



## REACTOR 140

W4400WW00

### NEW

Shock absorber used primarily by workers on a structures, ladders and pylons. Lightweight, practical shape does not restrict users at the work. Newly designed for users with a maximum weight of 140 kg (including equipment).

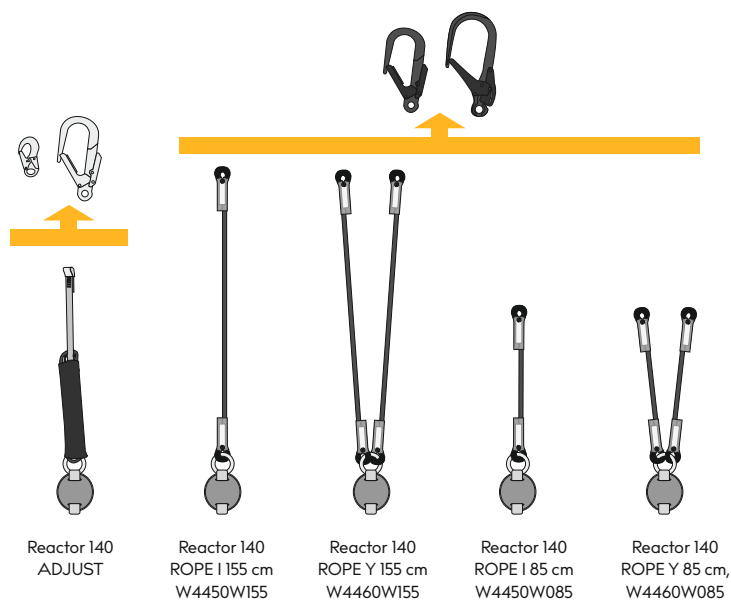
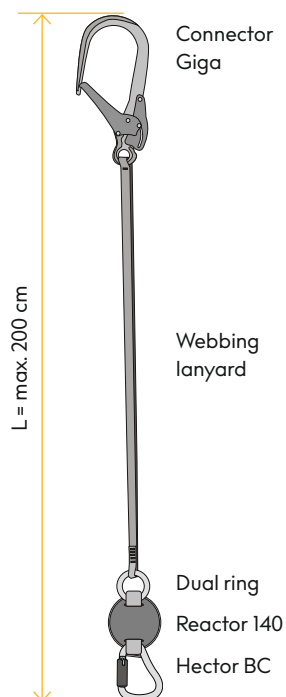
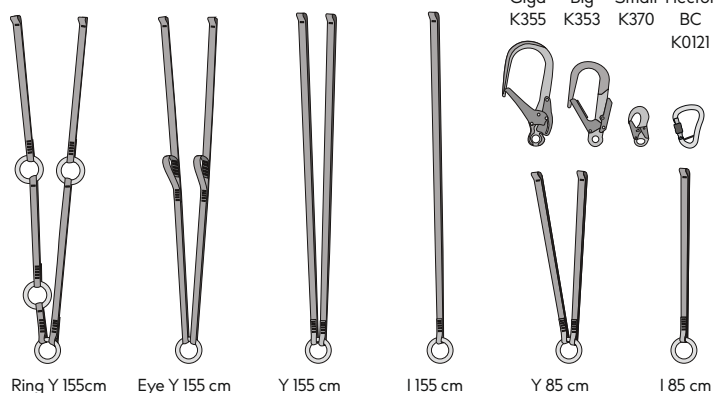
- designed to safely capture a person weighing 140 kg (including equipment)
- maximum active breaking length of shock absorber is 175 cm
- optional length of lanyards for diverse work
- zipper around the perimeter of the cover for easy inspection of the energy absorber
- intact, orange indicator of energy absorber activation

- any EN 362 certified connector can be sewn into the attachment loop
- orange indicator is threaded through the attaching loops and indicates an actual damage
- cover is made from black synthetic rubber and Cordura with PU coating
- oval shape for easy grip
- different webbing lengths are produced on customer's request












Weight: 170 g • 6 oz (without any connector and lanyards)  
WLL: 140 kg  
CE 1019 • EN 355



### Lanyards and connectors:





	Type		Code	Connectors	Length of system [cm]	Weight [g]
	„I“ 85 cm	1	W4410W085	–	85	250
		2	W4411W085	K370	100	400
		3	W4412W085	K535	110	750
		4	W4413W085	K355	120	1230
	„I“ 155 cm	5	W4410W155	–	155	290
		6	W4411W155	K370	170	440
		7	W4412W155	K535	180	830
		8	W4413W155	K355	190	1270
	„Y“ 85 cm	9	W4420W085	–	85	210
		10	W4421W085	2x K370	100	610
		11	W4422W085	2x K535	110	1290
		12	W4423W085	2x K355	120	2210
	„Y“ 155 cm	13	W4420W155	–	155	390
		14	W4421W155	2x K370	170	690
		15	W4422W155	2x K535	180	1390
		16	W4423W155	2x K355	190	2310
	EYE „Y“ 85 cm	17	W4430W155	–	155	390
		18	W4433W155	2x K355	190	2310
	RING „Y“ 155 cm	19	W4440W155	–	155	530
		20	W4441W155	2x K370	170	830
		21	W4442W155	2x K535	180	1510
	ADJUST	22	W4470Y100		100–160	420
		23	W4471Y100	2x K370	115–175	570
		24	W4472Y100	2x K355	125–185	920
	REACTOR 140 ROPES „I“ 85 cm	25	W4450X085		85	290
		25	W4452X085	K353	110	790
		26	W4453X085	K353	120	1260
	REACTOR 140 ROPES „I“ 155 cm	27	W4450X155		155	370
		28	W4452X155	K353	180	870
		29	W4453X155	K353	190	1340
	REACTOR 140 ROPES „Y“ 85 cm	30	W4460X085		85	400
		31	W4462X085	2x K353	110	1400
		32	W4463X085	2x K355	120	2340
	REACTOR 140 ROPES „Y“ 155 cm	33	W4460X155		155	520
		34	W4462X155	2x K353	180	1520
		35	W4463X155	2x K355	190	2460

## REACTOR 3

W4320WW00



Reactor 3 I



Reactor 3 Y



Reactor 3 Ring Y



Reactor 3 Eye Y

**Shock absorber**

- parts exposed to abrasion covered with a tubular webbing
- shock absorber covered with a textile sheath.
- shock absorber can be easily taken out and dried.
- methodical and identification label is placed inside the textile cover
- light alloy ring enables to shorten a webbing in a half

- different webbing lengths are produced on customer's request
- connectors and shock absorber cannot extend 2 m
- possibility to stitch-in a connector (EN 362)
- length of completely ripped out fall absorber 140 cm

CE 1019 • EN 355

Small connector  
K370 – alloy  
K369 – steelBig connector  
K353connector GIGA  
K355

type	code	connectors	length inc.
shock absorber			cm
I 85 cm	W4330W085	85	
	W4331W085	K370	105
	W4334W085	K369	105
	W4332W085	K353	117
	W4333W085	K355	127
I 155 cm	W4330W155		155
	W4331W155	K370	165
	W4332W155	K353	187
	W4333W155	K355	197
Y 85 cm	W4340W085		85
	W4341W085	2xK370	105
	W4344W085	2xK369	105
	W4342W085	2xK353	117
	W4343W085	2xK355	127
Y 155 cm	W4340W155		155
	W4341W155	2xK370	165
	W4342W155	2xK353	187
	W4343W155	2xK355	197
EYE Y 155 cm	W4353W155	2xK355	197
RING Y 155 cm	W4370W155		157
	W4371W155	2xK370	167
	W4372W155	2xK353	182



### JOULE

70 cm – W4100Y070  
120 cm – W4100Y120  
160 cm – W4100Y160



#### Fall absorber

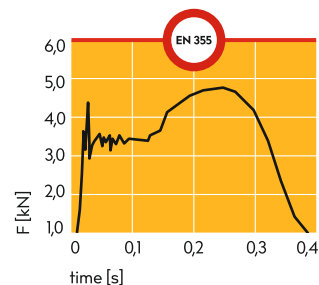
The fall absorber Joule presents optimal solution for securing persons working on horizontal constructions and roofs. Joule is activated after reaching the load of 2 kN (200 kg). Minimal guaranteed strength after the breaking action is 15 kN.

CE 1019 • EN 355

JOULE 70 is possible to use with the fall absorber LOCKER, for working situation which requires longer distance from the safety line.

EN 353-2, EN 355

*This is not a final product, this set is necessary to set up from the separate parts.*



Telecommunication tower, Sweden Photo: Pavel Nesvadba





Helicopter rescue, Jizera valley, Czech republic Photo: Jan Zámečník



## ROOFER SET

ROOFER SET 10 – M0020X1  
ROOFER SET 20 – M0020X2

**Roofer set is ideal for those, who are fully devoted to roofing. It allows you to position yourself on a roof with up to 45° angle to prevent a possible fall due to slippage or breaking of a structure.**

Set contains:

W0075DR

Sit worker 3D standard

W1011WB20

SITE – Locker+Static 11mm, (ROFER SET 10 – 10 m,  
ROFER SET 20 – 20m)

W2016X120

Sling lanyard 120, 22 kN (double safety sling)

K0018AA00

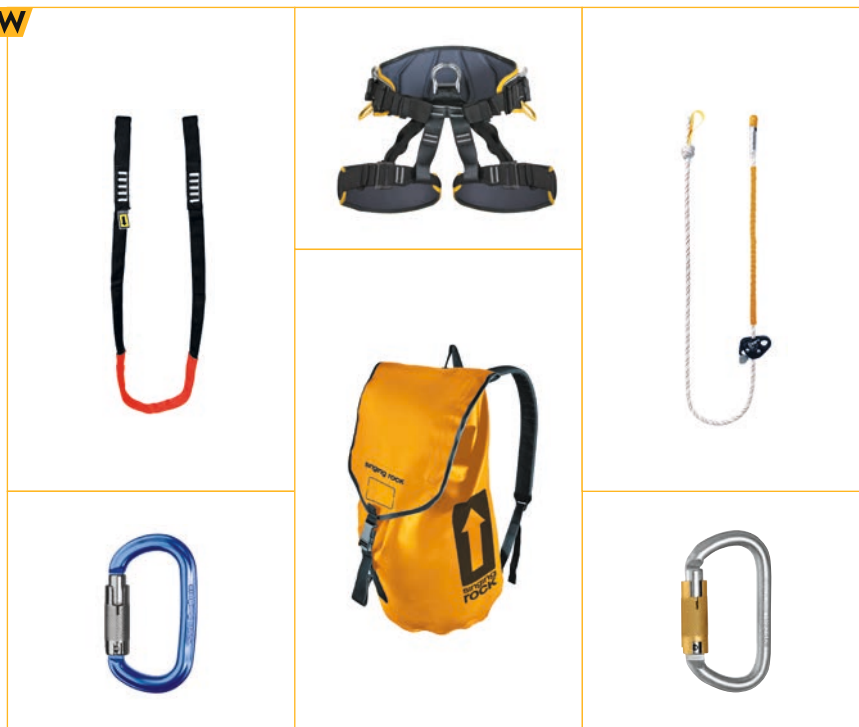
Carabiner OZONE Triple Lock

K4241ZO07

STEEL OVAL carabiner, Triple Lock

S9000YY35

GEAR BAG 35 L YELLOW

**NEW**

## PPE INSPECTION SET

equipment for checking of PPE

M000XSET

X1023

Monty bag

X0013XX02

Wire (diameter 2 mm)

X0015XX00

Marker of textile PPE

X0016XX00

Gas Hot Knife

X0017XX00

Sliding Gauge

X0018XX00

Measuring Tape

X0019X400

Silicon Based Lubricant

X0020XX00

Illuminated magnifier

X0004GB00

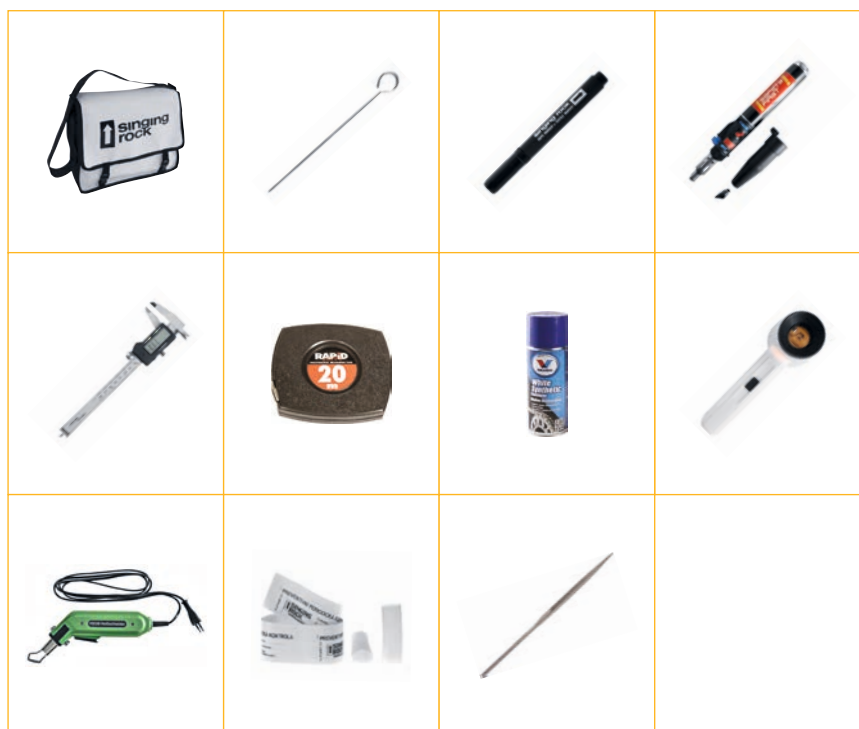
Thermocutter

L9991WB

Periodic control labels + plastic  
films (price per package)

E0014XX00

File



## SCAFFOLDER SET

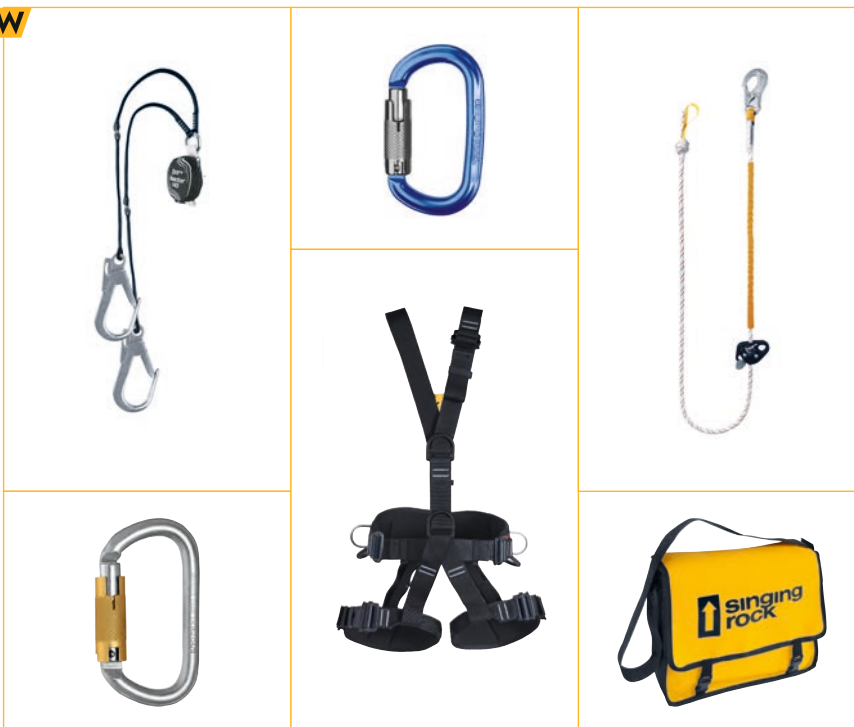
M0021XX

**Scaffolder set is intended for those, who install scaffolds or work on tall structures and towers. It allows you to reach safely a place of work and position there for work.**

Set contains:

W0063BB	Technic harness
W4442W155	Reactor 140 RING „Y“ 155 cm + 2xK353
W1012WB02	SITE 2M + K370
K0018AA00	CAR. OZONE Triple Lock
K4241ZO07	STEEL OVAL CARABINER, TRIPLELOCK
W1023YY00	MONTY BAG YELLOW

NEW



## FALL ARRESTER SET

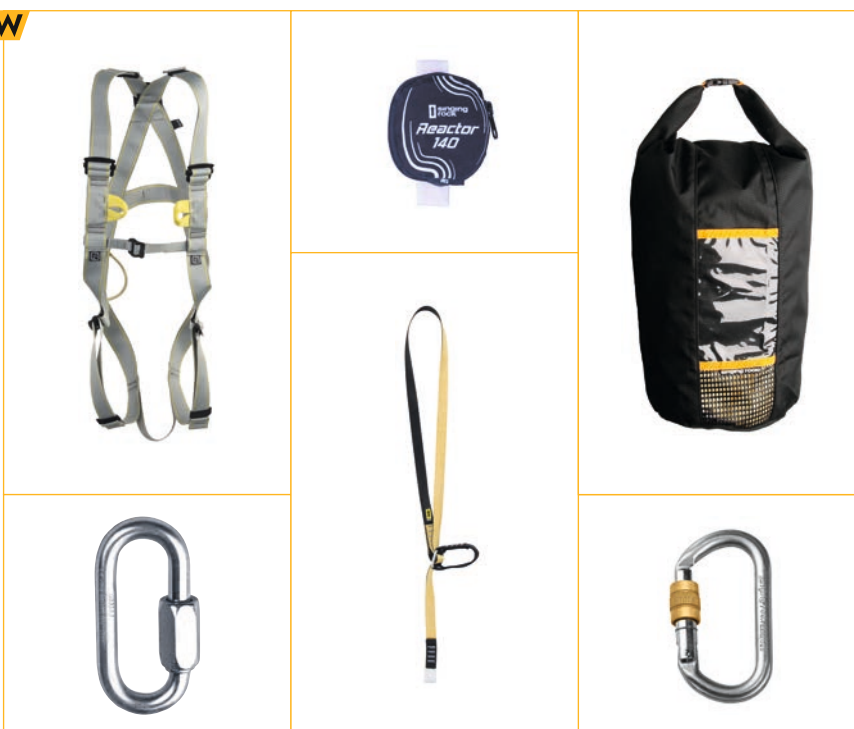
M0022XX

**Set intended for work restraint situations or attaching to anchor lines. Versatile and lightweight set contains:**

Set contains:

W0089SY	BASIC HARNESS
W4400WW00	Reactor 140 fall absorber
W1047Y100	ADJUST (adjustable sling)
K82008Z	Mailon Small Oval 2x
K4241ZO05	STEEL OVAL CARABINER, SCREW GATE
W0052B010	WORKING BAG 10L

NEW







## ACCESSORIES AND PROMOTIONAL





## TARP DUFFLE

70 litres – C0046BB70  
90 litres – C0046BB90  
120 litres – C0046B120



### Expedition bag 70, 90, 120 l

It's not your average duffel bag... Made from a durable laminate material, the TARP DUFFLE is an almost indestructible bag. Resilient enough to be roughed up in-flight, or to be transported up a mountain via a yak or off-road vehicle, this is one burly duffel bag.

For longer trips, grab the 120 litres size so you have enough room for all your gear

- Alpine-cut shoulder straps
- Dual daisy chains
- Twin haul handles on ends
- Rugged construction with extra bartacks and double stitching

- Four compression straps
- Internal mesh pockets
- Pocket on top

Capacity: 70 l, 90 l, 120 l

Color: black

Max. load: 20 kg, 23 kg, 23 kg

Weight: 1820 g (70 l), 2270 g (90 l), 2720 g (120 l)

Material: PVC

GEAR BAG 35 l black – S9000BB35

GEAR BAG 35 l yellow – S9000YY35

GEAR BAG 35 l red – S9000RR35

GEAR BAG 50 l black – S9000BB50

GEAR BAG 50 l yellow – S9000YY50

## GEAR BAG



### Transport bag for your gear

- waterproof, durable and washable
- very convenient to carry your gear
- takes up little space and stays dry
- transparent pocket (A4) on the top flap for your documents
- intended for speleology and working at heights
- minimum amount of seams
- main seams feature HF welding

Colors: yellow, red and black

Capacity: 35 and 50 litres

Material: PVC

Weight: 700 g • 24.7 oz – 35 l version

## CARRY BAG

C0001YY00



### Practical bag intended for storage and transport of ropes as well as other gear.

- made from durable and washable material
- plastic reinforcements keep the bag self-standing
- due to its shape it is easy to store the rope and rigging tools properly
- very convenient to carry your gear
- reinforced ergonomic plastic handle to haul the bag
- loop on the bottom to shake out the gear and dirt
- water resistant
- side pocket for the accessories
- 2 steel rings for shoulder strap to carry the bag easily
- fast closing system

Color: yellow/black

Dimension: 30x40(58) cm

Max. load: 28 kg

Capacity: 28 + 10 l

Material: PVC

Weight: 940 g • 33.16 oz

## MOVEMENT BAG

C0073BY00



**Resistant traveling bag with the wheels for your climbing adventures, business trips or work at height missions.**

- large u-shaped opening with heavy duty double zippers provides easy access to contents. Zippers can be easily locked with a padlock
- convenient side pocket allows you to keep e.g. footwear separate from clothing
- durable webbing straps and grab handle with reinforced stitching
- smooth rolling with all-terrain wheels for effortless mobility
- durable internally constructed push button locking handle adjusts to multiple heights for comfort whether gliding or pulling the bag

- side organization pocket for all of your travel needs
- heavy-duty PVC fabric backing
- rubberized, textured corner protectors guard against wear and tear at critical contact points
- plastic piping reinforce high friction zones
- one internal accessory pocket provide easy packing organization

Dimension: 77 x 39 x 38 cm

• 30.3 x 15.4 x 15.0 in

Capacity: 110 litres

Max. load: 23 kg

Weight: 4600 g (10.1 lb)

## MONTY BAG

W1023



**Bag for your gear and documents**

- adjustable shoulder strap
- made of high resistant and durable fabric POLYMAR
- washable
- durable material
- colors: grey, yellow, orange, red

## WORKING BAG

W0052B010  
XL – W0052B012



**Transport bag for working harnesses – also suitable as a gear bag for tools**

- made from high abrasion resistant material PES 600 g/m<sup>2</sup>
- simple closing system with a plastic buckle
- net on the bottom for better airflow (the bag is not waterproof)
- transparent pocket for the name tag or instruction of use
- wide opening for easier putting in the harness or gear
- inside stitching covered by lace webbing
- suitable for 30m rope (10.0 mm)

Color: black

Weight: 125 g / 130 g • 4.4 oz / 4.6 oz

Material: PES

Capacity 10 / 12 litres



## POUCH

C0072BB00



### General purpose pouch.

- closing with strong Velcro
- secure attachment loop to attach it to the belt or a harness
- strong abrasion resistant nylon fabric

Dimension: 10 x 6 x 11 cm

(4 x 2.4 x 4 in)

Weight: 42 g • 1.48 oz

## FIRST AID BAG – LARGE

C0058RR00



(without the content)

- ideal for all of those who wish to choose -their own content
- bright colour increases the visibility in a bad weather or inside the backpack
- big attachment loop
- insert compartments in different sizes
- zipped big mesh pocket
- inside buckle with the emergency whistle
- high-durable material for the use in demanding conditions.

Dimension: 22 x 18 x 5 cm

material: polyamid, polyester

weight: 189 g • 6.7 oz



## FIRST AID BAG

C0053RW



(without contents)

### Compact and light first aid bag for minimalists

- ideal for all of those who wish to choose their own contents.
- all-round zip fastener with reflective component guarantees a good overview and easy access.
- two attachment loops;
- insert compartment in different sizes; zipped mesh pocket
- velcro attachment loop on the harness or a hip strap of backpack
- easily removable from the harness by one hand
- emergency whistle included

Dimension: 13 x 10 x 5 cm

material: polyamid, polyester

Weight: 61 g • 2.14 oz





## TOOL BAG

W0008BS

**Hardware carrier and organizer**

- made of high resistant and durable fabric POLYMAR
- inside and outside pockets for hardware
- intended to be attached directly to the harness via carabiner or using additional waist belt
- well arranged
- easy to maintain
- maximum load – 10 kg
- dimension – 23 x 23 x 9 cm

*Carabiner is not included.*

## ROCK HAMMER

RK750XX00

**Classic rock hammer for work at height.**

- anti-vibration rubber handle
- attachment point in the handle for the accessory cord
- clip-in point in the head for easier handling

Length: 30 cm • 11.8 in  
Weight: 590 g • 20.8 oz



Drawbridge, Donpu, Taiwan Photo: Amous Lu



## WORKING PANTS

W9801BY

**NEW****Lightweight and highly flexible pants specially intended for work at heights.**

- perfect combination of durability, working comfort and maximum
- contrast colours and reflective strips increase the worker's visibility
- material ELASTAN guarantees a very high comfort during movement
- jeans low cut for comfortable fit
- higher back for comfortable fit with a working harness
- four zippered pockets to secure any items needed in the pocket
- large zippered pocket for mobile phone or small items, including loops to ensure against the fall
- in the side seam pockets for a knife, pencil, screw driver and other small tools
- on the back part deep pocket for small items

- loops for 50 mm wide belt
- large two loops for braces
- front part reinforced with CORDURA
- pants ending with adjustable velcro against heat loss, the penetration of dirt, snow, etc.
- pants tested in the fields of work at height, rescue, arboriculture.

Color: black + yellow and reflexive strips

Size: S, M, L, XL

Material: 98% cotton/2% elastan (250 g/m<sup>2</sup>) + Cordura 500D

## OVERALL

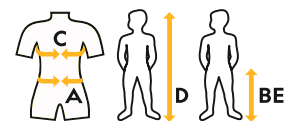
W9700BY

**Working overall combining durability, working comfort and maximum freedom of the movement. Specially intended for work at height, easy and quick to take off even without taking the shoes off.**

- 60% Polyester/40% Cotton 250 g/m<sup>2</sup>, 500D Cordura
- bright colors and reflective strips increase the worker's visibility
- high durability even when it's washed at high temperatures (90° C)
- full-length overall with two zippers to guarantee high comfort, practicality and a high speed when putting-on
- adjustable waist for optimum working comfort
- elastic fabric in the armpits and crotch
- two large breast pockets

- on the left sleeve pocket with compartments for mobile phone, pens, small items
- on the left leg extremely large pocket for plans, gloves, etc.
- on the right leg pocket for rescue knife supplemented by two rings of rubber for protection against falling
- on the back zipper pocket for small items
- all pockets marked with bright color for greater comfort
- pants, collar and sleeves ending with adjustable Velcro against heat loss, the penetration of dirt, snow, etc.
- pants tested in the fields of work at height, rescue, arboriculture

Size: S, M, L, XL • EN ISO 13688



working pants			overall		
size	waist [cm/in]	length [cm/in]	chest C [cm/in]	height D [cm/in]	length E [cm/in]
S	78-82	105	90	172	102
M	82-86	110	94	175	105
L	88-94	113	100	180	110
XL	96-104	115	106	185	115

note: length after sewing (is added due to shrinkage), shrinkage after washing according to the processing instruction sheet is about 4% of the length

## WORK KNIFE

A0031BS

**Pocket knife with first class stainless steel blade.**

- blade length 80 mm
- one hand operation and safety lock of opened knife
- stainless steel flexible clip for belt fixation, hole for the accessory cord fixation

**Material:**

blade and clip – stainless steel, plastic handle

Weight: 83 g • 2.9 oz

## RESCUE KNIFE

A0030Y

**Special rescue knife with first class stainless steel ejection blade.**

- blade length 80 mm and safety lock of opened knife
- special shape of the blade with the hook at the end for cutting of ropes or webbing
- other features: glass cutter, hammer for glass window breaking, opener of electrical cases – wrench
- stainless steel flexible clip for belt fixation

**Material:**

Blade and clip – stainless steel, plastic handle

Weight: 196 g • 6.9 oz

## CULTER

A0050HH00

**Reliable knife for daily work or emergency situations including belt cutter and window breaker.**

- half-serrated 80 mm blade made of 420B stainless steel
- handle made of stainless steel and red G10 fiber
- one hand opening and closing, safety lock
- G10 line of fiber materials is not electrically conductive

- G10 fiber exhibits superior mechanical and dimensional stability and doesn't shrink, it can also resist high temperature (up to 180 °C)

Color: red

Weight: 208 g • 7.34 oz

Material: stainless steel, G10 material

## SNAP BACK HAT

C0074BY00

**Cool Singing Rock cap for your head.**

- flat bill
- "singing rock" and the embroidered SR arrow on the front and "climbers for climbers" on the back
- mesh in the back
- adjustable snap strap



## BASEBALL HAT

black – C0051BH  
brown – C0051HH



Square-shaped visor. Logo on front.  
Website [singingrock.com](http://singingrock.com) on back.

## BASEBALL HAT LIGHT

C0070SL00



Cool hat for hot sunny days to cool down  
your head.

## GRIPPY

C0006BH



**Made out of quality leather. Reinforced  
palm area. Closed fingers. Abrasion  
resistant.**

Gloves are easy to put on thanks to special  
pull-on loop.

Kevlar thread • Size: 8, 9, 10, 11  
EN 388

## GRIPPY 3/4

C0006HH



**Made out of quality leather. Reinforced  
palm area and lower part of finger area.**

Exposed fingertips allow you to keep your  
sense of touch and manipulate your gear.  
Gloves are easy to put on thanks to a speci-  
al pull-on loop.

Kevlar thread • Size: 8, 9, 10, 11  
EN 388



## FALCONER FULL

C0012YB

**NEW****Lightweight gloves featuring great grip, dexterity and disability.**

- durable double layer of artificial and split cow grade A leather on the palm
- additional reinforcement of the high-wear area between forefinger and thumb,
- breathable abrasion resistant nylon on the back
- neoprene cuff with a reinforced attachment hole

Size: 8, 9, 10, 11

## FALCONER TACTICAL

C0013YB

**NEW****Lightweight gloves with top of forefinger, thumb and middle finger removed making manipulation of metalwork simpler.**

- durable double layer of artificial and split cow grade A leather on the palm
- additional reinforcement of the high-wear area between forefinger and thumb
- breathable abrasion resistant nylon on the back
- neoprene cuff with a reinforced attachment hole.

Size: 8, 9, 10, 11

## FALCONER 3/4

C0014YB

**NEW****Lightweight gloves with removed tops of fingers removed making manipulation of metalwork simpler.**

- durable double layer of artificial and split cow grade A leather on the palm
- additional reinforcement of the high-wear area between thumb and index finger
- breathable abrasion resistant nylon on the back
- neoprene cuff with a reinforced attachment hole
- two special pull-off half-loops on top of middle and ring fingers to secure an easy put off.

Size: 8, 9, 10, 11



## BEANIES

A Wool/acrylic mix of beanies, featuring a double layered headband and embroidered design.

- fits well under the helmet
- fleece double layered headband for colder conditions

Size: UNI

Material: wool, acrylic



C0067BS00  
ARROW



C0069BG00  
NANUK BLUE



C0069PB00  
NANUK purple

## BEANIE

**NEW**

- made from microfibre polyester fabric that keeps its shape well, as well as being breathable, warm, soft and lightweight
- keep your head warm and dry during vertical activities
- fits very well under the helmet
- suitable also for running, skiing, biking and other outdoor activities

Size: S-M, L-XL

Material: 100 % Polyester



C0053RX  
BEANIE REDHOT

C0053AX  
BEANIE AZURE

C0053OX  
BEANIE ORANGE

C0054BX  
BEANIE LOGOS

C0055BX  
BEANIE BLACK ARROW



## SKIP HAT

C9000BB



- made from Thermolite fabric to keep your head warm and dry
- provides greater insulation for light, yet heavy duty performance
- fits well under the helmet

Material: 97 % Thermolite / 3 % Spandex

Size: UNI

## SCARF

BLACK ARROW – C0079BX00  
LOGOS – C0080BX00

AZURE – C0081AX00  
REDHOT – C0081RX00

**NEW**

**Multifunctional scarf 8 in 1 with a wide variety of uses for your protection against wind and cold.**

- can be used as a balaclava, cap, mask, scarf, beanie, shawl, ear warmer, etc.
- 5 different designs to fit all users' styles
- made from elastic high-tech 100% polyester microfibre fabric that keeps its shape well, as well as being breathable, warm, soft, lightweight, of a very high quality and antibacterial.
- machine washable at 30 °C, cannot be tumble dried, air dry very quickly

Size: UNI (approx. 25 cm wide x 46 cm long)  
Weight: 35 g • 1.24 oz



Roof maintenance, Poniklá, Czech republic Photo: Jiří Bošek



## T-SHIRTS BACKBONE

man – C1013BB  
woman – C1014BB



**T-shirts – made of 100 % cotton, short sleeves**

classic round collar

men/women

The T-shirts SINGING ROCK are very comfortable to wear.

size: S – XL

weight: 185 g/m<sup>2</sup>

## T-SHIRT BLUE CRACK

man – C1026AX  
woman – C1027AX



**Made from cotton, double-stitch on sleeve, bottom hems and shoulder to shoulder tape will make this T-shirt last for many years.**

Tag less label, relaxed fit. Ladies version with longer and better fit.

Color: Blue

Size: S, M, L, XL

Material: 100% cotton, hems – PES

Weight: 200 g/m<sup>2</sup>



## BAMBOO T-SHIRT

man – C1021YB  
woman – C1022YB



**Made from the fastest growing plant on earth.**

With the mixture of elastan fabric, this t-shirt provides better fit when climbing or bouldering.

Color: Yellow • Size: S, M, L, XL

Material: 95% bamboo, 5% elastan

## POLO T-SHIRT

W9802BY



**NEW**

**Pique style of polo t-shirt that is sure to look great with any outfit.**

The polo features a regular collar and short sleeves with a three button placket for a comfortable fit. The top is finished with split sides and an embroidered Singing Rock logo for an instantly recognisable branded look.

- mens polo shirt with short sleeves
- regular collar
- Singing Rock branding
- machine washable

Style: Men

Size: S, M, L, XL

Material: 100 % pique cotton



## HOODY FULL ZIP

C1019BY – man  
C1020BY – woman



**Warm, cozy and comfortable hoody with two pockets, hood and full zipper**

- longer sleeves and special cut for climbers guarantee maximal comfort when climbing or working at height

Style: Men, Women

Size: S, M, L, XL, XXL (XXL- man only)

Material: 90 % cotton, 10 % soft polyester

Color: black and yellow



## HOODY

C1018BY



**Warm, cozy and comfortable hoody with a kangaroo pocket and a big hood.**

Style: UNisex

Size: S, M, L, XL

Material: 90 % cotton,

10 % soft polyester

Color: black and yellow

## KEY HOLDER

P99100X



You will never lose your keys if you use Singing Rock key holders.

## BELT

C9091XX

**for trousers**

with Rock&Lock smart buckle  
Do not use for climbing or work at heights!

Size: M/L, XL  
Width: 20 mm

## SPEED BELT

black – C9092BX  
khaki – C9092KX  
various colors – C9092XX



Belt for trousers with Speed buckle for fast releasing.  
Width: 44 mm  
Size: M/L, XL  
Color: mixed colors  
Do not use for climbing or work at height!  
Color: black, khaki, various colors



### PITCHER

0.5 l – P0010X050  
0.3 l – P0010X030



**Classical beer pitcher 0.5 l or 0.3 l**  
for all who likes climbing and all activities on our vertical playground.

### MUG

P0012BB00



**Thermo cup with sturdy handle keeps your coffe or tea hot.**

Capacity: 400 ml • 14.8 fl oz  
Weight: 250 g • 8.8 oz

### USB FLASH DRIVE

P0019XX00



**Wooden flash drive to transport and store your personal files.**

- small ring to connect it to your key holder or accessory cord.

Capacity: 8 GB  
Material: Eco Friendly wood

### BAG

P0026XX00



**Eco-friendly plastic bag.**

This bio degradable bag contains the special additives which help the bag to break down into natural compounds when disposed.

Dimensions: 39 x 46 cm



## WRISTBAND

P0024XX00



**100% latex-free silicone wristband**  
with debossed Singing Rock. Made from  
premium high quality rubber.

## NOTEPAD A5

P0030XX00



Manage your important tasks or jot down  
your to-do list with our Singing Rock  
notepads.

## CONDOM

P0023XX00



**Safety first**  
Your Personal Protective Equipment  
for your hardware.  
Size: UNI  
EN ISO 4074, C€ 1023

## SINGING ROCK PEN

P0022XX00



Ballpoint pen for everyday writing.



## BANNERS

P0020



**Singing Rock banners made from lightweight**

PES with a holes to hang up.

Size:

P0020BB02

**Small: 60 x 60 cm**

P0020BB03

**Medium: 30 x 150 cm**

P0020BB04

**Large: 200 x 100 cm**

P0020BB05

**XLarge: 150 x 150 cm**

## BEACH FLAG

P0021



**Self standing event flag.**

**Made from elastic PES.**

Comes with a footstand and carrier bag.

Size:

P0021BB00

**Table: 29 x 60 cm**

P0021BB03

**Medium: 60 x 260 cm**

P0021BB04

**Large: 80 x 340 cm**

P0021BB05

**XLarge: 85 x 450 cm**

## SINGING ROCK STICKERS

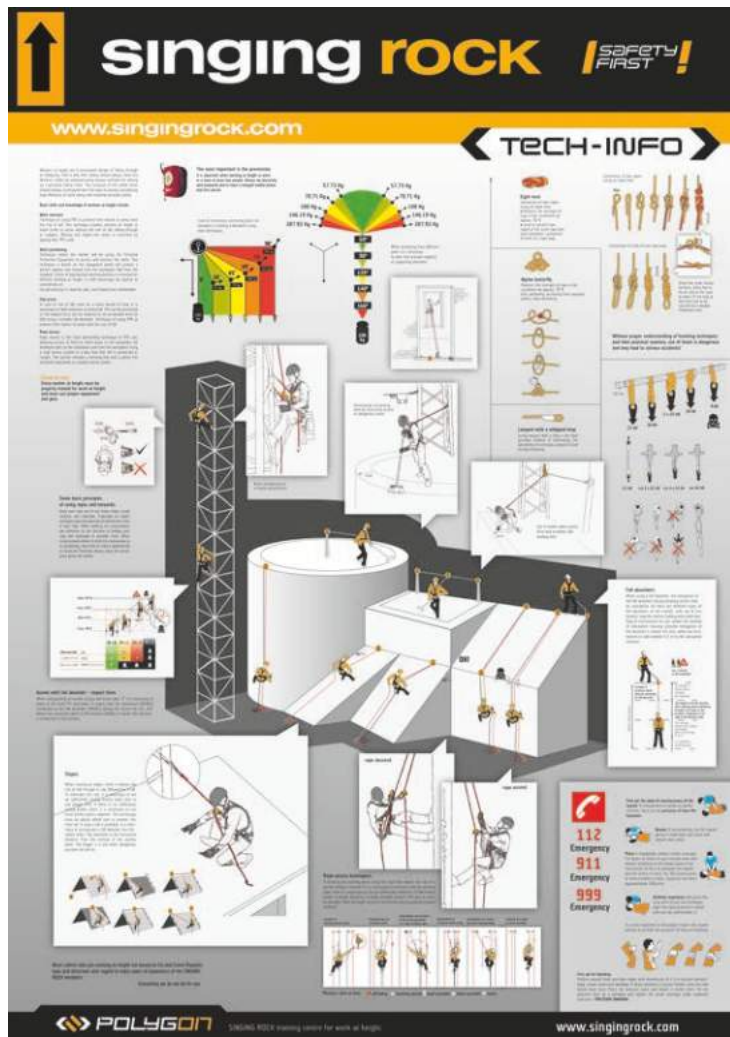
P0025XX00

with back and front side adhesive.



## TECH INFO EN

P0027WX00



690x990 mm

## POSTERS

P0027WX00

**Image posters with our gear in action.**

- |                      |            |
|----------------------|------------|
| 1. Water Treatment   | 480x690 mm |
| 2. Light Tower       | 480x690 mm |
| 3. Karolina vertical | 480x690 mm |
| 4. Castle            | 480x690 mm |
| 5. Karolina          | 690x480 mm |
| 6. Tree Care         | 690x480 mm |
| 7. Silo              | 480x690 mm |
| 8. Tower Sweden      | 480x690 mm |
| 9. Helicopter Sweden | 480x690 mm |



**Work at height**

Workers at height are in permanent danger of falling through or collapsing. That is why their safety should always come first. Worker's safety is achieved by using various methods for setting up a personal safety chain. The structure of the safety chain should always correspond with the type of activity considering high efficiency of work along with maximal possible safety.

**Basic skills and knowledge of workers at height include:****Work restraint:**

Technique of using PPE to prevent from motion to areas with the risk of fall: This technique enables workers at height to move freely to areas without the risk of fall, falling-through or collapse. Moving into higher-risk areas is restricted by appropriate PPE used.

**Work positioning:**

Technique where the worker will be using the Personal Protective Equipment to access and process the work. This technique is based on the equipment which will protect a worker against any hazard from the workplace (fall from the heights). Choice of appropriate working position is essential for efficient working at height. It shall encourage the worker to concentrate on his job and thus it shall be safe, sure-footed and comfortable.

**Fall arrest:**

In case of risk of fall, even for a short period of time, it is necessary to take measures to avoid fall. Fall can be prevented or the impact force can be lowered to an acceptable level (6 kN) using a suitable fall absorber. Technique of using PPE to prevent from motion to areas with the risk of fall.

**Rope access (part off work positioning)**

Rope techniques place high demands on the skills and abilities of worker at height. The basis for safe handle of rope techniques is adequately selected PPE and proper training of worker at height.





POLYGON TRAINING CENTRES  
PAPER TRAIL PPE MANAGEMENT  
SCAFOLDERS AND INDUSTRIAL HALLS  
FRAMING AND ROOFING  
FALL ARREST  
ROPE ACCESS  
LADDERS  
TREE CARE  
ROPE COURSES AND ADVENTURE PARKS  
WIND TURBINES  
CHAIR LIFT EVACUATION  
MILITARY AND SPECIAL FORCES  
**SERVICE & ACTIVITIES**





## POLYGONS



Over more than two decades on international markets, SINGING ROCK has become the world's leading manufacturer of Personal Protective Equipment (the "PPE"). In an effort to provide its customers with comprehensive services and solutions in the area of security of workers at height and above depth, SINGING ROCK was the first in the Czech Republic and former eastern Europe to build a completely unique multifunctional training center POLYGON.

POLYGON facilities create the ideal conditions for providing occupational health and safety (the "OHS") training for work at height and above depth, for testing PPE, for organizing

industrial climbing contests and many other events associated with presentation and use of products and techniques related to this area. A number of specific simulations allow visitors to test safely proper techniques of safeguarding when working at height. All this under the direct supervision of experienced trainers while using complete equipment for these activities. With individual approach, high quality equipment and great emphasis on the practical part, our trainings in POLYGON became sought after among individuals and companies not only in the Czech Republic.



**SINGING ROCK**  
is certified as  
**IRATA training company.**

**SINGING ROCK** is the first and so far the only company in the Czech Republic to become a member of the globally recognized association IRATA.

IRATA – Industrial Rope Access Trade Association – was founded in the UK in order to ensure a safe working environment for workers at height. In a quarter of century of its existence, IRATA has become a leading expert in the field of security in work at height, and in this field it is the only global association with many member organizations around the world.

Our operated IRATA courses therefore provide, in conjunction with our certificated POLYGON training centers, a unique opportunity to obtain the best possible qualification for work at height and above depth. After successful completion of the training the participant receives an IRATA certificate, which is valid around the world and which is required by some foreign entities as the only possible prerequisite to carry out work at height.

### List of SINGING ROCK POLYGON training centers

#### **POLYGON Poniklá, Czech republic**

Our first POLYGON is part of the SINGING ROCK headquarter and manufacturing factory in a picturesque valley of the Jizera river. It offers a number of model situations for work at height.

[www.singingrock.com/polygon](http://www.singingrock.com/polygon)

#### **POLYGON Kladno, Czech republic**

located in the former premises of Poldi Kladno – Konev. The former manufacturing building offers a real industrial environment to practice work situation when working at heights.

[www.singingrock.com/polygon](http://www.singingrock.com/polygon)

#### **Polygon Partner Brno, Czech republic**

Located in an industrial area in a former cement plant. Thanks to its height of more than 23m, it gives the opportunity to create a variety of model situations for work at height and rescue training.

[www.kladja.cz/skoleni-prace-ve-vyskach-bozp](http://www.kladja.cz/skoleni-prace-ve-vyskach-bozp)



**CZECH REPUBLIC**

Polygon: Poniklá, Kladno

Polygon Partner: Brno

**ITALY**

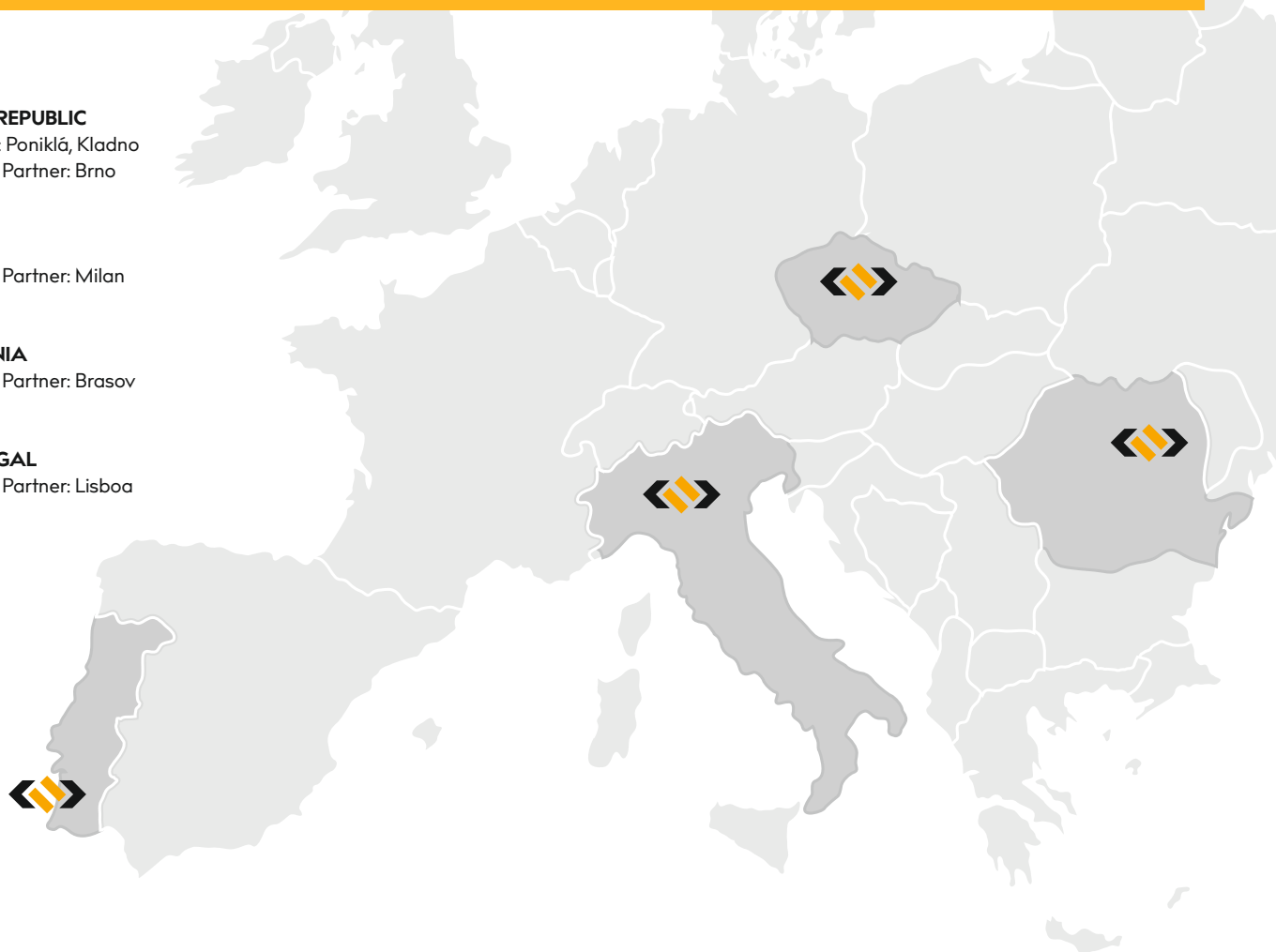
Polygon Partner: Milan

**ROMANIA**

Polygon Partner: Brasov

**PORTUGAL**

Polygon Partner: Lisboa



### Polygon Partner Lisbon, Portugal,

This training center has the perfect conditions to provide all trainings for work at height including rope access, fall arrest, rescue and PPE inspection.

[outprowork.com](http://outprowork.com)



### Polygon Partner Milan, Italy

Training center dealing with Occupational Safety Prevention, dealing with 360 degree training for all figures identified by the Single Word „Health and Safety at Workplaces”, ranging from general training on specific training such as high risk falls, confined spaces, work with rope access and positioning systems, assembly and dismantling scaffolding and use of work equipment.

[www.mbtectum.it](http://www.mbtectum.it)



### Polygon Partner Brasov, Romania

This training centre is the first provider of training courses in work-at-height in the south-east of Europe. The centre is evolved through the volume of it's services, the number of technicians and most importantly through it's techniques in providing rope access services.

[www.e-solo.ro](http://www.e-solo.ro)







## WHAT IS IT?

Personal Protective Equipment (PPE) must be regularly inspected for safety and compliance purposes, but as the volume of equipment grows this can put a strain on administrative resources. At the same time, there is a growing need to be able to demonstrate Health and Safety (H&S) compliance in the event of an incident. Against this backdrop, large PPE users are finding that traditional, often paper-based methods of record management are insufficient for their needs.

If your job is to keep track of lots of equipment then you face an uphill struggle. And if you have equipment that needs to be tested or inspected on a regular basis, the job is even bigger. Try as you might, records get lost. Inspections are forgotten. Equipment goes missing.

Wouldn't it be easier if you could store all your equipment information in one place? Somewhere easy to get access, such as in the cloud? And easy to search, use and update? Available from desktop, tablet or smart phone. That's Papertrail, an all-in-one system for equipment management and maintenance records.

Papertrail was created out of the need to find an easier way to keep accurate records and demonstrate compliance for equipment inspections and audits. Today, industry-leading partners, SMEs to larger enterprise and public sector organisations and their staff and contractors trust Papertrail to drive business efficiencies and optimise compliance by managing equipment inspections, certification and safety records. We believe, that it is just the start of a revolution in traceability and inspections of PPE, as more features are increasingly become available.

## HOW DOES IT WORK?

Anything with a serial number, barcode or RFID tag can be tracked and the data sits securely in the cloud, where it can be made available to internal teams or customers, as required.

To register any product, you need to create a new record with a unique number and corresponding product information, initiate inspection frequency and instructions for inspections. The system will track all the changes during the lifetime and send automated reminders about upcoming inspections.

**Singing Rock has uploaded to the cloud thousands of products with detailed information about:**

- Name
- Category
- Description including colour, size and weight
- Photo
- EN conformity
- Product code
- Identifier
- Serial number

- Barcode number
- Date of manufacture
- Lifespan
- Inspection frequency
- User instructions
- Inspection instructions

Simply scan a Data Matrix Code from the label using any camera on your mobile phone, notebook or barcode reader or type a serial number to register, track and inspect our products.

## WHAT ARE MY BENEFITS?

Being proactive is rarely easy with the systems that most companies currently use for PPE management. However, record keeping on commercially available spreadsheet software, such as Microsoft Excel, is still the norm, and in some cases smaller PPE asset holders may even keep their records on paper.

**Paper-based records are hard to access and prone to loss and damage, while spreadsheet-based systems entail significant administration effort. Typically, PPE management systems must track several variables per item, including for example:**

- Product name
- Serial number
- Purchase date
- Inspection history
- Latest inspection
- Current status

At the same time, there are significant costs involved in having to take PPE items out of circulation while records are updated. Finally, commercial spreadsheet software does not usually time-stamp records, which could raise concerns about their legal validity.

The Papertrail platform enables remote data entry to create a permanent, one-time, cloud-based record of each PPE item, which can then be updated at any time with inspection records posted on site via a mobile device. Each record is time-stamped and can be accessed instantly, from anywhere, allowing asset owners to call up relevant compliance information whenever and wherever needed. Features of a smart PPE management system include:

- Easy compliance with legal requirements for six-month or annual inspections and an up-to-date status of PPE which can be accessed via a dashboard, with records for each item and built-in reporting for major regulations.
- Compatibility with all iOS and Android mobile devices and the ability to set notifications to suit any given asset, making it easy to trigger follow-up actions such as repeat inspections or warranty checks.





- Optional customisable inspection schedules, status reports, certifications, export options, workflows, integrations, task management, check lists and care and maintenance schedules.
- Easy integration with equipment manufacturers and compatibility with any brand or component with a serial number, barcode or RFID tag.
- Implementation that does not require any additional hardware and gives you access to the data you need at any time, from the cloud.
- Customisable configuration and implementation, training, reporting, IT support and additional PPE inspection services.

Papertrail is integrated with Singing Rock inventory database so equipment data can be imported seamlessly and easily.

This integration allows equipment owners to create and maintain a 'digital certificate of ownership' that registers every significant point in the lifespan of an item, from purchase through to disposal. Such certificates could be invaluable in quality control, for example in helping prevent the sale of fake items or in giving reassurance to buyers of second-hand material.

- Save time and effort by filing equipment inspection records on the spot, and making them instantly available to your colleagues.
- Wave goodbye to paper records and spreadsheets, and let our software take care of your equipment record filing needs.
- View and update equipment records easily from wherever you are, using mobile devices such as handheld scanners.
- Show compliance at all times with a system that can prove when every single inspection was carried out.
- Never lose an equipment record by storing all updates securely in the cloud.

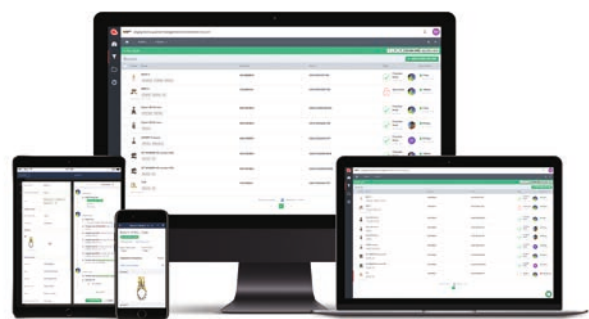
**Companies adopting a smart PPE management system are expected to improve their ability to:**

- Comply with the demands of professional bodies such as the Industrial Rope Access Trade Association and the Society of Professional Rope Access Technicians.
- Meet standards for UK Lifting Operations Lifting Equipment Regulations, Provision and Use of Work Equipment Regulations and other legal inspections.
- Cut compliance administration by scheduling automatic reminders for daily, weekly, monthly and annual inspections. Reduce risk for clients and workers by making sure they are not using faulty or out-of-date PPE.
- Prevent equipment supply bottlenecks by having a complete view of the status of all PPE stock.
- Extend the lifetime of PPE equipment by ensuring it is reviewed and repaired periodically.

- Show compliance at any time with a complete service history for each item of PPE.

Companies worldwide use Papertrail and your staff and customers can access the data they need at any time, from the cloud. Users of the Papertrail smart PPE management system have reported more than a 90% reduction in administration workload, along with reduced human error and increased equipment use.

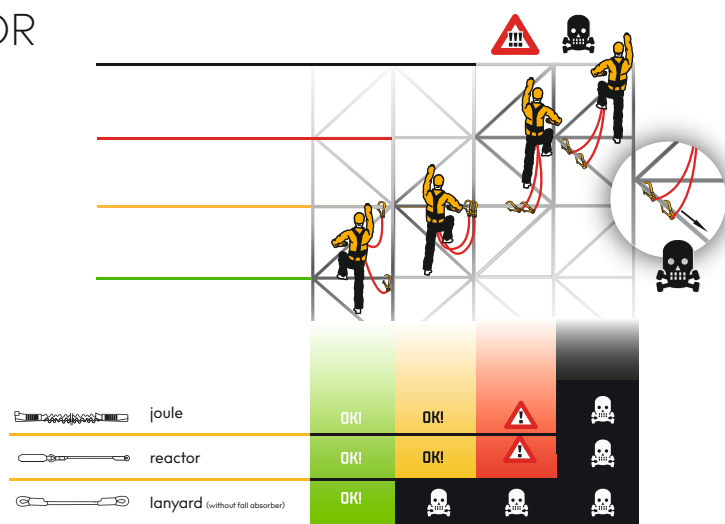
If you are keen to improve your PPE management system the best way is to download Singing Rock application, sign in for the account and simply administrate your PPE.



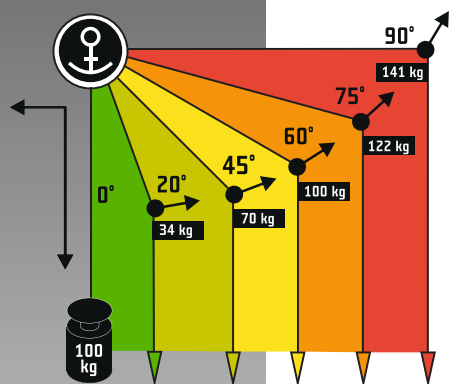
**papertrail**   
Record keeping made simple

basic  
skills

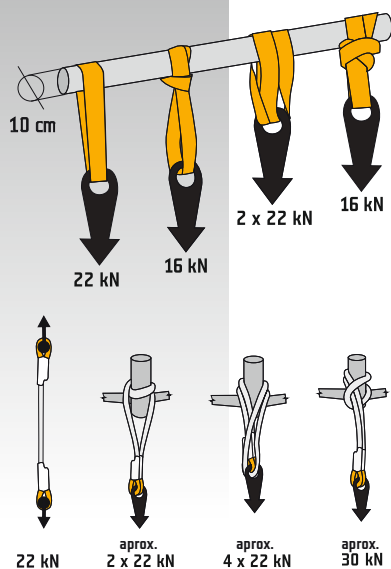
## FALL FACTOR



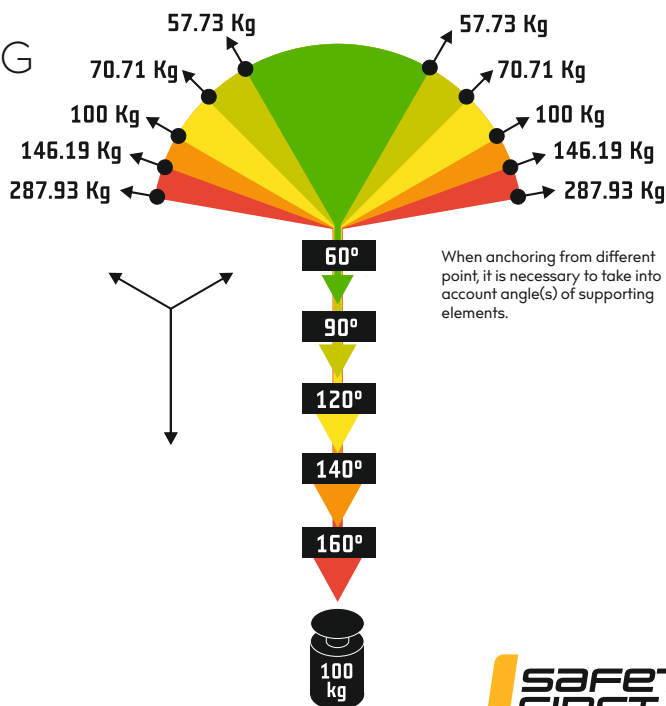
When safeguarding an ascent using a fall arrest type „Y“ it is necessary to move at the level FF1 and lower. It means that the connectors (EN362) connected to the fall absorber (EN355) during the ascent do not „fall“ below the connection point of the harness (EN361) in which the absorber is connected to the harness.



Load of continuous anchoring point. An example is creating a deviation using rope techniques.



## ANCHORING



When anchoring from different point, it is necessary to take into account angle(s) of supporting elements.

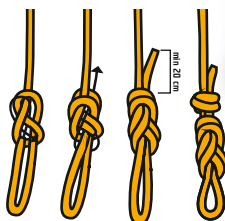
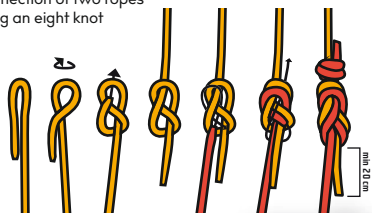


### Figure-Eight knot

Connection of two ropes using an eight knot

- Reduces the strength of rope in lab. conditions by approx. 46 %
- used to connect two roped of the same type and same diameter; connection of ends of a rope loop

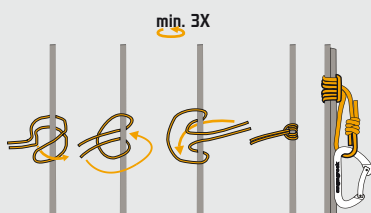
Connection of two ropes using an eight knot



Due to the character of this knot is necessary to leave at least 20 cm long tail of the rope or is essential to tie a backup knot, double fisherman's knot

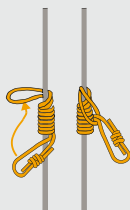
Connection of ends of one rope loop

## FRICION KNOTS



### Prusik knot

Simple and the easiest friction knot. It works in both directions. Normally made from accessory cords 5-6 mm diameter. It is possible to make it with one hand only. Note: the joining knot must be kept away from the rope to prevent slippage.



### Klemheist (Machard) knot

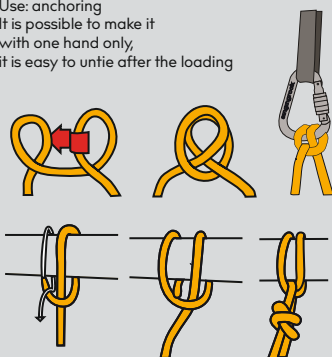
Works very well, suitable also for flat slings, it's possible to make it also from thicker diameter slings (up to 9mm).

## ANCHORING KNOTS

### Clove hitch

Reduces the strength of rope in lab. conditions by approx. 12 %

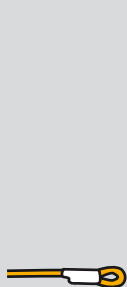
Use: anchoring  
It is possible to make it with one hand only, it is easy to untie after the loading



Due to the character of this knot is essential to tie a backup knot, double fisherman's knot.

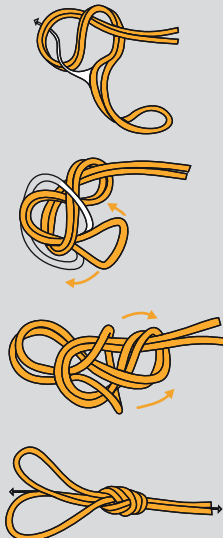
### Double figure eight loop (Bunny Ears)

Very useful for equalizing the load on two anchor points.



### Lanyard with a whipped loop

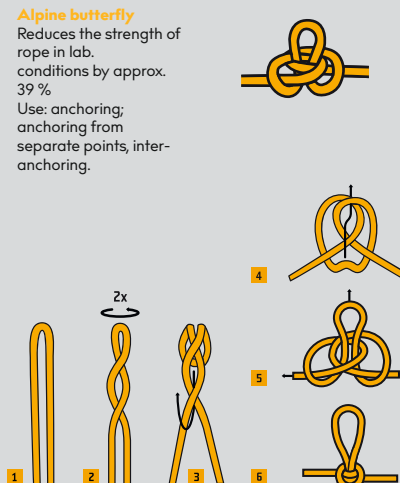
Using lanyard with a loop is the best possible method of eliminating the possibility of erroneous tying of a knot during anchoring.



### Alpine butterfly

Reduces the strength of rope in lab. conditions by approx. 39 %

Use: anchoring;  
anchoring from separate points, inter-anchoring.

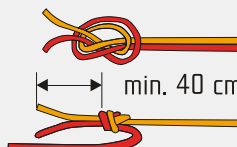
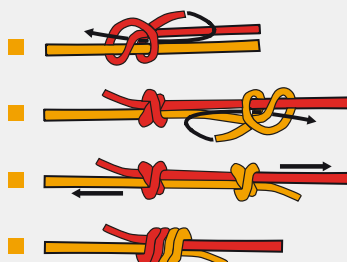


## CONNECTING KNOTS

### Double fisherman knot

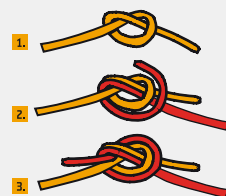
Connection of two ropes using a double fisherman knot

- Reduces the strength of rope in lab. conditions by approx. 32 %
- connection of two ropes (rope loops) of different type or diameter



### Overhand knot

It is simple knot and can be done with one hand only even with the gloves. Can be used to tie on the middle of the rope. Suitable also to join two ropes for rappelling..



Overhand follow through  
Used to join two ropes or slings together. When loaded it is harder to untie it.

### BELAY KNOT



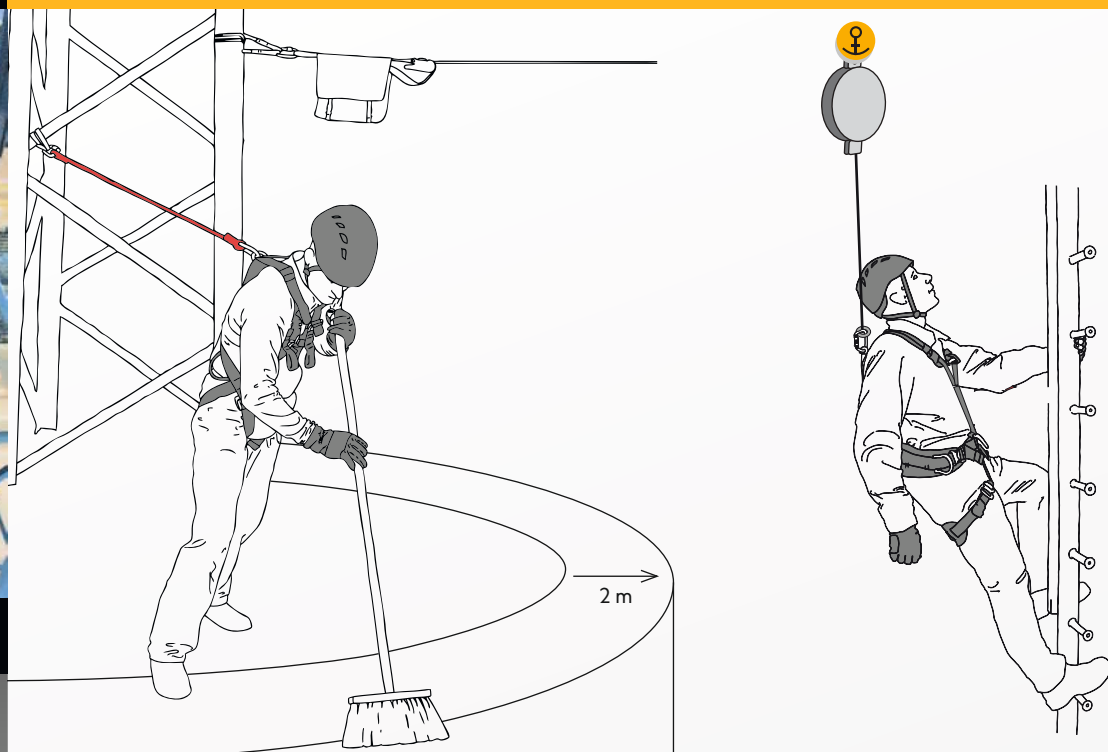
### Munter hitch

Knot used for belaying with HMS carabiner. There is no static friction on any part of the rope as it is a continuously moving knot. It is easy to tie even with one hand or with the gloves on the hands. The part of the rope going to belayer must not go through the gate of the carabiner.

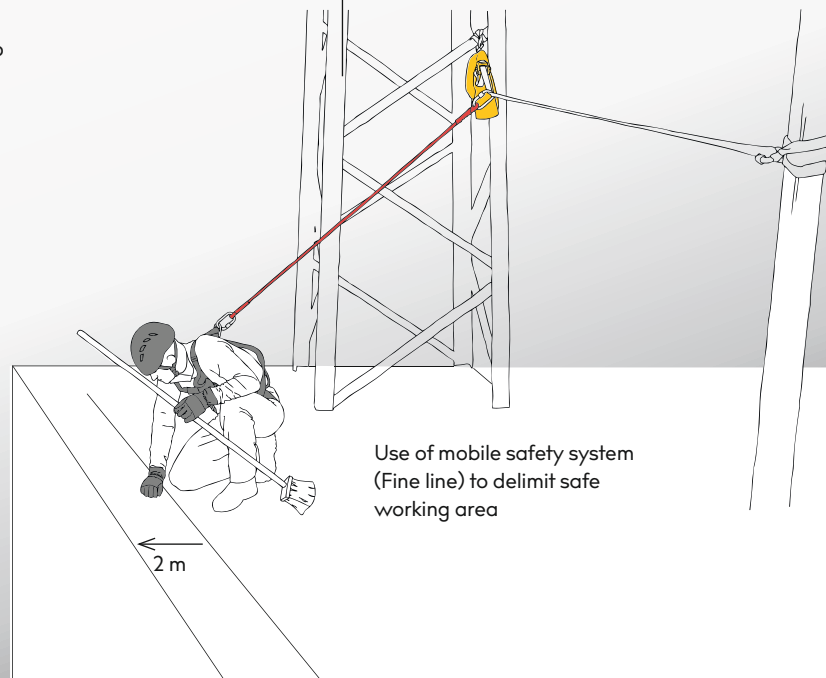


### scaffolders and industrial halls

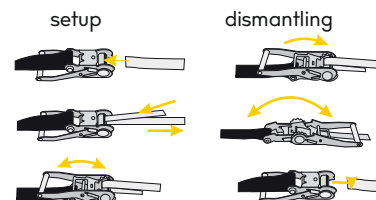
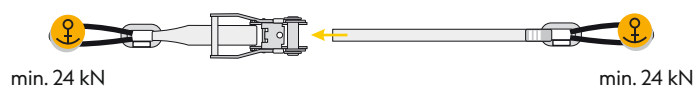
Many people are injured each year when they fall from scaffolders. Scaffolders should be erected by trained and competent people. There are a number of organisations that provide training for the safe use of scaffolders. A scaffolder is one way to prevent a fall when working at height. The type of scaffolder selected must be suitable for the work and erected and dismantled by people who have been trained and are competent to do so. Those using tower scaffolders should also be trained in the potential dangers and precautions required during use. Tower scaffold provision and use must be properly managed and include rigorous scaffold inspection arrangements.



Delimitation of working area by restricting access to dangerous areas.



Use of mobile safety system (Fine line) to delimit safe working area





W2001  
**OPEN SLING**  
sewn sling, 120cm  
page 88



W9600  
**FLASH INDUSTRY**  
working helmet  
page 62



W4100Y120  
**JOULE 120**  
the fall absorber  
120 cm  
page 100



K4241Z005  
**OVAL STEEL**  
**CONNECTOR**  
screw  
page 55



W1036W130  
**TRACK**  
adjustable  
anchoring  
strap  
page 90



K0016AA00  
**OZONE screw**  
light alloy oval  
carabiner  
page 53



W0068BR  
**BODY II speed**  
fall arrest harness  
page 17



W1010BB09  
**LOCKER**  
guided type fall  
arrestor  
page 75



W2283X130  
**STEEL**  
**LANYARD „I“**  
130 cm  
page 91

K82310Z  
**MAILLON BOG D**  
steel mailon  
carabiner  
page 54



W1505ZZ20  
**INOS 20**  
Retractable fall  
arrest system  
page 82



L0041 - L0081  
**ACCESSORY CORD**  
6 mm, 20m  
page 43



S9000BB50  
**GEAR BAG**  
waterproof bag  
page 106



X0071XS12  
**BEAM MOBILE**  
mobile anchoring system  
page 68



W1011WB02  
**SITE**  
work positioning  
lanyard  
page 75



## SCAFOLDER SET



M0021XX  
Scaffolder set is intended for those, who install scaffolds or work on tall structures and towers. It allows you to reach safely a place of work and position there for work.





## framing and roofing

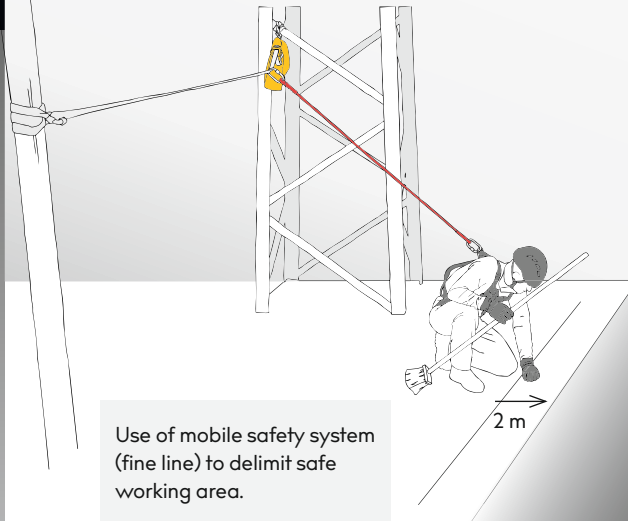
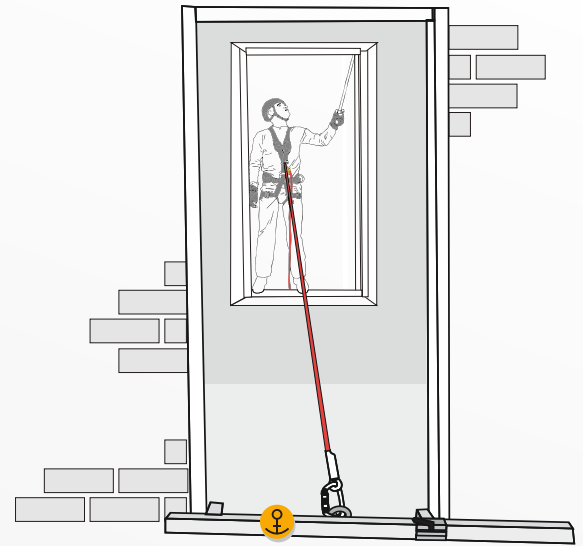
Any fall from a roof inevitably involves at least a serious injury. The risks are substantial, however long or short the work is. Getting on and off the roof is a major risk.

A secure means of entry and exit is essential.

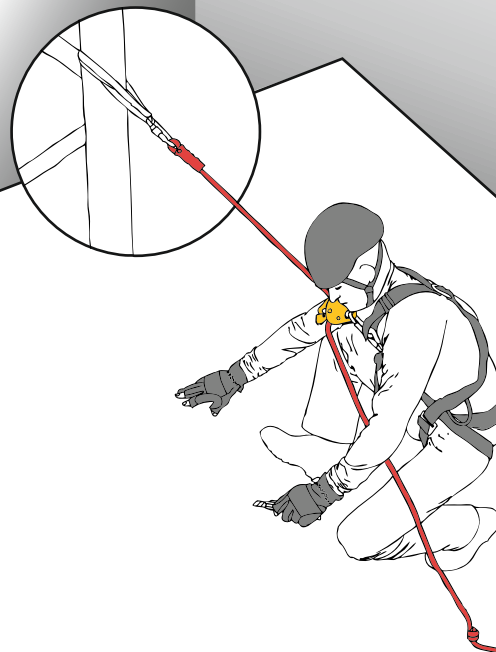
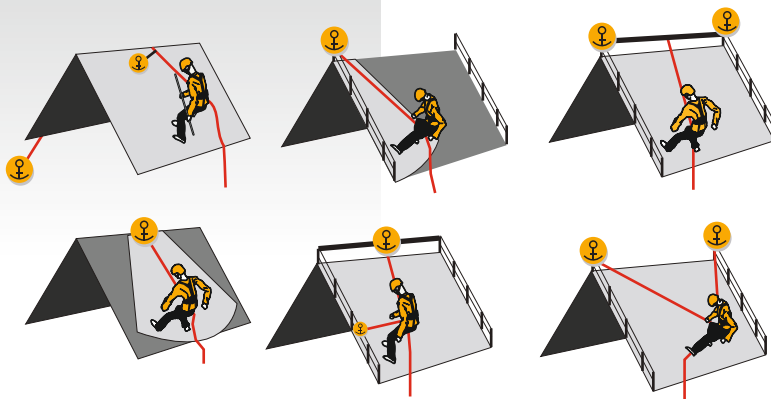
A general access scaffold or tower scaffold (preferably of the stairway design) will provide suitable access. A properly secured ladder is the minimum requirement.

Roof workers need the appropriate knowledge, skills, training and experience to work safely, or should be under the supervision of someone else who has it.

They need to be able to recognise the risks, understand the appropriate systems of work and be competent in the skills to carry them out. Workers need training and experience to achieve these competencies. It is not enough to hope that they will 'pick up safety on the job'.



Use of mobile safety system (fine line) to delimit safe working area.



W8100B  
**ROPE  
PROTECTOR**  
page 42



W9600  
**FLASH  
INDUSTRY**  
working helmet  
page 62



K4241Z005  
**OVAL STEEL  
CONNECTOR**  
screw  
page 55



K0018AA00  
**OZONE**  
triplelock  
light alloy oval  
carabiner  
page 53



K4241Z007  
**OVAL STEEL  
CONNECTOR**  
triplelock  
page 55



W0063BB  
**TECHNIC standard**  
fully adjustable  
fall arrest and  
positioning harness  
page 13



W2016\*080  
**SLING  
LANYARD**  
sewn sling  
page 88



W2320WR  
**ANCHOR  
LANYARD „1“**  
anchor device  
page 89



W0008BS  
**TOOL BAG**  
page 109



W1001WW10  
**FINE LINE**  
mobile anchoring  
system  
page 93



W1001WS10  
**FINE LINE BAG**  
mobile anchoring  
system bag  
page 93

W1010BB09  
**LOCKER**  
guided type fall  
arrester  
page 75



C006BH  
**GRIPPY**  
leather gloves  
page 112



## ROOF SET



M0020X1 – Roofer set 10 m, M0020X2 – Roofer set 20 m  
Roofer set 10 is ideal for those, who are fully devoted to roofing. It allows you to position yourself on a roof with up to 45° angle to prevent a possible fall due to slippage or breaking of a structure.





## towers and rigging

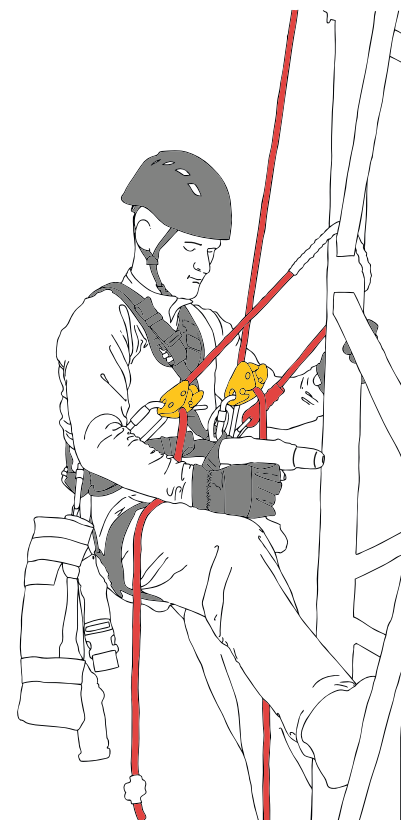
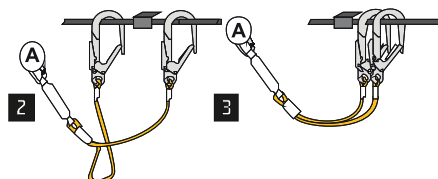
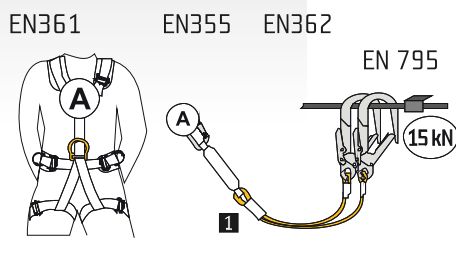
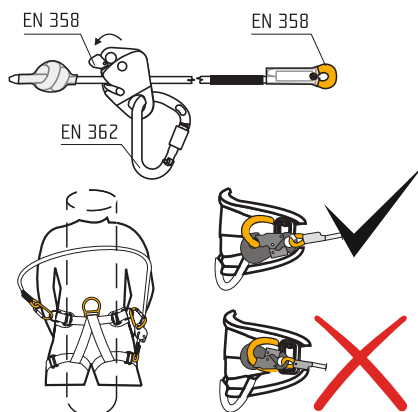
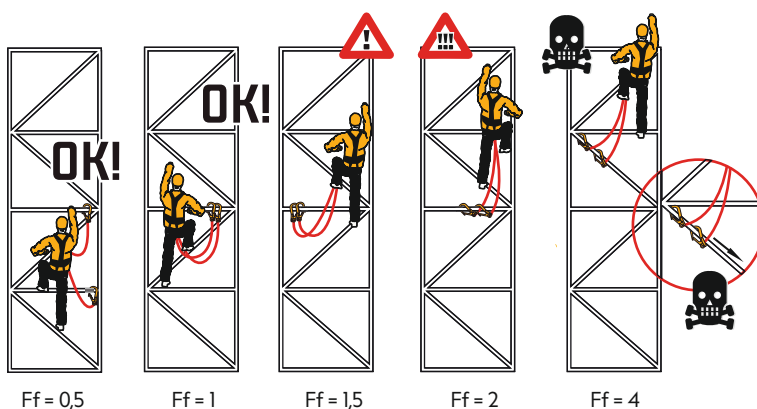
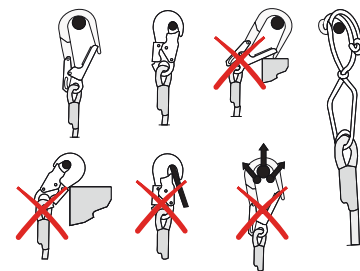
- Working on tall structures may involve fall arrest, work positioning, rope access and possibly evacuation.
- If no stable safety system is present and the structure needs to be climbed repeatedly a flexible fall arrest line may be required.
- For climbing on the frame construction of metal towers fall absorber may be essential.
- Construction demands a full range of fall protection solutions to meet the needs of a dynamic workplace. That's why workers turn to SINGING ROCK for expertise, superior quality products and continual systems innovation.

### Fall absorbers:

When using a fall absorber, the elongation of the fall absorber during breaking action shall be considered. As there are different types of fall absorbers on the market, safe use of this product requires careful reading and understanding of instructions for use, where the method of calculation maximal possible elongation of fall absorber is stated. For your safety we recommend to add another 0.5 m to the calculated distance.

### Some basic principles of using ropes and lanyards:

Keep your rope out of any sharp edges, rough surfaces and chemicals. Especially on slopes anticipate potential direction of fall and the strain of your rope. When working on constructions, pay attention to the direction of leading your rope and anticipate its possible strain. When using lanyards either to climb the construction or to positioning, take heed to reduce potential fall to minimum! Therefore always place the anchor point above the worker.



Work positioning on a frame construction



W9600  
**FLASH INDUSTRY**  
working helmet  
page 62



C006BH  
**GRIPPY**  
leather gloves  
page 112



C006BH  
**GRIPPY**  
leather gloves  
page 75



K0016AA00  
**OZONE** triplelock  
page 53



K4241Z005  
**OVAL STEEL**  
**CONNECTOR**  
triple lock  
page 55



K9000BB03  
**PORTER**  
plastic holder  
page 56



W2500  
**STITCHED EYE**  
rope with  
sewn loop  
page 36



W0052B010  
**WORKING BAG**  
transport bag for  
working harness  
page 107



W1012WB  
**SITE + K370**  
work positioning lanyard  
page 75



W4342W155  
**REACTOR 3 „Y“**  
shock absorber  
page 99



W2016\*080  
**SLING LANYARD**  
sewn sling  
page 88



W2001  
**OPEN SLING**  
sewn sling  
page 88



W0081DR  
**PROFI WORKER 3D**  
standard  
fully adjustable  
fall arrest and  
rope access harness  
page 10





## rope access

Lanyard with a whipped loop Using lanyard with a loop is the best possible method of eliminating the possibility of erroneous tying of a knot during anchoring. Rope access is called "royal discipline" in working at height activities. This working method is fast, effective, has little effect on the workplace and it is very quick to install and dismantle. It is used for a wide variety of work: cleaning, painting, inspection and other working situations.

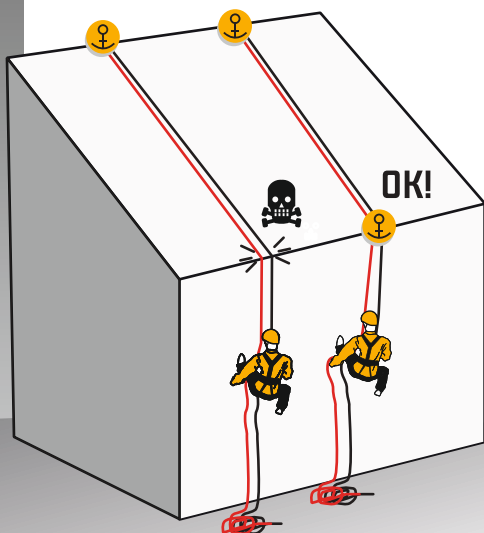
## Where is rope access used?

There are five main areas in which rope access companies operate (and examples of the range of work carried out):

- Inspection and Testing Safety surveys
- Maintenance and Repair Sealant installation and reinstatement
- Cleaning and Painting Jet spray, grit blast and three-tool method
- Geotechnical (Civil Engineering) Permanent rock anchorage
- Construction Cladding

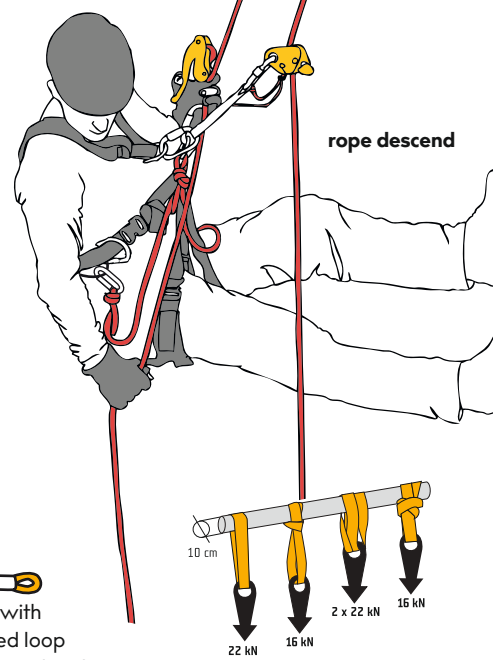


rope ascend



## Rope-access techniques:

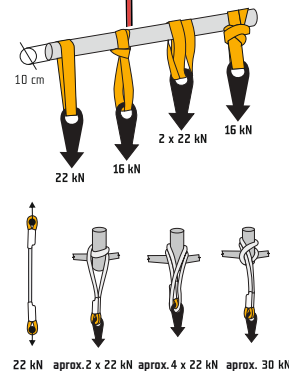
If reaching the working place using the rope from above, the risk of a worker falling is minimal. If it is necessary to ascend to use the working place, then it is necessary to set up sufficiently solid anchor points in proper distance, to make possible worker's fall was as short as possible. Work at height must be practised only by properly trained workers! When using climbing techniques the first climber is safeguarded indirectly. The locking device is incorporated in a sufficiently solid anchor point outside the body of the safe guarder. An advantage is the possibility of providing first aid to the first climber in a relatively short time.



rope descend



Lanyard with a whipped loop Using lanyard with a loop is the best possible method of eliminating the possibility of erroneous tying of a knot during anchoring.



Creation of a backup anchor point

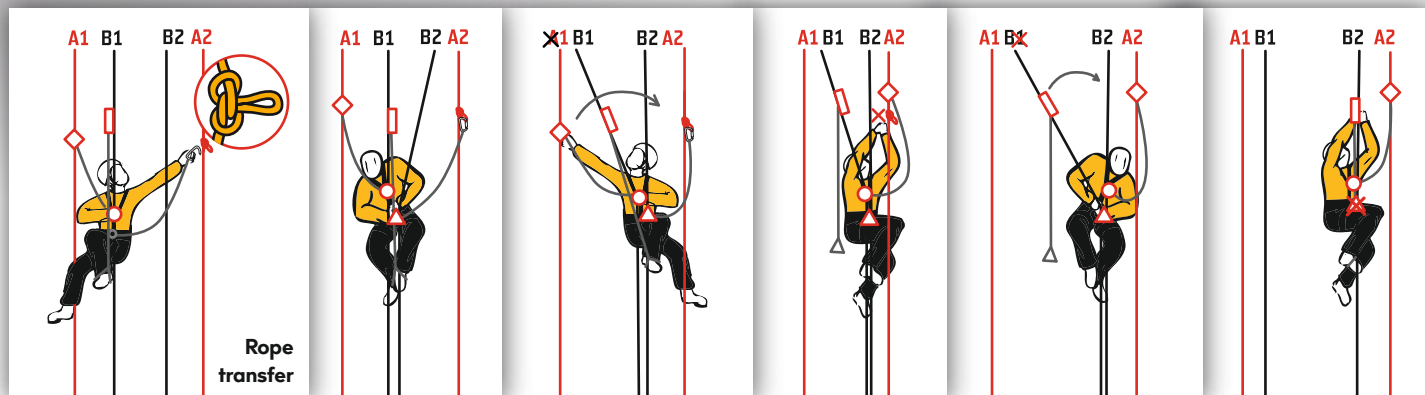
Establishment of a friction brake

Cancellation and transfer of the securing device to a new securing rope

Cancellation of a backup anchor point

Cancellation of a brake (transfer safeguarding)

Transfer of a hand or chest ascender



✗ coff - bellay

△ braking device (SR)

□ hand ascender (LIFT)

○ chest ascender (CAM CLEAN)

◇ locker (LOCKER)

L0450WG  
**STATIC**  
**R44 11.0**  
static rope  
page 36



W9600  
**FLASH INDUSTRY**  
working helmet  
page 62



K6391BB  
**LIFT**  
hand ascender  
page 71



K6400BB  
**CAM CLEAN**  
Chest ascender  
page 72



K032SIR00  
**SIR**  
multipurpose device  
for rope acces  
page 72



W1010BB09  
**LOCKER**  
guided type fall arrester  
page 75



W0079DR  
**EXPERT 3D**  
**speed**  
fully adjustable  
rope access  
harness  
page 8



W1015B020  
**LOCKER SLING**  
certified sling for the Locker  
page 76



K4241Z005  
**OVAL STEEL**  
**CONNECTOR**  
triple lock  
page 55



K0018AA00  
**OZONE triplelock**  
light alloy oval  
carabiner  
page 53



W0010YB  
**FRANKLIN**  
work positioning  
seat  
page 23



RK801EE00  
**PULLEY EXTRA**  
durable and lightweight  
pulley  
page 73



W2001  
**OPEN SLING**  
sewn sling  
page 88



W8100B  
**ROPE**  
**PROTECTOR**  
page 42



K00500S03  
**EDGE ROLLER**  
rope protector  
page 44



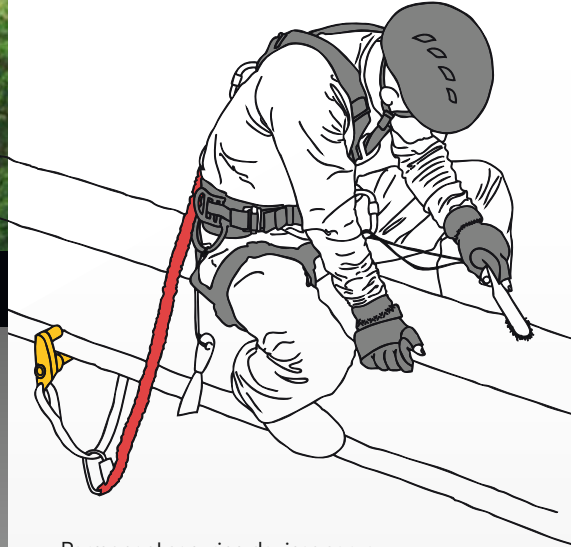


## ladders

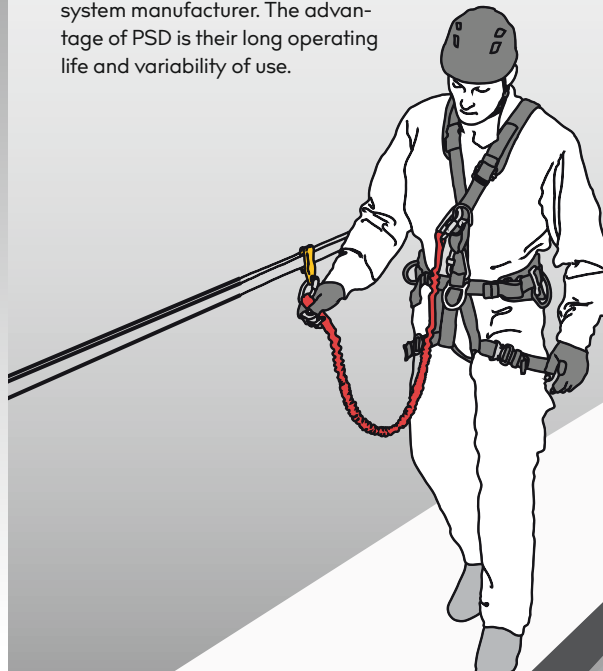
Ladders remain one of the most common agents involved in a fall from height and account for more than a quarter of all falls. A third of all reported fall-from-height incidents involve ladders and stepladder. Ladders can be used if after assessing the risks the use of more suitable work equipment is not justified because of the low risk and short duration. Short duration is taken to be between 15 and 30 minutes depending upon the task. Ladders can also be used for low risk work where there are features on the site that mean a ladder must be used.

### On a ladder or stepladder DO NOT:

- move them while standing on the rungs/steps;
- support them by the rungs or steps at the base;
- slide down the stiles;
- stand them on moveable objects, such as pallets, bricks, lift trucks, tower, scaffolds, excavator buckets, vans or mobile elevating work platforms;
- extend a ladder while standing on the rungs



Permanent securing devices serve to secure workers in places where it is possible to set up fixed anchor point in the working place or near it. These are then interconnected by steel rope or a rail. For moving and securing, the worker uses connectors (EN 362) or special slider made for this purpose and supplied by the system manufacturer. The advantage of PSD is their long operating life and variability of use.



Fall arrest systems form an important element of the safety chain. When used correctly, they ensure sufficient absorption of fall energy, thus preventing the worker's body from being damaged. If the worker faints during or after fall, it is necessary to transport him to a safe place. The long hanging of unconscious body may have fatal consequences (trauma caused by hanging). Therefore keep in mind that fall arrest systems should be only used by trained workers. In case of need they should be able to aid each other at rescue and recovery action.



W9600  
**FLASH INDUSTRY**  
working helmet  
page 62



W0083  
**EX-TEN III**  
Support of the  
waist belt  
page 19



W1010BB09  
**LOCKER**  
guided type fall  
arrester  
page 75



W4100Y120  
**JOULE**  
reactor  
page 100



W0063BB  
**TECHNIC standard**  
fully adjustable  
fall arrest and  
positioning  
harness  
page 13



K4241Z005  
**OVAL STEEL**  
**CONNECTOR**  
triple lock  
page 55



K0018AA00  
**OZONE**  
triplelock  
light alloy oval  
carabiner  
page 53



W1012WB  
**SITE + K370**  
work positioning  
lanyard  
page 75



X0071XS12  
**BEAM MOBILE**  
mobile anchoring  
system  
page 68



W4331W155  
**REACTOR 3 „1“**  
shock absorber  
page 99



W2500  
**STITCHED EYE**  
rope with  
sewn loop  
page 36



RK801EE00  
**PULLEY EXTRA**  
durable and  
lightweight  
pulley  
page 73



W2016\*080  
**SLING LANYARD**  
sewn sling  
page 88



W0052B010  
**WORKING BAG**  
transport bag for  
working harness  
page 107



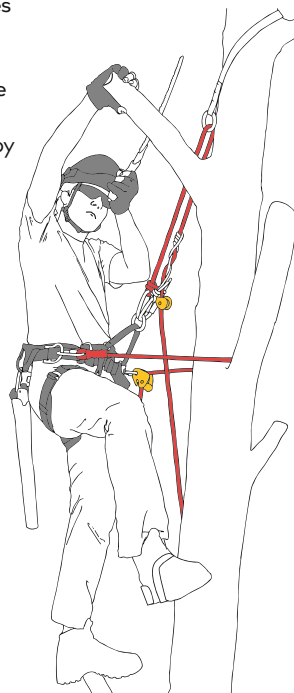
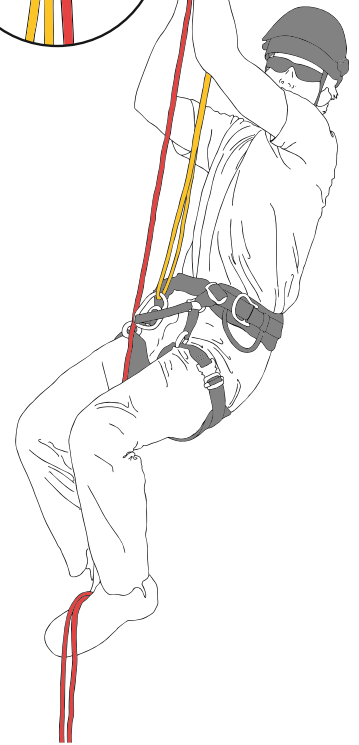
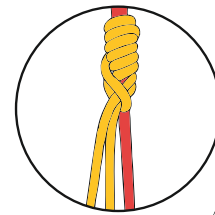
## tree care

An arborist, arboriculturalist or tree surgeon is a professional in the practice of arboriculture, which is the management and maintenance of the trees. To move around freely and efficiently, arborists fasten a rope from the ground and then install a device for ascending the rope. Once the arborist is in position, he needs to remain balanced and feels comfortable for pruning, removal of dead branches, shaping of tree for structural, health and aesthetic purposes.

Arborist is an expert who looks after trees in public green areas with the intention to keep them healthy and in a state of operational safety. He proposes solutions for treatment based on arboristic knowledge while taking into account the interests of nature and environment conservation as well as regulations affecting work safety. This profession is inherently connected with moving in the tree using rope techniques, where the arborist installed an ascent rope from the ground by throwing a bag. In the tree he can then choose a suitable anchor point where he places a cambium protector and then places his working rope into it. After reaching the working place and before starting the actual work, the arborist must be in a comfortable and safe position. This is ensured by adjustable positioning devices.

Prior to starting work, the arborist in the tree must always have two independent adjustable positioning devices.

There are several methods of how to use rope techniques to get from the ground into a tree. One method is using a footlock.



One of the most effective options of getting into the tree is setting up ascent ropes from the ground. It is done by throwing a light bag carrying a thin rope over the required anchor point. The ascent system is then pulled by this light rope.



W9600  
**FLASH INDUSTRY**  
working helmet  
page 62



K6391BB  
**LIFT**  
hand ascender  
page 71



L045000  
**STATIC**  
**R44 11.0**  
static rope  
page 36



K0018AA00  
**OZONE**  
**triplelock**  
light alloy oval  
carabiner  
page 53



K0119EE00  
**BORA**  
**triplelock**  
light alloy  
HMS carabiner  
page 51



W1040R  
**JINGLE II**  
cambium saver  
page 25



W0061DR  
**TIMBER 3D**  
work positioning  
harness  
for arborists  
page 24



K032SIR00  
**SIR**  
multipurpose device  
for rope acces  
page 72



W2001  
**OPEN SLING**  
sewn sling  
page 88



W1028BY00  
**TOOL HOLDER**  
page 96



W1024BX  
**FOOTER II**  
ascender webbing  
page 94



W2608  
**TIMBER**  
**ACCESSORY**  
**CORD**  
with sewn eyes  
page 42



C0001YY00  
**CARRY BAG**  
practical bag for  
a rope  
page 106



RK800EE00  
**PULLEY SMALL**  
durable and light weight pulley  
page 74



W9500Y  
**TREEMOUSE**  
arboristic throwing  
bag  
page 25



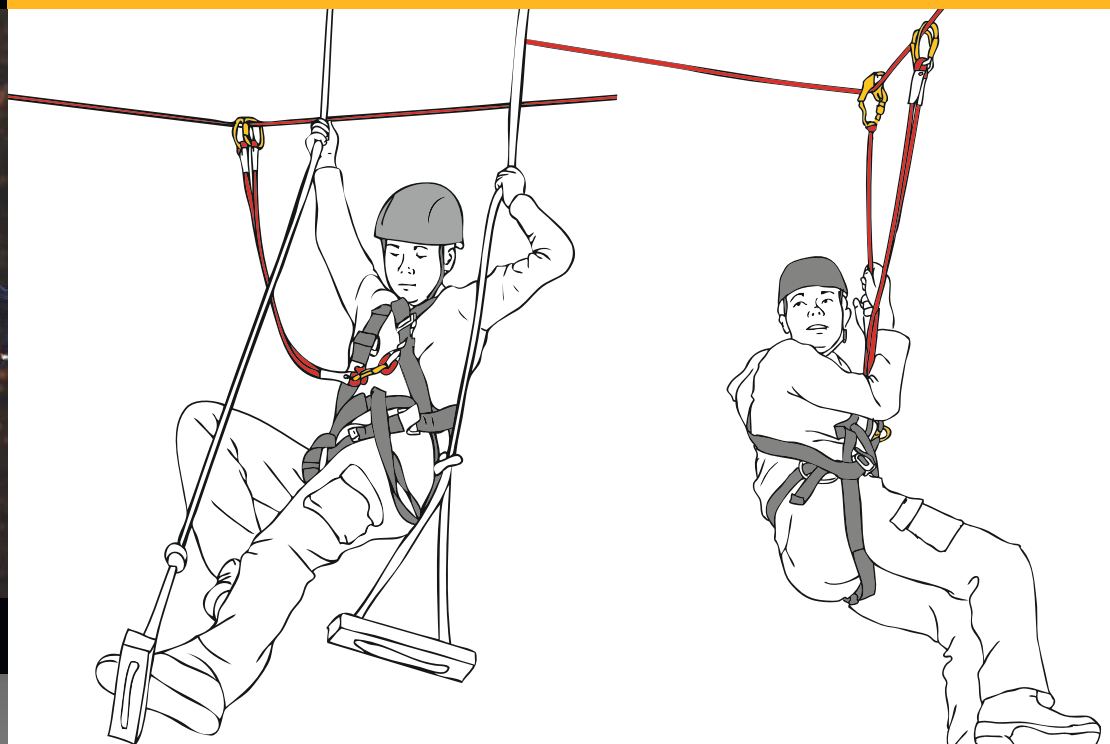
C0053RW  
**FIRST AID BAG**  
(without contents)  
page 108





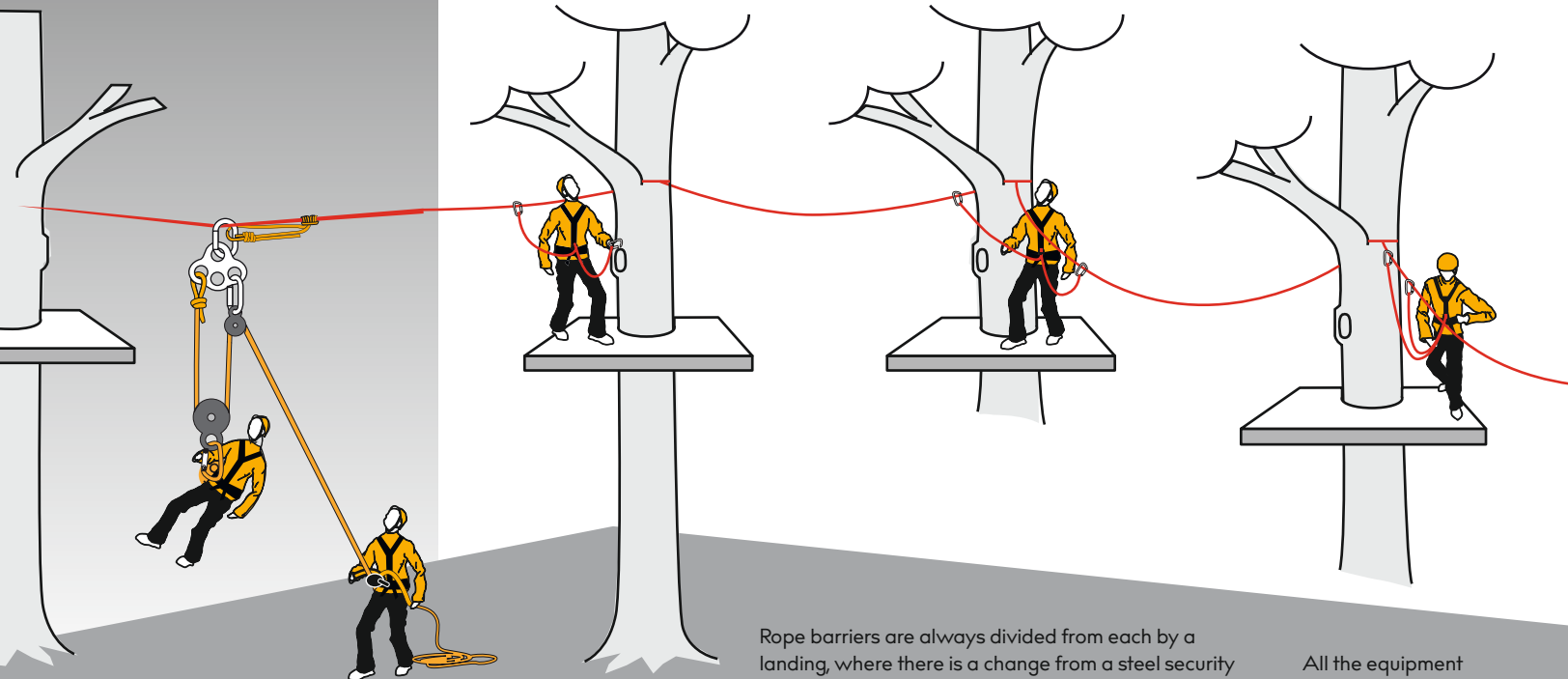
## ropes courses and adventure parks

Complete range of the equipment intended for the rope courses and adventure parks. The safety equipment for each participant basically consists of a harness, a lanyard and a belay system. Sometimes helmets are also used.



Rope parks are a combination of working and sports climbing. It is a leisure-time activity mainly carried out by people who are gaining experience with climbing. This activity combines working as well as sports equipment. The person (client) is ideally dressed in a whole-body harness. To connect to the steel security rope there are two connectors and these are connected to the harness by a fabric loop. In addition, the client is equipped with a double pulley, which is connected to the harness fabric loop.

Funicular (fly-over crossing). Here the client must first attach a double pulley to the steel rope on which he slides over the distance given. Behind the pulley, he attaches the first and the second security loop with the connector. The whole weight of client is in the pulley. Security loops move freely behind the pulley.



Rope barriers are always divided from each by a landing, where there is a change from a steel security rope to another (i.e. from one rope barrier to another). The client always has to lock one security loop and the other security loop. It must never happen that both loops are disconnected from the security steel rope at the same time. It is the same system as securing via ferrata.

All the equipment used in the rope park must be checked every 12 months even if it is sports equipment.



W9600  
**FLASH INDUSTRY**  
working helmet  
page 62



K0018AA00  
**OZONE**  
triplelock  
light alloy oval  
carabiner  
page 53



K82008Z  
**SMALL**  
**CONNECTOR**  
with automatic  
locking  
page 54

W2200W100  
**LANYARD „1”**  
page 89



W0068BR  
**BODY II standard**  
fall arrest harness  
page 13



K82008Z  
**MAILLON**  
**SMALL OVAL**  
steel maillon  
carabiner  
page 54



L3680BB  
**TANDEM PULLEY**  
page 73



C006BH  
**GRIPPY**  
leather gloves  
page 112



C0053RW  
**FIRST AID BAG**  
(without contents)  
page 108



S9000YY35  
**GEAR BAG**  
waterproof bag  
page 106



K9000BB03  
**PORTER**  
plastic holder  
page 56



K4241Z007  
**OVAL STEEL**  
**CONNECTOR**  
triplelock  
page 55

## EVACUATION SET



K032SIR00  
**SIR**  
multipurpose device  
for rope acces  
page 72



K6370BB  
**RIGGING PLATE**  
1/3  
page 67



K4241Z005  
**OVAL STEEL**  
**CONNECTOR**  
screw  
page 54



RK800EE00  
**PULLEY SMALL**  
durable and  
lightweight  
pulley  
page 75



RK801EE00  
**PULLEY EXTRA**  
durable and  
lightweight  
pulley  
page 74



K0018AA00  
**OZONE**  
triplelock  
light alloy oval  
carabiner  
page 53

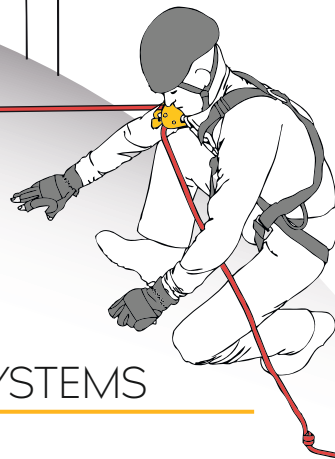
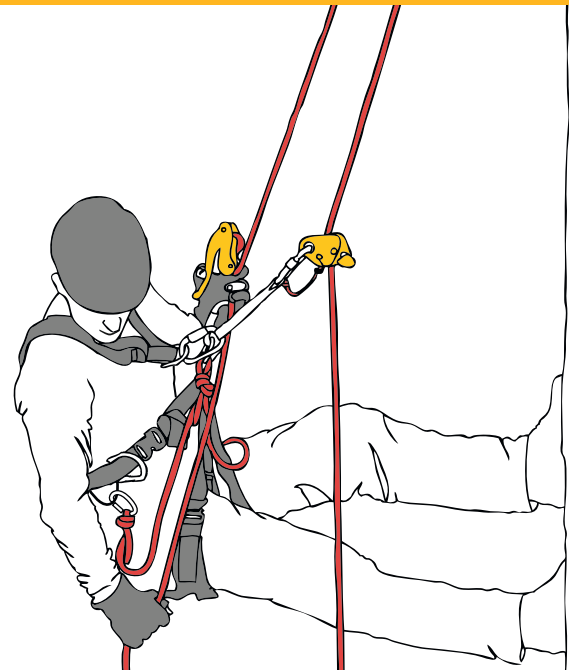
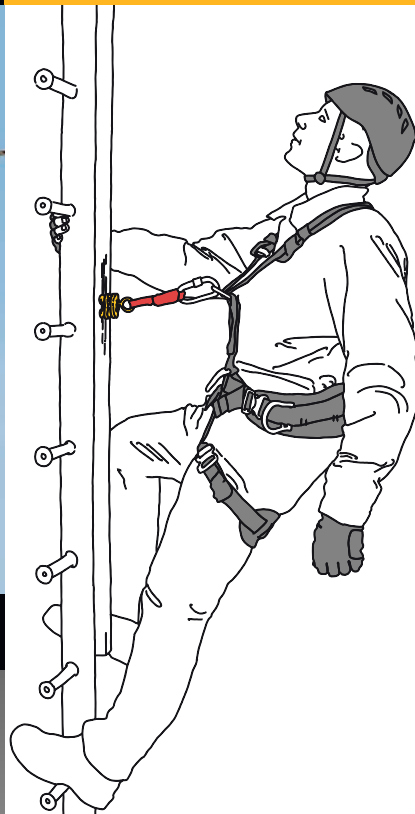


W2500  
**STITCHED EYE**  
rope with  
sewn loop  
page 36

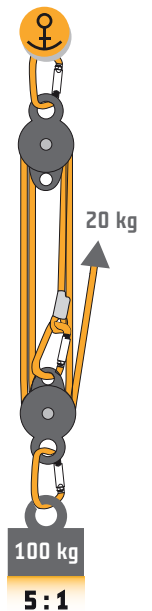
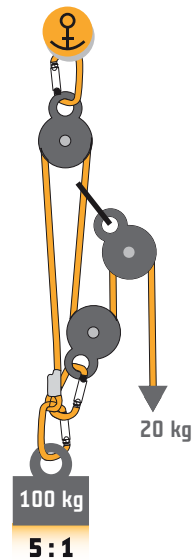
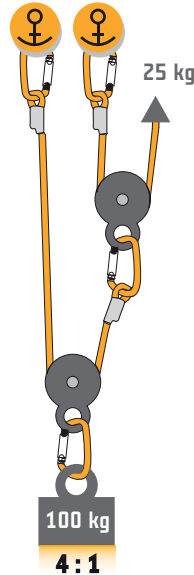
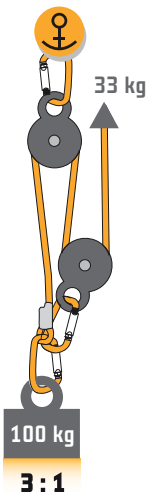
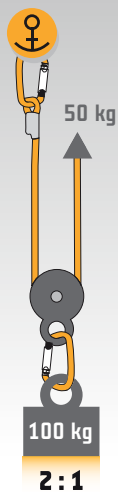
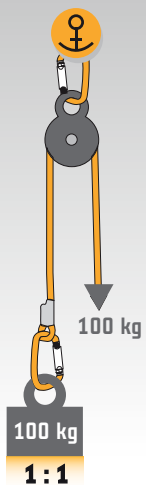


## wind turbines

Work at height for wind turbine operators includes the elements of a safe system of work, equipment selection and inspection, use of tools, risk assessment, method statements and emergency procedures. Evacuation and rescue using industry standard equipment are practiced at height.

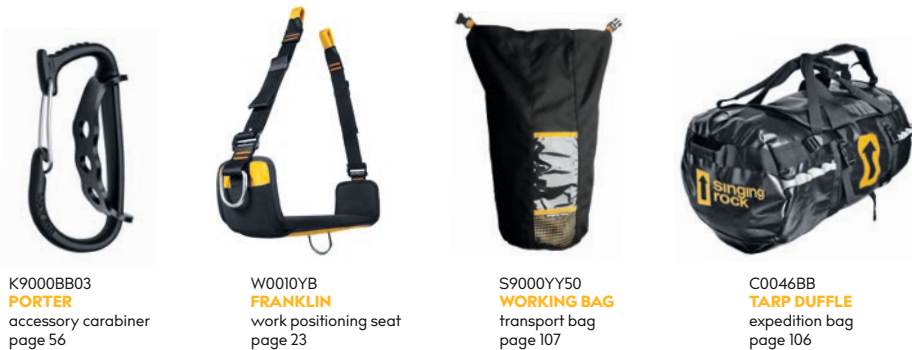


## BASIC PULLEY SYSTEMS





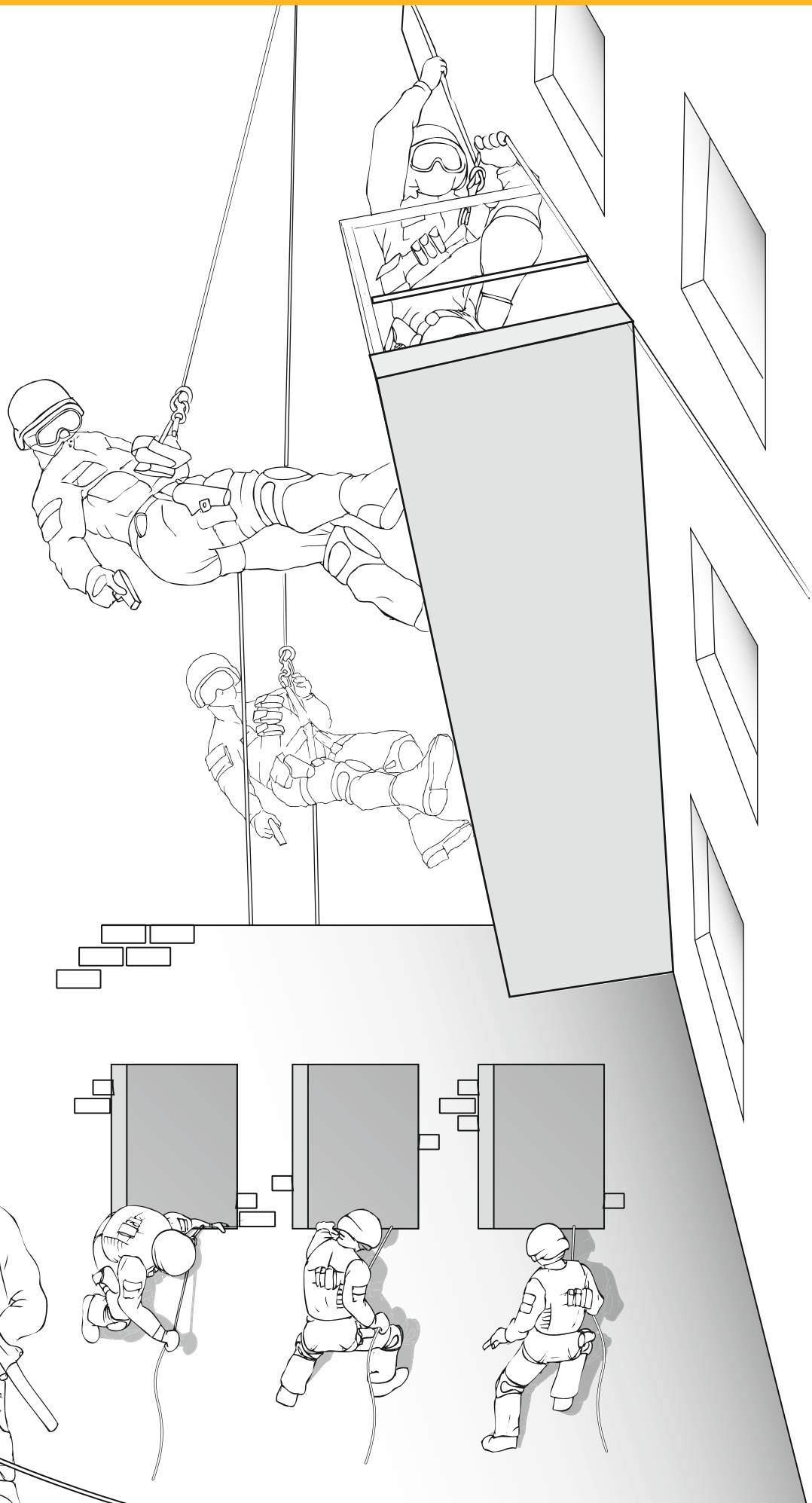
## EVACUATION SET





### military and special forces

Complete range of black textile and metal (matt) products, including ropes and lanyards. Special ropes with unique features. Easy use of equipment in the cruelest conditions you can image. Handling in gloves, manipulation in a dark and quick releasing are obvious.





X0033  
**FLASH INDUSTRY**  
work helmet  
page 62



K0016BB00  
**OZONE screw**  
light alloy oval  
carabiner  
page 53



K6180BB  
**RESCUE FIGURE EIGHT**  
special figure eight  
for rescue  
page 70



K6132BB  
**BUDDY**  
belay tube  
page 69



L0230BB  
**STATIC 10,5**  
static rope  
page 36



W0021BB  
**STRIKE**  
tactic harness  
page 15



W1010BB09  
**LOCKER**  
guided type fall  
arrestor  
page 75



W1015B020  
**LOCKER SLING**  
certified sling for the  
Locker  
page 76



W004\*120  
**EYE SLING**  
sewn sling  
page 88



W8100B  
**ROPE PROTECTOR**  
page 42



K032SIR00  
**SIR**  
multipurpose device  
for rope acces  
page 72



K6391BB  
**LIFT**  
hand ascender  
page 71



W0005BB09  
**LAIKA**  
dog harness  
page 26



## ACCESSORIES



K9000BB03  
**PORTER**  
accessory carabiner  
page 56



S9000BB35  
**WORKING BAG**  
waterproof bag  
page 106



W1001BB  
**URNA**  
leg rope bag  
page 44



### chair lift evacuation

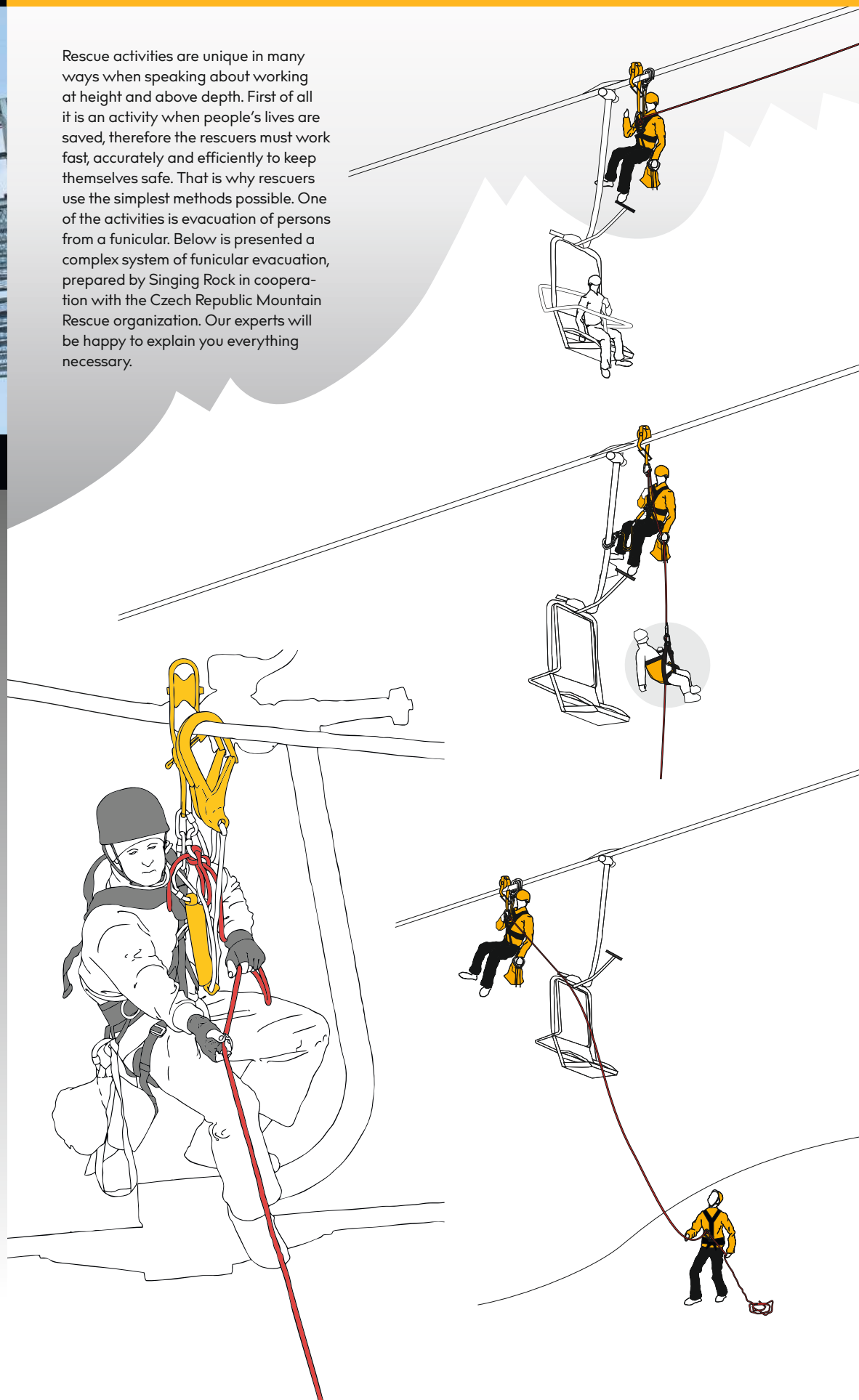
Ski lift or gondola evacuations utilize specialized rescue techniques and gear that must perform regardless of weather conditions.

The success of evacuation operations begins with having the proper ski lift or gondola evacuation gear then hinges upon the instruction, training and practice of the operating personnel.

If the ski lift equipment fails, the person in charge must evacuate passengers according to the evacuation plan. Evacuation of a ski lift requires specific techniques for movement along a cable. For maximum efficiency, these operations are led simultaneously by several independent teams.

Evacuation is a team effort and requires perfect coordination by everyone involved. SINGING ROCK team cooperates with ski resorts all over Czech Republic to improve rescue methods and develop a new gear.

Rescue activities are unique in many ways when speaking about working at height and above depth. First of all it is an activity when people's lives are saved, therefore the rescuers must work fast, accurately and efficiently to keep themselves safe. That is why rescuers use the simplest methods possible. One of the activities is evacuation of persons from a funicular. Below is presented a complex system of funicular evacuation, prepared by Singing Rock in cooperation with the Czech Republic Mountain Rescue organization. Our experts will be happy to explain you everything necessary.



W9600  
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## PICTOGRAMS



### Rock&Lock

Patented smart buckle used on SINGING ROCK harnesses and other products enables to lock and open very quickly.



### Lady fit

Specially designed products for women.



### Route 44

SINGING ROCK patented technology for rope production. A rope is produced on 44 carrier machine which provides great handling, low weight and durability.



### Teflon®

Ropes protected with a DuPont™ TEFLON® fabric protector have extraordinary water and abrasion resistance.



### Single Tech

With the Single Tech system each strand is braided into the sheath separately. Single Tech sheath construction increases the rope's wear resistance and improves the rope's mechanical properties, such as flexibility.



### Single rope

Marking of single dynamic rope for climbing and mountaineering used in single strand.



### Half rope

Marking of half rope for mountaineering, multipitch and ice climbing. Individual strands of rope are used in alternation in the protection system. This system reduces the risk of rope breakage caused by falling stones, and provides maximum safety in alpine conditions and for difficult climbs.



### Twin rope

Marking of twin ropes for mountaineering, multipitch and ice climbing. Pairs of the same type of rope are always used, sharing the same protection points. Twin ropes guarantee a high level of safety, especially for multipitch climbing in alpine conditions.



### Stitched eye

sewn loop at the end of kernmantle low stretch rope used as a substitute of a knot. Used mainly to attach ropes to anchor or attachment points.



### UIAA

Products marked with this symbol meet strict UIAA safety requirements. The UIAA is the International Mountaineering and Climbing Federation. In most cases, UIAA requirements are sometimes stricter than EN standards.



### Symbol of compliance

The CE symbol declares that the product is in compliance with the safety requirements of the applicable European standard. The number after the symbol CE (e.g. CE 1019) identifies the relevant accredited testing lab.



### UIAA Water repellent

A standard for water repellent ropes approved by the UIAA Safety Commission. To pass the test at a certified laboratory, the amount of absorbed water must not be greater than 5% of the rope's weight. For comparison, a non-treated rope absorbs around 50% of water in this test, and ropes labelled as „dry“ but lacking adequate treatments can absorb between 20% and 40% of water.



### ANSI

American National Standards Institute – is a private non-profit organization that oversees the development of voluntary consensus standards for products, services, processes, systems, and personnel in the United States.[3] The organization also coordinates U.S. standards with international standards so that American products can be used worldwide.



### NFPA

The National Fire Protection Association is a United States trade association, albeit with some international members, that creates and maintains private, copyrighted standards and codes for usage and adoption by local governments.



# MATERIALS & TECHNOLOGIES

<b>ABS</b>	Acrylonitrile butadiene styrene is a common thermoplastic polymer. The most important mechanical properties of ABS are impact resistance and toughness. ABS is stronger than pure polystyrene.
<b>Acryl</b>	Lightweight, soft, and warm, with a wool-like feel fabrics or yarn. Strong and warm, acrylic fiber is often used for sweaters and tracksuits and as linings for boots and gloves, as well as in furnishing fabrics and carpets. It is manufactured as a filament, then cut into short staple lengths similar to wool hairs, and spun into yarn.
<b>Anodizing</b>	Electrolytic passivation process used to increase the thickness of the natural oxide layer on the surface of metal parts. Anodizing increases resistance to corrosion and wear, and provides better adhesion for paint primers and glues than bare metal does.
<b>Bamboo</b>	Cloth, yarn, and clothing made out of bamboo fibres. Bamboo fabric is exceptionally soft and light. It is also incredibly hydrophilic, absorbing more water than other conventional fibres such as cotton and polyester.
<b>Cold forging</b>	Deformation of metal while it is below its recrystallization point. This process is usually less expensive than hot forging and the end product requires little, if any, finishing work. Residual stress of material may occur as it handles high stress and high die loads
<b>Cordura</b>	Brand name for a collection of fabrics used in a wide array of products including luggage, backpacks, trousers, military wear and performance apparel. Cordura fabrics are known for their durability and resistance to abrasions, tears and scuffs. Cordura fabrics are usually made of nylon.
<b>Cortex</b>	Polyamide elastic woven fabrics. Cortex fabrics are designed to ensure the maximum ergonomics and comfort.
<b>Dyneema</b>	Registered trademark for a synthetic fabric that is stronger than Kevlar®. Dyneema® is composed of ultra high molecular weight polyethylene. It is resistant to water, most chemicals, UV radiation and bacterial.
<b>ED coating</b>	Electrophoretic deposition coating. A characteristic feature of this process is that colloidal particles suspended in a liquid medium migrate under the influence of an electric field (electrophoresis) and are deposited onto an electrode.
<b>Elastane (Spandex)</b>	Synthetic polyether-polyurea copolymer known for its exceptional elasticity. It is stronger and more durable than natural rubber.
<b>EPS</b>	Expanded polystyrene is a rigid and tough, closed-cell foam. It is made of pre-expanded polystyrene beads. Due to its technical properties such as low weight, rigidity, and formability, EPS can be used in a wide range of different applications.
<b>Fiber glass</b>	Type of fiber-reinforced plastic where the reinforcement fiber is specifically glass fiber. The glass fiber may be randomly arranged, flattened into a sheet (called a chopped strand mat), or woven into a fabric. Fiberglass is unique in its strength and yet it is lightweight. Although it is not as strong and stiff as composites based on carbon fiber, it is less brittle, and its raw materials are much cheaper.
<b>Fleece</b>	Soft napped insulating fabric made from a type of polyester called polyethylene terephthalate (PET) or other synthetic fibers. A lightweight, warm, soft and hydrophobic fabric. Regular polar fleece is not wind-proof and does not absorb moisture. It is readily generates static electricity.
<b>G10 fiber</b>	High-pressure fiberglass laminate, a kind of composite material. It is created by stacking multiple layers of glass cloth, soaking in epoxy resin, and compressing the resulting material under heat until the epoxy cures. G10 is favoured for its high strength, low moisture absorption, excellent electrical insulating properties and chemical resistance.
<b>HF welding</b>	Joining of materials by supplying High Frequency energy in the form of an electromagnetic field (27.12 MHz) and pressure to the material surfaces to be joined.
<b>Hot forging</b>	Deformation of metal while it is above the recrystallization point. Hot forging is recommended for the deformation of metal that features a high formability ratio. Hot forging provides a homogenized grain structure
<b>Injection</b>	Manufacturing process for producing parts by injecting material into a mould. Material for the part is fed into a heated barrel, mixed, and forced into a mould cavity, where it cools and hardens to the configuration of the cavity.
<b>Kernmantle rope</b>	Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility. The core fibers provide the tensile strength of the rope, while the sheath protects the core from abrasion during use.
<b>Kevlar</b>	Kevlar is the registered trademark for a para-aramid synthetic fiber. Kevlar has many applications, ranging from bicycle tires and racing sails to body armor, because of its high tensile strength-to-weight ratio; by this measure it is 5 times stronger than steel. It is designed to protect users from cuts, abrasions and heat. Kevlar-based protective gear is often considerably lighter and thinner than equivalent gear made of more traditional materials.
<b>Nylon</b>	Generic designation for a family of synthetic polymers, based on aliphatic or semi-aromatic polyamides. Nylon is a thermoplastic silky material that can be melt-processed into fibers, films or shapes. Nylon is very much suitable for hosiery and the knitted fabrics because of its smoothness, light weight and high strength.
<b>Polyamide (PA, PAD)</b>	Macromolecule with repeating units linked by amide bonds. Synthetic polyamides are commonly used in textiles, automotive applications, carpets and sportswear due to their high durability and strength. Fibres are very tear-proof and abrasion-resistant and absorb little moisture (thus good transport of moisture away from the body) and are stretchy, crease-free, but also prone to pilling. Polyamide has the highest resistance of all textile raw materials (also when wet) and is very stretchy.
<b>Polycarbonate</b>	Group of thermoplastic polymers containing carbonate groups in their chemical structures. Polycarbonates used in engineering are strong, tough materials, and some grades are optically transparent.
<b>Polyester (PES)</b>	Category of polymers that contain the ester functional group in their main chain. Fabrics woven or knitted from polyester thread or yarn are used extensively in apparel and home furnishings. Industrial polyester fibers, yarns and ropes are used in car tire reinforcements, fabrics for conveyor belts, safety belts, coated fabrics and plastic reinforcements with high-energy absorption. Polyester has excellent return conduct thanks to the rippling property and is very light. Polyester also retains its shape and is colourfast, as well as resistant to sweat and UV-rays (lightfast). Polyester has a high melting point and transfers can therefore be printed on this material)
<b>Polyethylene (PE)</b>	Most common plastic, which is usually a mixture of similar polymers of ethylene. Polyethylene is of low strength, hardness and rigidity, but has a high ductility and impact strength as well as low friction. It shows strong creep under persistent force, which can be reduced by addition of short fibers. Its primary use is in packaging (plastic bags, plastic films, geomembranes, containers including bottles, etc.)
<b>POLYMAR</b>	Registered trademark for a polyester coated with polyurethane tarpaulin fabric. It is UV and weatherproof resistant.
<b>Polypropylene (PP)</b>	Thermoplastic polymer used in a wide variety of applications including packaging and labeling, textiles (e.g., ropes, thermal underwear and carpets), stationery, plastic parts and reusable containers of various types, laboratory equipment, loudspeakers, automotive components, transvaginal mesh and polymer banknotes. An addition polymer made from the monomer propylene, it is rugged and unusually resistant to many chemical solvents, bases and acids. Polypropylene is the world's second-most widely produced synthetic plastic, after polyethylene.
<b>Polystyrene</b>	Synthetic aromatic polymer made from the monomer styrene. Polystyrene can be solid or foamed. General-purpose polystyrene is clear, hard, and rather brittle. Polystyrene is one of the most widely used plastics. Uses include protective packaging (such as packing peanuts and CD and DVD cases), containers (such as "clamshells"), lids, bottles, trays, tumblers, and disposable cutlery.
<b>Polyvinyl chloride (PVC)</b>	World's third-most widely produced synthetic plastic polymer, after polyethylene and polypropylene. PVC comes in two basic forms: rigid and flexible. The rigid form of PVC is used in construction for pipe and in profile applications such as doors and windows. It is also used for bottles, other non-food packaging, and cards (such as bank or membership cards). In flexible form, it is used in plumbing, electrical cable insulation, imitation leather, signage, phonograph records, inflatable products, and many applications where it replaces rubber.
<b>Polyurethane (PU)</b>	Polymer composed of organic units joined by carbamate (urethane) links. While most polyurethanes are thermosetting polymers that do not melt when heated, thermoplastic polyurethanes are also available.
<b>Ripstop</b>	Woven fabrics, using a special reinforcing technique that makes them resistant to tearing and ripping. During weaving, (thick) reinforcement threads are interwoven at regular intervals in a crosshatch pattern. Advantages of ripstop are the favourable strength-to-weight ratio and that small tears can not easily spread.
<b>Stainless Steel</b>	Steel alloy with a minimum of 10.5% chromium content by mass. Stainless steel is notable for its corrosion resistance. Stainless steel does not readily corrode, rust or stain with water as ordinary steel does. However, it is not fully stain-proof in low-oxygen, high-salinity, or poor air-circulation environments.
<b>Teflon</b>	Registered trademark for a synthetic fluoropolymer of tetrafluoroethylene. It is famous for its hydrophobic and abrasive protection properties.
<b>Technora</b>	Registered trademark for an aramid that is useful for a variety of applications that require high strength or chemical resistance. It is closely related to Kevlar (see Kevlar).
<b>Thermolite</b>	Synthetic material made by Invista and used as an insulator. The performance fibers are engineered with a differentiated fiber shape, able to produce battings with sought-after lightweight warmth.
<b>Thermotransfer</b>	Digital printing process in which material is applied to paper (or some other material) by melting a coating of ribbon so that it stays glued to the material on which the print is applied.
<b>Ultrasonic finishing</b>	Sound waves with frequencies higher than the upper audible limit of human hearing is joining the load-bearing core and the protective sheath into a compact unit. It is used to finish kernmantle ropes ends.
<b>Velcro</b>	Registered trademark for a hook-and-loop fastener, which consists of two components: typically, two lineal fabric strips (or, alternatively, round "dots" or squares) which are attached (sewn or otherwise adhered) to the opposing surfaces to be fastened.
<b>Zinc plating</b>	Prevents oxidation of the protected metal by forming a barrier and by acting as a sacrificial anode if this barrier is damaged.



# STANDARDS

The list of EN and US standards for personal protective equipment (PPE) against falls from a height

**EN 12841**

PPE against falls from a height. Descender device for rope access system and rope adjustment devices.

**EN 361**

PPE against falls from a height. Full body harnesses.

**EN 1496**

Rescue equipment. Rescue lifting devices.

**EN 353-1, 2**

PPE against falls from a height. Guided type fall arresters.

**EN 362**

PPE against falls from a height. Connectors.

**EN 1497**

Rescue equipment. Rescue harnesses.

**EN 354**

PPE against falls from a height. Connecting equipment max. length 2 m (incl. connectors).

**EN 813**

PPE against falls from a height. Sit harnesses.

**EN 1891**

PPE against falls from a height. Low stretch kernmantle ropes.

**EN 355**

PPE against falls from a height. Energy absorbers.

**EN 397**

PPE against falls from a height. Industrial safety helmets.

**EN 892**

Mountaineering equipment. Dynamic (stretch) ropes.

**EN 360**

PPE against falls from a height. Retractable type fall arresters.

**EN 358**

PPE for work positioning and prevention of falls from a height. Work positioning systems.

**EN 12278**

Mountaineering equipment. Pulleys.

**EN 341**

PPE against falls from height. Descender devices for rescue.

**EN 567**

Mountaineering equipment. Rope clamps.

**ANSI Z359.1**

Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components

**EN 388**

Protection gloves against mechanical risks

**EN 12275**

Mountaineering equipment - Connectors

**NFPA Class II**

defined by NFPA 1983 as being designed to fit around the waist and thighs or under the buttocks and may be utilized for a maximum of a two-person load

**EN 564**

Mountaineering equipment - Accessory cords

**EN 12277**

Mountaineering equipment - Harnesses

**NFPA Class III**

defined by NFPA 1983 as being designed to fit around the waist and thighs or under the buttocks and over both shoulders, rated for as maximum of a two-person load and is designed to prevent inverting

**EN 566**

Mountaineering equipment - Slings

**EN 12492**

Mountaineering equipment - Helmets for mountaineers

**EN 959**

Mountaineering equipment - Rock anchors

**EN 1498**

Personal fall protection equipment - Rescue loops

**EN 15151**

Mountaineering equipment - Braking devices

**EN 795, EN 795/A1**

PPE against falls from a height. Anchor devices.

## COMPANY INFO

SINGING  
ROCK  
was founded  
in 1992. During 25  
years of its existence,  
Singing Rock has established  
itself as a professional and innovative  
producer and supplier of personal  
fall protective equipment. Nowadays SINGING  
ROCK is one of the world leaders on the market  
of professional protective equipment for work at height,  
military and rescue. The range of equipment available  
includes harnesses, ropes, hardware, rappelling devices, safety  
equipment for heights, anchor points, life lines and sets for typical  
work situations. All of the high-performance and innovative products are  
developed and produced in Czech Republic,  
Europe. The products are certified and fully  
comply with the international industrial safety  
standards. Our products are innovative,  
modern and easy to use, with great strength  
and with maximum comfort... SINGING  
ROCK specializes in its production on:

- Development and production of climbing  
and mountaineering equipment (harnesses,  
mountaineering ropes, belay and rappel  
devices carabiners, helmets, ice axes, crampons  
etc.)
- Development and production of  
professional equipment for working in height  
(harnesses, ropes, connectors, anchor devices,  
helmets, lanyards and fall absorbers)
- Methodology and preparation of rope access  
and secure anchor systems
- Supply or  
development of suitable safety equipment
- Training services
- Follow-up service – regular  
product inspection

All activities at Singing  
Rock run under QMS certification according  
to ISO 9001 standards with special attention  
to development, production and sales of  
Personal Fall Protective Equipment. (Article  
11B of Council Directive 89/686/EEC).

SINGING ROCK products fulfil appropriate EU  
directives and standards and requirements  
of US market (CE, NFPA and ANSI). Singing  
Rock actively participates in preparation of  
these standards and directives by its work  
in the UIAA Safety Commission and CEN  
working group. SINGING ROCK also cooperates  
with Czech Standard Organization  
as an expert in the field of standards for  
personal protective equipment. SINGING  
ROCK simply has everything what you need  
for your Personal Protective Equipment to  
prevent falling (PPE) and for permanent  
fall protection.

[www.singingrock.com](http://www.singingrock.com)

**Warning:**

Activities at height such as climbing, via ferrata, caving, rappelling, ski-touring, rescue, work at height and exploration are dangerous activities, which may lead to severe injury or even death.

Thus the following is essential before use: careful reading and understanding of the instructions for use acquaintance with the possibilities and limitations of the product adequate apprenticeship in appropriate techniques and methods of use understanding and acceptance of the risk involved. In case of doubt or problem of understanding, contact SINGING ROCK.

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