

WORK AT HEIGHTS 2017/2018

PERSONAL PROTECTION EQUIPMENT



Dear valued customers and partners,

We welcome you to A+A 2015 and thank you for your interest in **ROCK EMPIRE** products.

The history of our company dates back to 1990 and began with production of outdoor equipment. After a long period of shortages, the Velvet Revolution offered new business opportunities and the first production of sport sit harnesses and slings fueled the enthusiasm of several climbers. The company specialized in climbing harnesses, and the **ROCK EMPIRE®** brand became synonymous with first- class **climbing equipment**.

Development of climbing equipment has always gone hand in hand with the general needs of movement at heights which translates into many other activities. One of the most important is undoubtedly **safely working at heights**, which is subject to strict standards and certifications. The result is ROCK EMPIRE 's comprehensive range of **high-quality**, personal protection gear that protects users against falls from heights. As a result of our years of experience, we are **EXPERTS AT HEIGHTS**.

Currently, our products are **sold worldwide** in more than 40 countries. For all the equipment we design and produce, we strive for maximum functionality, usability and comfort.

- ☞ ALL OUR HARNESSES ARE MANUFACTURED WITH THE **GREATEST CARE IN THE CZECH REPUBLIC**
- ☞ WE RESPOND **QUICKLY** TO SPECIALISED REQUESTS
- ☞ WE TREAT EVERY CUSTOMER **WITH RESPECT** AND ACT IN A **PROFESSIONAL MANNER**
- ☞ WE PROVIDE **COMPREHENSIVE CUSTOMER SERVICE**
- ☞ WE INSPECT PERSONAL PROTECTION EQUIPMENT FOR WORK AT HEIGHTS ACCORDING TO EN 365
- ☞ WE OFFER **TRAININGS** WITH A FOCUS ON **TECHNICAL SPECIALISTS IN THE WORK AT HEIGHTS AND RESCUE FIELDS**

Managing Director Jiří Chaloupka

This leaflet contains information on new ROCK EMPIRE products that will make your work at heights **SAFE**.

IMPORTANT WARNING Activities, for which personal protection equipment (PPE) is needed, can be dangerous to your life and health. For your safety, please note: » Always read the PPE instructions for use before first use and keep for reference » Always use the PPE in the manner for which they were intended » Attend the required certification and re-certification courses » Inspect older and worn PPE and, when required, have your equipment inspected by a certified PPE examiner » In the event of questions or uncertainty about use of our PPE products, please contact ROCK EMPIRE Inc.

OUR TOP PRODUCTS

For more information, contact us, visit our website www.rockempire.cz or see Work at Heights 2015 Catalogue.



All the working harnesses are manufactured with the greatest care in the Czech Republic.

**NEW
PRODUCT**



SKILL ECON CUP001



Skill ECON is a full-body, fall arrest harness, which offers users outstanding well-balanced parameters including weight, utility, durability and price.

Skill ECON is ideal for users, who during their work, need a harness that offers a combination of fall restraint and positioning, safe work on structures (construction) and work using rope techniques. When needed by the user, it is simple to attach a chest ascender, carabiners and other devices to the harness.

Skill ECON is compact, easily adjustable full-body harness, and its benefits will be appreciated by those who work at heights, over open depths and also rescue and security professionals.



- 1 Upper steel ring - point for fall arrest attachment (EN 361)
- 2 Attachment point on the front for use with descenders (EN 813)
- 3 Back attachment point (EN 361)
- 4 Strap for attaching chest ascenders in the operating position
- 5 Attachment point for positioning (EN 358)
- 6 Light buckle



Product Specifications

Weight: 1856g

Buckle Material: Steel

Connecting Points Material: Steel

Harness Material: Nylon/Polyamide and Polyester

Colour: Orange and Black

Sizes: XS-M; L-XXL

CE EN 361; EN 813; EN 358

ROPER

FALL ARREST DEVICE

ZWR001

A simple but highly effective fall arrest device designed for ropes with diameters between 10.5 to 11mm. **ROPER** comes equipped with the **ROPER CLIP** as added insurance, which, when used properly in the event of a fall, substantially eliminates the possibility of continuous dragging of the fall arrester on the rope. At the same time, it provides safer rappelling when using two-rope techniques.

ROPER CLIP can be purchased separately **ZWR002**.

Locking wheel regulates the amount of friction from the **ROPER** on the rope.

ROPER can be connected to the connection point either directly with an EN 362-certified connector or with an EN 354-certified sling with a maximum length of 150mm. For example, see Lanyard I PA (page 10).

Product Specifications

Weight: 162g (178g with **ROPER CLIP**)

Rope Diameters: 10.5 – 11mm (EN 1891)

Material: Aluminum Alloy

Color: Orange

CE EN 12841-A; EN 353-2; EN 358

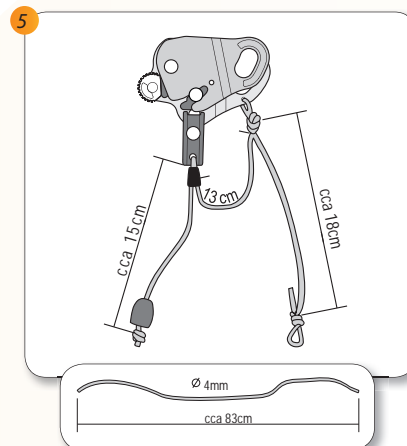


**NEW
PRODUCT**



ROPER CLIP

- 1 Operation position
- 2 Recommended use with ROPER CLIP
- 3 Descending using ROPER
- 4 Fall arrest with ROPER
- 5 Instructions for use





PATENTED

NEW
PRODUCT

ALPHA

EVACUATION TRIANGLE CUD001

The evacuation triangle **ALPHA** with shoulder straps is designed primarily for evacuation of individuals when using special rope techniques.

The evacuation triangle **ALPHA** is made of an elastic material, which guarantees a snug fit around the evacuee. During an evacuation, this fit allows for comfort, safety and an increased secure feeling for every evacuee **from small children to full grown adults**.

Different loop colors allow for selecting the optimal size quickly and easily in every situation and the triangle has adjustable shoulder straps.

Evacuation triangle **ALPHA** can easily be packed into the pocket sewn on the triangle and, once packed, it is a small compact package that easily clips on to a rescuer's harness.

The elastic material ensures easy handling of the evacuation triangle **ALPHA** even at low temperatures, when other materials can harden and become inflexible.

The materials used in the **ALPHA** gives it an outstanding low weight.

Only for rescue purposes.

Product Specifications

Weight: 854g

Size: One Size Fits All

Material: Nylon/Polyamide and Polyester

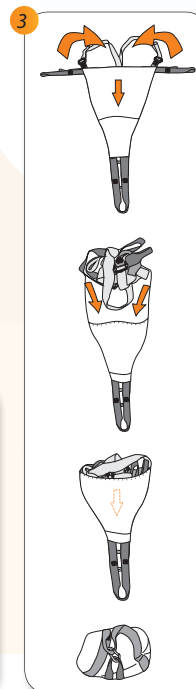
Colour: Orange

Max. Load Weight: 150kg

CE EN 1497; EN 1498



- 1 Adult evacuee in Alpha
- 2 Packaging
- 3 Packing



LANYARD HEDA

CLH006, CLH008, CLH012,
CLH016, CLH020



Connecting and anchoring device for work at heights. Lanyard is produced from a dynamic rope with a diameter of 11.4 mm. Both ends have sewn loops and come attached with ROCK EMPIRE's XXL Multi Use anti-slip rubber piece, which keeps carabiners and other connectors in the correct position. Reinforced stitching is protected by a plastic sleeve.

Dynamic **LANYARD HEDA** offers all the benefits of a dynamic rope (EN 892 type ①) while maintaining the utility value of a typical lanyard, which is usually made of semi-static ropes (EN 1891 type A). Most important is **HEDA**'s ability to absorb more impact energy generated during alternating loading of an anchor or connecting device. This feature makes **HEDA** an ideal device for everyday use when working at heights or above free depths.



Product Specifications

Weight: 132g (60cm)

Max. Strength: 22kN

Lengths: 60, 80, 120, 160, 200cm

CE EN 354, EN 795-B,
Lanyard Heda in the 200cm length only meets EN 795-B

Code	Lenght	Strenght	Norm
CLH006	60cm	22 kN	EN 354, EN 795-B
CLH008	80cm	22 kN	EN 354, EN 795-B
CLH012	120cm	22 kN	EN 354, EN 795-B
CLH016	160cm	22 kN	EN 354, EN 795-B
CLH020	200cm	22 kN	EN 795-B

SARA

STEEL ANCHORING SLING

ZLS011, ZLS012, ZLS013



SARA is an anchoring and connecting device suitable for anchoring, appropriate for connecting belay or work chains wherever the use of textile anchors and connecting devices may not be safe or are inefficient.

SARA has two connecting loops reinforced with a steel liner, which protects the steel cable and, at the same time, guarantees comfortable manipulation when attaching connectors.

SARA's body is protected by a transparent plastic cover, which increases the life of the product while allowing for regular inspections.



Product Specifications

Weight: 413g (80cm)

Rope Diameter: 8mm

Material: Steel

Finished Surface: Galvanized

Colour: Silver

Max. Strength: 22kN

CE EN 354; EN 795-B; EN 16 415

Code	Lenght	Strenght	Norm
ZLS011	80cm	22 kN	EN 354, EN 795-B, EN 16415
ZLS012	120cm	22 kN	EN 354, EN 795-B, EN 16415
ZLS013	160cm	22 kN	EN 354, EN 795-B, EN 16415



**NEW
PRODUCT**



LEDGE

WORK POSITIONING BENCH

CUL002

Work positioning bench **LEDGE** is designed as an accessory mainly for working at heights. **LEDGE** significantly increases the comfort of the user while working on a rope. It also offers additional reinforced load bearing loops, gear loops and storage pockets for supplies.

LEDGE has adjustable fastening straps. This makes it possible to quickly and easily adjust to every user.

This product does not require PPE certification.

Product Specifications

Weight: **1386g**

Size: **One Size**

Material: **Nylon/Polyamide and Polyester**

Colour: **Orange and Black**

Load Weight of the Loops: **50kg**

Load Weight of the Gear Loops: **5kg**

Max. Load Weight: **300kg**

1 Bottom view

2 Side view with pocket details



LEDGE LIGHT

WORK POSITIONING SEAT

CUL001



LEDGE LIGHT is a work positioning seat and is intended as an additional support whenever the user needs to rest when hanging or positioning or wants to increase comfort when working at heights. **LEDGE LIGHT** is a very light-weight, compact and easy to use adjustable seat, which is very portable and takes up very little space.

Fastening straps have two adjustable lengths, which allow the user to adjust **LEDGE LIGHT** according to their needs.

This product does not require PPE certification.

Product Specifications

Weight: **218g**

Size: **One Size**

Material: **Nylon/Polyamide and Polyester**

Colour: **Black**

Max. Load Weight: **200kg**



NEW
PRODUCT

DAISY CHAIN PROFI

CDP135



DAISY CHAIN PROFI is an anchoring and connection device, which consists of 9 weight bearing loops. This unique sling can be used in a variety of ways while maintaining safety. Each individual loop is so strong that it can be connected in any direction needed.



**NEW
PRODUCT**

Product Specifications

Weight: 224g

Length: 135cm

Number of Loops: 9

Length of Loops: 8x15cm; 1x30cm

Material: Nylon/ Polyamide/ Polyester

Colour: **Black**

Max. Strength: 22kN

CE EN 354; EN 795-B; EN 16 415

LANYARD I PA 25 MM

CPI001



Short sling to use as connector between two carabiners or other devices. This product is ideal as a connection between ROPER and EN361 attachment point. Great as short link during rescue operations.



**NEW
PRODUCT**

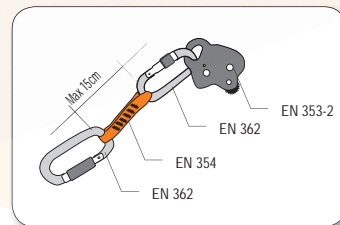
Product Specifications

Length: 15cm

Strength: 25kN

Width: 25mm

CE EN 1019, EN 354, EN 795-B



Instructions for use

LIFE TIME OF PRODUCTS

From 1. 1. 2015

Work Harnesses	10 + 5 years storage
Textile Products	10 + 5 years storage
Ropes	10 + 5 years storage
Helmets	10 + 5 years storage
Metal Products	Restricted by wear and tear
Metal Products with Plastic Parts ***	10 + 5 years storage

*** parts have a direct impact on the functionality (closures, stoppers...)

From 1. 1. 2012

Work Harnesses	10 + 2 years storage
Textile Products	10 + 2 years storage
Ropes	10 + 5 years storage
Metal Products	Restricted by wear and tear

As of December 31, 2011, full-body, chest, sit and adjustable harnesses from ROCK EMPIRE have a product life set at 10 years from the date of production. During the first 5 years from the date of first use, inspections should be done at least once every 12 months. Product life can then be extended by an additional maximum of five years on the condition that the inspections shall be conducted at least once every six months. The above conditions apply to harnesses made after 1.1.2009. Harnesses made in 2008 and earlier have a product life of 5 years. **Other personal protection equipment produced by ROCK EMPIRE from 1.1.2009 have a product life of 5 + 5 years (the same conditions as harnesses), ropes - 10 years, metal products are restricted by wear and tear.** Wear of metal products can be of maximum of 1 mm.

Product life of textiles produced starting on 1.1.2015 (harnesses and other textile products) has been adjusted to 10+5 years (5 years storage, 10 years from date of first use). Product life of ropes has been extended to 10+5 years (5 years of storage, 10 years after the date of first use).

STORAGE CONDITIONS ARE INCLUDED IN THE INSTRUCTION MANUAL.

WORK AT HEIGHTS 2015/2016

PERSONAL PROTECTION EQUIPMENT

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