

**KAYASAFETYUSA.COM** 

**2015**/ENG

WORKING AT HEIGHT AND RESCUE EQUIPMENT







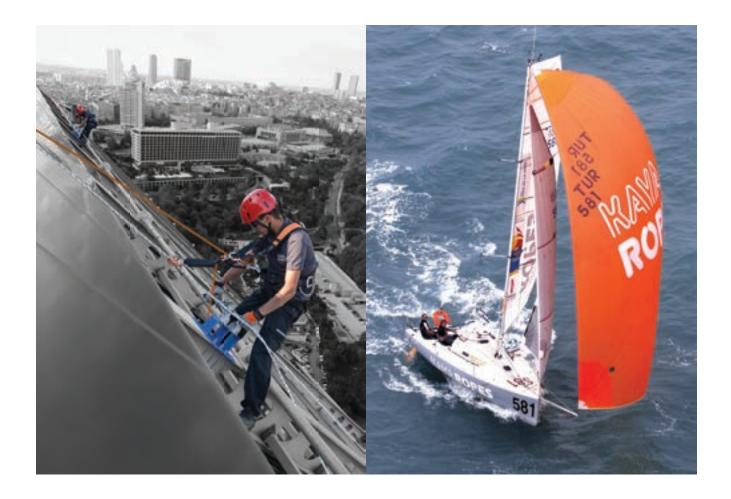
### **MEET MUSA**

It is an ordinary day for Musa at 26 meters above the ground. He is a fully certified Occupational Safety Training team leader. He has been a part of the Kaya Safety team for eight years and has trained over 5000 people during this time.

Every day Musa spends a good deal of his time at heights that would make most people dizzy. And he does not do this alone... Like all of us, he carries his loved ones on his mind, in his heart, and often on his shoulders. His 2-year-old son, Kuzey, and his wife, Duygu, are the main reason why he needs to go home every day, without a scratch.

Musa has a passion for heights and is an experienced mountaineer. The 7010 meter high summit of Mount Khan Tengri in Kyrgyzstan is one of his favorite conquests. He wishes that Kuzey shares his passion when he grows up. Musa has already planned their first expedition as father and son: Mount Kaçkar in northern Turkey. This is why we make sure that Musa goes home every day, without a scratch...





### KAYASAFETY

Kaya safety was established in 1996 to design systems and equipment for work at height activities to be performed properly and safely.

Having the most advanced facility in its field, Kaya Safety designs, develops and manufactures fall arrest systems, rescue and evacuation equipment and lifting equipment in Turkey for institutions and organizations operating in sectors such as Defense, Firefighting, Oil & Gas, Construction and Telecommunication.

In addition to our knowledge and experience gained from working in different fields for over 18 years, we are aware of the issue that employees and managers need to take the necessary training for correct use of safety equipment and systems. We provide sector based trainings in our training facility which is one of the largest working at height simulation centers in Europe. We also support our users with technical documents and product videos for equipment to be used correctly and efficiently.

### KAYAROPES

Kaya Ropes manufactures all kinds of ropes for every field, where life safety and performance is aimed, that are made of from various types of raw materials, at different construction with internationally recognized certifications.

Kaya Ropes has become a leader of innovation in Turkey and one of well-known and requested brands in the world with its technical and technological ropes.

Equipped with most developed machineries, Kaya Ropes manufactures ropes for Sailing, Yachting, Military, Off-Road, Playground, Mountaineering, Rescue, Civil Defense, Safety, Fishing, Energy, Mining and so on.



### KAYATRAINING KAYACONSULTING

Combining with 30 years of knowledge of Kaya Group in Occupational Health and Safety; Kaya Training and Kaya Consulting provide solutions in Strategic Management Consulting, Occupational Health & Safety and Joint Health Security Unit Services since 2001 to a large number of multinational companies and projects in almost all cities in Turkey as well as in Iraq, Gabon, Nigeria, Russia, Kazakhstan, Turkmenistan, Libya, Algeria, Albania, Kosovo, Tunisia, Saudi Arabia, Syria, Ukraine and Morocco and plays an important role in creating Occupational Health and Safety culture with its over 40 professional employees who have international experience.

Kaya Training and Kaya Consulting have 1st class training facilities and infrastructure where various industries can be simulated. The company also maintains its leadership in taking precautions in occupational health and safety and rescue activities and providing training, inspection and supervision services with aim of creating safe working environment. In addition to this, company contributes raising awareness of occupational health and safety issues in employees with its professional internal trainings.

Kaya Training and Kaya Consulting is also a partner of many well-known international organizations in Turkey such as IOSH, (Institution of Occupational Safety & Health), NSC (National Safety Council) and IRATA (Industrial Rope Access Trade Association) and part from this company is able to provide their trainings with its own trainers.



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# P-455 YO FALL ARREST AND WORK POSITIONING SUSPENSION HARNESS

P-455 Y
FALL ARREST AND WORK POSITIONING
SUSPENSION HARNESS

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Rope Access, Restraint, Work Positioning, Climbing, Control Descent and Rescue.
- Back and Chest D-Rings for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
- 2 pieces of waist D-Rings for Work Positioning.
- $\bullet$  1 piece of D-rings in Abdominal Area for Working in Suspension.
- · Suspension Trauma Straps.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Back, Waist, Leg and Shoulder Pads.
- Special design Aluminum D rings.
- Stainless steel AB-45 Automatic Buckles or QB-45 Quick Buckles.
- $\bullet \ \mathsf{UV} \ \mathsf{Resistant} \ \mathsf{High} \ \mathsf{Strength} \ \mathsf{Bonded} \ \mathsf{Type} \ \mathsf{Yarns} \ \mathsf{and} \ \mathsf{Contrastive} \ \mathsf{Color} \ \mathsf{Sewing} \ \mathsf{for} \ \mathsf{Quick} \ \mathsf{Eye} \ \mathsf{Control}.$
- 2 pieces of PVC Coated Gear Loops.

Size : S/M, L/XL, XXL

**Standard:** ANSI Z359.1 - 3, EN 361, EN 358, EN 813, EN 12277

### ARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

**ANCHORAGES** 

ASCENDERS

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL









### **P-455 YO FAST**

## FALL ARREST AND WORK POSITIONING SUSPENSION HARNESS

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Rope Access, Restraint, Work Positioning, Climbing, Control Descent and Rescue.
- Back and Chest D-Rings for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
- Incorporated Chest Ascender Provides an Easy and Secure Attachment Point and Makes Climbing Up the Rope Smoother and More Effective.
- 2 pieces of waist D-Rings for Work Positioning.
- $\bullet$  1 piece of D-ring in Abdominal Area for Working in Suspension.
- · Suspension Trauma Straps.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Back, Waist, Leg and Shoulder Pads.
- Special design Aluminum D rings.
- Stainless steel AB-45 Automatic Leg Buckles For Fast Connection and Release.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.
- · 4 pieces of Gear Loops.

Size : S/M, L/XL, XXL

Standard: ANSI Z359.1 - 3, EN 361, EN 358, EN 813, EN 12277

# P-451 PO-AS ANTI-STATIC FALL ARREST HARNESS

- Ideal solution for safe work at height in explosive atmospheres. It is particularly suitable for Petrochemical and Mining Industry
- The Anti-static material prevents the risk of an electrostatic discharge igniting the explosive atmosphere thus allowing the user to work in complete safety in these high risk environments.
- · 45mm High Tenacity Polyester Webbing.
- Maximum comfort by virtue of Breathing, Antibacterial & Ergonomic Leg and Shoulder Pads.
- Stainless steel AB-45 Automatic Buckles.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL

Environments.

**Standard:** ANSI Z359.1, EN 361, EN 13463-1, EN 13463-5

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

**ASCENDERS** 

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

VERTICAL LIFELINE

HORIZONTAL

DEFENCE

ROPES







Designed for Rope Ascent With a Chest Rope Clamp. The Low Attachment Point Allows For a Fast and Energy Saving Ascent.

Weight: 353 gr

# TS-30 SUSPENSION TRAUMA STRAPS

- Designed to prevent suspension trauma while a worker is awaiting rescue.
- $\bullet$  Helps suspended users to overcome the potential negative health impacts of suspension trauma.
- Made of 30 mm High Tenacity Webbing.
- $\bullet$  Comes with Fast Adjustable Buckles Attached to the Webbing.

Weight: 188 gr (2 pcs)



(TS-30) USAGE OF SUSPENSION TRAUMA STRAPS













### STAR BOSUN'S CHAIR

- Ideal for working short or extended periods in suspension; windows cleaning, maintenance, painting etc.
- Adjustable QB-25 Quick Buckles.
- 3 pieces of gear loops.
- Does not provide any fall protection and must be used with an appropriate fall arrest and rescue system.

Weight: 1.420 gr

# STAR COMFORT BOSUN'S CHAIR

- Ideal for working short or extended periods in suspension; windows cleaning, maintenance, painting etc.
- Wide Sitting Area Provides Comfortable Sitting and Working Position.
- Webbing ladder for resting.
- 3 pieces of gear loops.
- Does not provide any fall protection and must be used with an appropriate fall arrest and rescue system.

Weight: 1.530 gr

### HARNESSE

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

**ASCENDERS** 

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL





### P-453 O

### **FALL ARREST AND WORK POSITIONING HARNESS**

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Restraint and Work Positioning.
- Back and Chest D-Rings for Fast, Easy and Safe Connection.
- 1 x pcs of anchotage point and carabiner on chest for fall arrest and rescue.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Back and Shoulder Pads.
- Special design Stainless Steel D rings.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.
- 2 pieces of Rings for carrying tools and equipment.
- Stainless steel AB-45 Automatic Leg Buckles.

Size : S/M, L/XL, XXL

**Standard:** ANSI Z359.1 - 3, EN 361, EN 358



### P-451 PO

### **FALL ARREST HARNESS**

- Back and Chest D-Rings for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Leg and Shoulder Pads.
- 45 mm high tenacity polyester webbings.
- Special design Aluminum D rings.
- Stainless steel AB-45 Automatic Leg Buckles.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL

**Standard:** ANSI Z359.1, EN 361



### P-453

### **FALL ARREST AND WORK POSITIONING HARNESS**

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Restraint and Work Positioning.
- 1 piece of Back D-Ring for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
- 2 pieces of waist D-Rings for Work Positioning.
- 1 piece of K-2 Oval Type Carabiner for Chest Anchorage Point.
- Maximum comfort by virtue of Breathing, Antibacterial &Ergonomic Waist Pad.
- Stainless steel QB-45 Quick Buckles.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL, XXL

Standard: ANSI Z359.1, EN 361, EN 358



### J-45

### **FALL ARREST HARNESS (JACKET TYPE)**

- 1 piece of Back D-Ring for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
- · Integrated Jacket Harness.
- Easy and fast to put on zipper system.
- Adjustable Buckles.
- 45 mm High Tenacity Webbings.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL

Standard: ANSI Z359.1, EN 361

### HARNESSE:

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

**ANCHORAGES** 

**ASCENDERS** 

DESCENDERS

**HELMETS** 

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL





B-452



B-452 TO



### **WORK POSITIONING HARNESS (WAIST TYPE)**

- Harness Should be Used as a Component in Work Positioning and Restraint.
- 2 pieces of Waist D-Rings for Work Positioning.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Waist Pad.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL

Standard: ANSI Z359.3, EN 358

### **B-452 TO**

### **WORK POSITIONING HARNESS (TELECOM TYPE)**

- Harness Should be Used as a Component in Work Positioning and Restraint.
- 2 pieces of Waist D-Rings for Work Positioning.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Waist and Leg Pads.
- Special design Aluminum D rings.
- Stainless steel AB-45 Automatic Waist and Leg Buckles For Fast Connection and Release.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL

Standard: ANSI Z359.3, EN 358



**BD-85** 

## **BD-85**

## WORK POSITIONING HARNESS (ELECTRICIAN TYPE)

- Harness Should be Used as a Component in Work Positioning and Restraint.
- 2 pieces of 85 mm Aluminium Waist D-Rings.
- Maximum comfort by virtue of Breathing, Antibacterial & Ergonomic Waist Pad.
- · Stainless Steel Metal Componenets.
- Easy Adjustable Buckles.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Size : S/M, L/XL

Standard: ANSI Z359.3, EN 358



**FB-50** 



# FB-50 FORRESTER BELT

### • 1 piece of 45 mm 316 Grade Stainless D-Rings.

- 50 mm Heat-Resistant Kevlar Webbing.
- High Visibility Reflector Band.
- $\bullet$  1 piece of 45 mm 316 Grade Stainless Buckle.

Size: S/M, L/XL Standard: ISO 9001:2008

### FB-50 L

## FORRESTER BELT WITH LANYARD

- $\bullet$  1 piece of 45 mm 316 Grade Stainless D-Rings
- 50 mm Heat-Resistant Kevlar Webbing
- High Visibility Reflector Band
- 1 piece of 45 mm 316 Grade Stainless Buckle
- 1,2 mt Kevlar Lanyard with Carabiner

Size: S/M, L/XL Standard: ISO 9001:2008



### **BD-85** F

### **FIREMAN BELT**

- 1 Piece of Wide Aluminum D Ring.
- 85mm Polyester Webbing.
- Leather Covered pinning area.
- 1 Piece of 85mm Tongue Buckle.
- 1,2 Meter Leather Covered Lanyard with Carabineer.

Size : S/M, L/XL

**Standard:** ANSI Z359.3, EN 358, EN 354

### HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL







SB-2



SB-3



# M-85 AS ANTI-STATIC MINERS BELT

- Ideal for working enviroements where there is flare and explosion risk.
- Maximum comfort by virtue of Breathing, Antibacterial & Ergonomic Waist Pad.
- High visibility in dark environments by reflector bands.
- Special holders to carry respirator set and head lamp battery.
- AB-45 stainless steel automatic buckles.
- UV Resistant high strength bonded type yarns and contrastive color sewing for quick eye control.

Size: S/M, L/XL Standard: EN 13463-1, ATEX

### BM-45 A MINERS BELT

- Maximum comfort by virtue of Breathing, Antibacterial & Ergonomic Waist Pad.
- Easy use with shoulder straps.
- Stainless steel metal components.
- · Easy adjustable buckles.
- High visibility in dark environments by reflector bands.
- UV Resistant high strength bonded type yarns and contrastive color sewing for quick eye control.

Size: S/M, L/XL Standard: ISO 9001:2008

# SB-2 MINERS BELT

- Special holders to carry respirator set and head lamp battery.
- 2 pieces of 316 grade stainless steel D rings.
- 45 mm high tenacity polyester webbing.
- · Leather covered webbing.
- UV Resistant high strength bonded type yarns and contrastive color sewing for quick eye control.

**Size** : S/M, L/XL **Standard:** ISO 9001:2008

# SB-3 MINERS BELT

- Ideal for restraint in mines.
- Special holders to carry respirator set and head lamp battery.
- $\bullet$  1 pieces of 316 grade stainless steel D rings.
- 45 mm high tenacity polyester webbing.
- · Leather covered webbing.
- UV Resistant high strength bonded type yarns and contrastive color sewing for quick eye control.

Weight: 495 gr Standard: ISO 9001:2008











C&H - 80

### **LARGE ANIMAL RESCUE HARNESS**

- $\bullet$  Ideal solution for rescuing large animals such as cows and horses.
- 2 pcs of 85mm wide suspension slings.
- 2 pcs of 80 mm wide body and chest webbings to make the lifting process comfortable.
- Adjustable QB-45 quick buckles.
- Packed in its own special bag.

**Weight**: 5.510 gr **Standard:** ISO 9001:2008

### **DH-30**

### **DOG RESCUE HARNESS**

- Designed to carry search & rescue dogs.
- Ideal for transportation by helicopter.
- Adjustable buckles enables it to be used for dogs of different sizes.
- $\bullet$  Easy clean & changeable support pads.
- It is very light and takes up less space.

**Weight**: 1.110 gr **Standard:** ISO 9001:2008

### **DH-40**

### **DOG CARRY HARNESS**

- Designed to carry search & rescue dogs.
- Ideal for transportation by helicopter.
- Adjustable shoulder straps make it easy to lift, position and control your dog during the evolution.
- Foam pillow suspends the dog in a comfortable position.
- Has Anti-Bacterial and Breathable carry pads.

**Weight**: 1.530 gr **Standard:** ISO 9001:2008

### HARNESSE

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

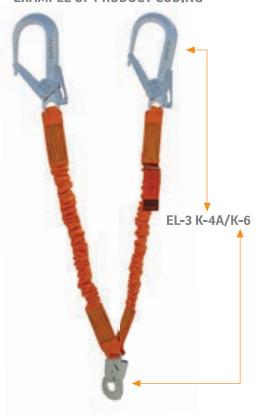
HORIZONTAL



### TWIN-LEG ELASTIC SHOCK ABSORBING LANYARDS



### **EXAMPLE OF PRODUCT CODING**



## **EL-3 SERIES**

### TWIN-LEG ELASTIC SHOCK ABSORBING LANYARD

- Offers complete freedom of movement while reducing trip fall hazards by stretching in reaction to the worker's movements.
- Twin-leg model allows user to keep one leg attached to the anchorage while the other leg is always ready to be hooked to the next anchorage.
- · Made of abrasion resistant polyester tubular webbing.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.
- Rebar hook for use with anchor points requiring large gate opening.

### Models

• EL-3 K-4A/K-6 Bottom: K-6 type carabiner

Top: K-4A type carabiner

• EL-3 K-6/K-6 Bottom: K-6 type carabiner

Top: K-6 type carabiner

Length: 1, 2 & 2 meter

Standard: ANSI Z359.13-2009, EN 355, EN 362, EN 12275

### HARNESSES

## LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

DESCENDERS

**HELMETS** 

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL

DEFENCE

### **CARABINER OPTIONS**

















### **EXAMPLE OF PRODUCT CODING**



### **E-3 W SERIES**

### TWIN – LEG SHOCK ABSORBING WEBBING LANYARD

- Twin-leg model allows user to keep one leg attached to the anchorage while the other leg is always ready to be hooked to the next anchorage.
- Made of highly resistant polyester webbing.
- Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
- Zippered fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

### Models

• E-3 W K-4A/K-2 Bottom: K-2 type carabiner

Top : K-4A type carabiner

• E-3 W K-6/K-2 Bottom: K-2 type carabiner

Top: K-6 type carabiner

Length: 1, 2 & 2 meter

**Standard:** ANSI Z359.13-2009, EN 355, EN 362, EN 12275

### **CARABINER OPTIONS**













Note: For more information please check section: Carabiners

# X indicates carabiners on top E-3 B X / Y Y indicates carabiner on shock absorber

### **EXAMPLE OF PRODUCT CODING**



# E-3 B SERIES TWIN - LEG SHOCK ABSORBING BRAIDED ROPE LANYARD

- Twin-leg model allows user to keep one leg attached to the anchorage while the other leg is always ready to be hooked to the next anchorage.
- Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
- Zippered fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

### Models

• E-3 B K-4A/K-2 Bottom: K-2 type carabiner

Top : K-4A type carabiner

• E-3 B K-6/K-2 Bottom: K-2 type carabiner

Top : K-6 type carabiner

Length: 1, 2 & 2 meter

Standard: ANSI Z359.13-2009, EN 355, EN 362, EN 12275

### HARNESSES

### LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

DESCENDERS

**HELMETS** 

MOBILE FALL ARRESTERS

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VERTICAL LIFELINE

HORIZONTAL

DEFENCE

### **CARABINER OPTIONS**



K-6













### **EXAMPLE OF PRODUCT CODING**



# E-3 T SERIES TWIN - LEG SHOCK ABSORBING TWISTED ROPE LANYARD

- Made of high tenacity 3 strands twisted rope.
- Twin-leg model allows user to keep one leg attached to the anchorage while the other leg is always ready to be hooked to the next anchorage.
- Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
- Zippered fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

### Models

• E-3 T K-4A/K-2 Bottom: K-2 type carabiner

Top: K-4A type carabiner

• E-3 T K-6/K-2 Bottom: K-2 type carabiner

Top : K-6 type carabiner

Length: 1, 2 & 2 meter

Standard: ANSI Z359.13-2009, EN 355, EN 362, EN 12275

### **CARABINER OPTIONS**













### **EXAMPLE OF PRODUCT CODING**





### **WPL**

### **WORK POSITIONING LANYARD**

- Ergonomic design makes it easy to use, ensuring adjustment is quick, accurate and flexible for greater comfort while working.
- Protection sleeve protects the rope against abrasion on rough surfaces and edges.
- $\bullet$  Diameter of the rope is 12 mm.
- Rope grab is made of aluminum alloy.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

### Models

• WPL One side with thimble, the other side spliced end

• WPL K-6/K-2 Rope end : K-6 type carabiner Rope Grab: K-2 type carabiner

• WPL K-4A/K-2 Rope end : K-4A type carabiner Rope Grab: K-2 type carabiner

**Length** : 3 m - 5 m - 7 m - 10 m

Weight: 735 gr

Standard: ANSI Z359.13-2009, EN 358, EN 353-2

### HARNESSES

### LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

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ROPES

VERTICAL LIFELINE

HORIZONTAL LIFELINE

DEFENCE

### **CARABINER OPTIONS**



K-6













### **BP-50 POSITIONING LOCK**

• Used with WPL work positioning lanyard.

Weight: 177 gr



# WPL WA K-6 WORK POSITIONING LANYARD

- · Designed for wood or concrete poles.
- Ergonomic design makes it easy to use, ensuring adjustment is quick, accurate and flexible for greater comfort while working.
- · Protection sleeve protects the rope against abrasion on rough surfaces and edges.
- Diameter of the rope is 12 mm.
- · Rope grab is made of aluminum alloy.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

**Length** : 3 m - 5 m - 7 m - 10 m

**Weight**: 875 gr **Standard**: ANSI Z359.13-2009, EN 358, EN 353-2

### **CARABINER OPTIONS**



















### K-4 KL DOUBLE SAFETY ALUMINUM CARABINER

· Double Locking.

Strength : 30 kN
Gate Opening : 25 mm
Material : Aluminum
Weight : 127 gr

**Standard** : ANSI Z359.12-2009, EN 362

### K-4 SW SWIVEL CAPTIVE EYE ALUMINUM CARABINER

· Double Locking.

Strength : 28 kN Gate Opening : 25 mm Material : Aluminum Weight : 183 gr

**Standard** : ANSI Z359.12-2009, EN 362











# K-4/2A WIDE-MOUTHED DOUBLE ACTION CARABINER

- Large size and wide gate opening facilitate use on large metallic structures.
- Double locking.

Strength: 23 kN Gate Opening: 58 mm Weight: 243 gr

**Standard** : ANSI Z359.12-2009, EN 362

# K-6 SERIES DOUBLE SAFETY CARABINER

Double locking

Strength: 25 kN Gate Opening: 18 mm

 Material
 : Zinc-plated steel

 Weight
 : 245 gr (K-6), 152 gr (K-6A)

 Standard
 : ANSI Z359.12-2009, EN 362

### Models

- K-6 (Steel, Gate Opening 18 mm)
- K-6 A (Aluminum, Gate Opening 20 mm)

# K-4 SERIES ALUMINUM WIDE-MOUTHED DOUBLE SAFETY CARABINER

- Large size and wide gate opening facilitate use on large metallic structures.
- Double locking.

Strength: 22 kN

Weight : 490 gr (K-4A), 900 gr (K-4B) Standard: ANSI Z359.12-2009, EN 362

### Models

- K-4 B (Gate opening 110 mm)
- K-4 A (Gate opening 63 mm)









K-9/3A

**K-9 SERIES** 

maneuvers.

Strength

Weight

LARGE GATE OPENING

**ALUMINUM CARABINER** 

· Keylock system helps prevent

• Red indicator provides a visual warning when the carabiner is

snagging of the carabiner during

• Large size and opening to allow easy

anchoring of several ropes and slings.

unlocked (on SCREW-LOCK version).

:24 kN

Gate Opening: 23 mm

HARNESSES

LANYARDS AND SHOCK ABSORBERS

### CARABINERS

**PULLEYS** 

**ANCHORAGES** 

ASCENDERS

DESCENDERS

**HELMETS** 

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL LIFELINE

DEFENCE

: 94 gr (K-9/2A) 95 gr (K-9/3A)

: ANSI Z359.12-2009 **Standard** 

EN 362, EN 12275

### Models

- K-9/2A Double action auto locking
- K-9/3A Triple action auto locking



### **K-2 SERIES OVAL-SHAPED STEEL CARABINER**

- · Designed for difficult working environments.
- · Multi-purpose use.

Strength : 25 kN (K-2/2ACP)

25 kN (K-2/3ACP)

Gate Opening: 15 mm (K-2/2ACP)

16 mm (K-2/3ACP)

: 215 gr (K-2/2ACP) Weight

187 gr (K-2/3ACP)

Standard : ANSI Z359.12-2009

EN 362, EN 362, EN 12275

UIAA

### Models

- K-2/2ACP Double action auto locking
- K-2/3ACP Triple action auto locking



### K-14 SERIES LARGE GATE OPENING **STEEL CARABINER**

- · Designed for difficult working environments.
- Large size and opening to allow easy anchoring of several ropes and slings.
- · Keylock system helps prevent snagging of the carabiner during maneuvers.
- · Red indicator provides a visual warning when the carabiner is unlocked (on SCREW-LOCK version).

Strength :50 kN Gate Opening: 22 mm

Weight : 216 gr (K-14/2A)

218 gr(K-14/3A)

: ANSI Z359.12-2009 Standard

EN 362

### Models

- K-14/2A Double action auto locking
- K-14/3A Triple action auto locking











### **RP-702 SINGLE PROGRESS CAPTURE PULLEY**

- Has a rotary surface on one side while other surface stays constant.
- · The RP702 has a Bushed, standard free running wheel (non-locking).

**Strength**: 20 x 2 = 40 kN

Safe Working

Load : 800 kg Material : Aluminum Rope Dia: Max. Ø 16 mm Weight: 664 gr

Standard: ANSI Z359: 4

EN 12278 NFPA 1983

### **RP-703 DOUBLE PROGRESS CAPTURE PULLEY**

- Has a rotary side plate on one side while other side plate stays constant.
- The RP703 has Bushed, standard free running wheels (non-locking).

Strength:  $20 \times 2 = 40 \text{ kN}$ 

Safe Working

: 800 kg Load Material: Aluminum Rope Dia: Max. Ø 10-13 mm

Weight: 908 gr Standard: ANSI Z359: 4

EN 12278 NFPA 1983

### **RP-012 SMALL SINGLE PULLEY**

- · Lightweight, compact pulley.
- · Has a rotating side plates.
- Designed for use with a Prusik friction hitch to build a light progress capture system. The shape of the side plates allows the knot to be released when it comes against the pulley.

Strength: 18 x 2 = 36 kN Material: Aluminum Rope Dia: Max. Ø 13 mm Weight: 87 gr Standard: ANSI Z359: 4 EN 12278

**RP-030 SMALL DOUBLE PULLEY** 

- · Lightweight Eiger Pulleys are made from high strength Aluminum and fitted with tamper-proof rivets.
- · Has a rotating side plates.
- · Designed for use with a Prusik friction hitch to build a light progress capture system. The shape of the side plates allows the knot to be released when it comes against the pulley.

**Strength**: 18 x 2 = 36 kN Material: Aluminum Rope Dia: Max. Ø 16 mm Weight : 163 gr Standard: ANSI Z359: 4 EN 12278

HARNESSES

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VERTICAL LIFELINE

HORIZONTAL







# F-6 ENDLESS TUBULAR SLING

- Used to create safe anchoring point for working at height.
- 20 mm polyester tubular webbing.
- UV and dust resistant bonded type high. tenacity sewing thread (different color than webbing).

Strength: 23 kN

**Length**: 50 cm, 100 cm, 150 cm, 200 cm **Standard**: ANSI Z359.1, EN 795/B:2012

EN 566:2006

# F-7 ANCHORAGE SLING

- Used to create safe anchoring point for working at height.
- 50 mm width and 3 mm thick polyester webbing.
- 2 pcs of S304 quality stainless steel D ring.
- UV and dust resistant bonded type high tenacity sewing thread (different color than webbing).

Strength: 23 kN

**Length**: 50 cm, 100 cm, 150 cm, 200 cm **Standard:** ANSI Z359.1, EN 795/B:2012

EN 354:2010

# F-9 EXPRESS BAND

- Used to create safe anchoring point for working at height.
- 20 mm tubular webbing.
- UV and dust resistant bonded type high tenacity sewing thread (different color than webbing).

Strength: 23 kN

**Length**: 12 cm, 17 cm, 22 cm **Standard**: ANSI Z359.1, EN 795/B:2012

EN 354:2010

# F-9 D EXPRESS BAND DYNEEMA

- Used to create safe anchoring point for working at height.
- 20 mm dyneema tubular webbing.
- UV and dust resistant bonded type high tenacity sewing thread (different color than webbing).

Strength: 23 kN

**Length**: 12 cm, 17 cm, 22 cm **Standard**: ANSI Z359.1, EN 795/B:2012

EN 354:2010





- Designed for creating safe connecting point where it is difficult to find anchor point on the wall, pillar and joist.
- Corrosion-resistant.
- Adjustable in accordance with sizes of the door frames.

Loading capacity: 23 kN Weight: 8.900 gr Standard: EN 795/B:2012



W-01 E



W-01 D



- Designed for creating safe connecting point where it is difficult to find anchor point on the wall, pillar and joist.
- $\bullet \ {\sf Rust \ resistant}.$
- Doesn't cause any visual pollution at living areas.
- Consist of male & female parts only.
- Made of 316 grade stainless steel material.

Loading capacity: 23 kN Weight : 375 gr Standard : EN 795/B:2012

### **Product types**

- W-01 Wall Anchor
- ullet W-01 D Wall anchor female component
- W-01 E Wall anchor male component



F-20 A



F-20 AP

# F-20 A BOLT HANGER

Material: Stainless steel Diameter: 10-12 mm Strength: 30 kN Weight: 40-45 gr Standard: EN 795 A1

# F-20 AP BOLT HANGER SET

Material: Stainless steel Diameter: 10-12 mm Strength: 30 kN Weight: 95 gr Standard: EN 795 A1:2012 HARNESSES

LANYARDS AND SHOCK ABSORBERS

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### A-1 JUMAR

- It is used for ascending on a rope.
- Aluminum alloy material.
- Top captive eyes are to be used with pulleys or rope grabs.
- Lower captive eye is to be used with webbing ladder.
- Outer coating is for comfortable hand grip.

Rope Diameter: Ø 8 -13 mm Weight : 238 gr Standard : EN 567, UIAA

### Models

A-1 L: It is for left hand (Orange)
A-1 R: It is for right hand (Blue)

# A-2 CHEST ASCENDER

- Ideal for use in rope access work.
- Compact & lightweight.
- Catch mechanism allows for ease one-handed operation of the device whilst attaching to or removing from the rope.
- Aluminum alloy material.

Rope Diameter: Ø 8 -13 mm Weight : 159 gr Standard : EN 567 HARNESSES

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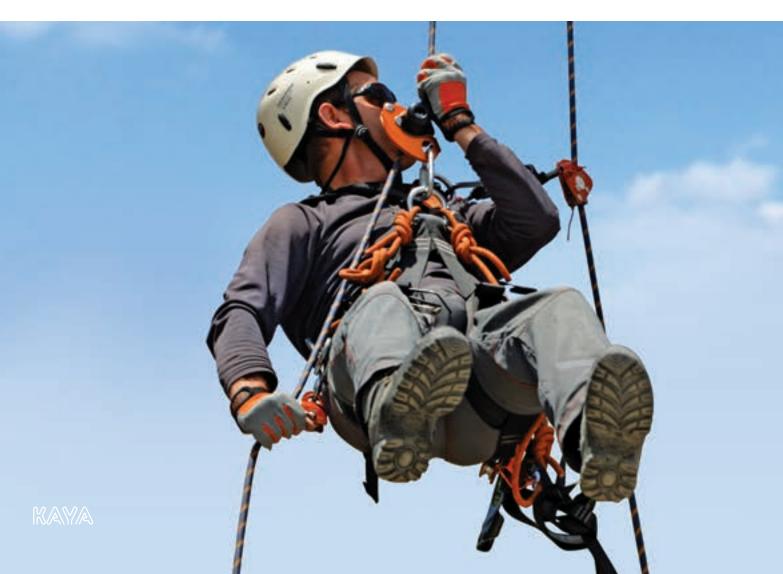


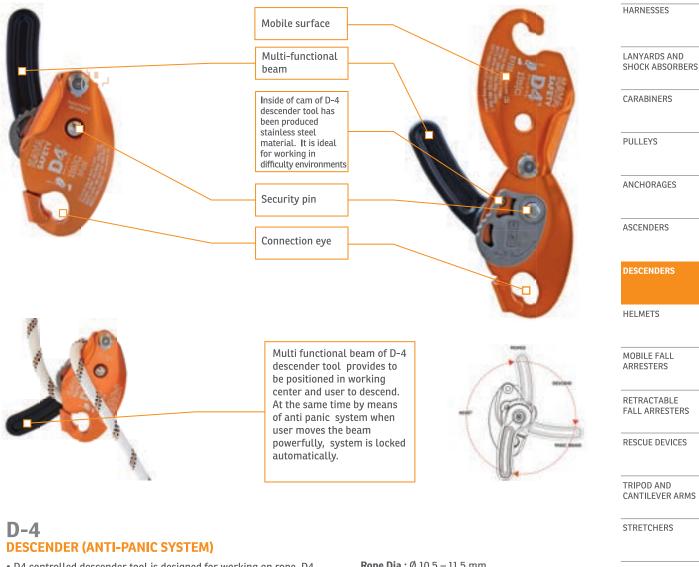


# RP-810 A B DESCENDER

- Large Top Bobbin- improves rope retention for greater ease of use.
- Extending Handle- for greater control when lowering heavy/two man loads.
- $\bullet$  Rope Latch- allows the user to remove the rope, without detatching from their Harness.
- Descender has a panic brake function which is activated when the user pulls too hard on the handle and/or if the user lets go off the handle.

Rope dia: Ø 10,5 – 12,5 mm Weight : 436 gr Standard: ANSI Z359.1, EN 12841-B





- D4 controlled descender tool is designed for working on rope. D4 enables a unique movement in vertical, horizontal and angled works
- It will be attached or deductible to system in any point of rope.
- The progressive cam works by way of one cam operating inside another cam.
- In the working with rope, the gap on rope is taken easily.
- It can work by hands free in lock position and can get work position.
- It owns D4 240 kg work weight. Meaning of this is available for rescue work without being required to extra friction.
- The handle mechanism is designed to rotate through 360° making its use easier and simpler. The handle itself is made from aluminum rather than plastic and is coated in a specially chosen paint which provides extra grip.
- The handle rotation is accompanied by audible clicks which help the user identify the correct position of the handle.
- · By means of anti-panic system, when the user winds up strongly, system is locked automatically.
- The outer body is made of high strength aluminum material.
- Inner cam is made of stainless steel material.
- · Minimum breaking strength is 16 kN.

**Rope Dia**: Ø 10,5 – 11,5 mm

Weight: 655 gr

Standard: ANSI Z359.1, EN 12841, EN 341, NFPA 1983

LANYARDS AND

FALL ARRESTERS

CANTILEVER ARMS

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- It is ideal for rescue operation and works at height.
- Slots for ear protectors fixing.
- Adjustable and removable chinstrap.
- Ventilation with 2 vents.

Color : Red, White, Blue Size : 54/62 cm (Adjustable)

Weight: 400 gr Outer shell: Thermo ABS

Inner shell: High Tenacity polystyrene EPS foam

**Standard** : ANSI Z89.1-2014, EN 397



# H-12 SUMMIT MOUNTAINEERING HELMET

- It is ideal for ski-mountaineering and climbing.
- Adjustable and removable chinstrap.
- Ventilation with 8 vents.

Color : Red, White, Blue Size : 55/62 cm (Adjustable)

Weight: 410 gr Outer shell: Thermo ABS

Inner shell: High Tenacity polystyrene EPS foam

**Standard** : ANSI Z89.1-2014, EN 12492

#### HARNESSES

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### HELMETS

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HORIZONTAL LIFELINE

DEFENCE

### ACCESSORIES



**SHORT VISOR** 



**LONG VISOR** 



**VISOR+EAR MUFFS** 







- The RED's non-aggressive Cams have a positively locking spring, which means that the device is self-parking (rather than self-tailing, like many Rope grabs).
- Rotational Braking' feature provides the automatic braking in the event of a fall.

Weight: 210 gr Material: Aluminum Rope Dia: Ø 10,5 – 11 mm

(Use only with rope certificated according to

EN 1891 Type A)

Standard: ANSI Z.359.1, CE EN 12841-A



## RP-209 MINI ROPE GRAB WITH PIN

- Allows the Rope grab to easily be added to or removed from the working rope line at any time- without the need for the user to detach from their Harness.
- Allows the user to quickly and efficiently secure the device during use.
- Manufactured from high strength aluminum material.

Weight: 183 gr Material: Aluminum Rope Dia: Ø 10,5 – 13 mm

(Use only with rope certificated according to

EN 1891 Type A)

Standard: ANSI Z.359.1, CE EN 353-2, EN 358 & NFPA 2001

LANYARDS AND SHOCK ABSORBERS CARABINERS

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- Designed for fall protection in mobile elevated working platforms.
- The self-retracting lanyard is tested and certified for the protection in mobile elevated working Platforms.
- The lanyard is tested over a 'double' sharp edge.
- Innovative technique in the area of internal energy absorbers ensures a maximum arresting force of less than 3 kN at the anchorage point.
- Aluminum Housing.

Length: 1,8 mt Weight: 0,96 kg

Standard: ANSI Z359.14-2012,

EN 360, CNB 11060 2008

Type A



# HWDB 2 RETRACTABLE FALL ARRESTER

- Low-maintenance double height-safety device for securing one person against falling.
- Specially designed for the secure job change by alternately striking and a continuous protection against crash.
- Webbing with case indicators and 2 x 2 m extension length.
- Case-absorbing function in an aluminum housing.

Length : 2 mt Weight : 1,9 kg

Standard: ANSI Z359.14-2012, EN 360



# HWDB 2 R RETRACTABLE FALL ARRESTER

- Aluminum housing with webbing strap: Especially resistant against acids, caustic solutions, heat, cold, damp and other extreme situations.
- Turn-hook hanging which stops the strap from twisting.
- Compact construction and low weight.
- For fall protection for one person.

Length: 2 mt Weight: 2,8 kg

**Standard:** ANSI Z359.14-2012, EN 360

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- Low maintenance device fitted with a webbing lifeline.
- The attachment anchorage point on the fall arrest block is a cast aluminum swivel eye ø16mm, suitable for connection via a standard karabiner type connector, or a standard karabiner type connector with an Anchorage Sling.
- Plastic housing.
- $\bullet$  Fall arrest block has been tested in a simulated fall over an edge.
- Fitted with a 25 mm webbing lifeline.

**Standard:** ANSI Z359.14-2012, EN 360, CNB 11.060 2008 Sharp Edge Type A

### Types

 HWPB-3,5
 HWPB-5,5

 Length: 3,5 mt
 Weight: 5,5 mt

 Weight: 1,2 kg
 Length: 1,5 kg



# HPS SERIES RETRACTABLE FALL ARRESTER

- Low-maintenance height-safety device with galvanized steel wire rope.
- Plastic housing.
- The snap hook with a fall indicator.

**Standard:** ANSI Z359.14-2012, EN 360, CNB 11.060 2008 Sharp Edge Type A

### Types

 HPS-6
 HPS-12

 Length: 6 mt
 Length: 12 mt

 Weight: 2,8 kg
 Weight: 4,0 kg







### **H SERIES**

### **RETRACTABLE FALL ARRESTER**

- This aluminum housed fall arrest block is a sturdy, low maintenance device fitted with a steel rope lifeline, terminated with a steel double action hook.
- The attachment anchorage point on the fall arrest block is an open steel handle, suitable for connection via a standard karabiner type connector, or a standard karabiner type connector with an anchorage sling, or a large karabiner.
- Fall arrest block has been tested in a simulated fall over an edge.

Standart: ANSI Z359.14-2012, EN 360, CNB 11.060 2008 Sharp Edge Type A

Ty	p	e	s
	•		

H-18 Length: 18 mt Weight: 9,5 kg H-24

Length: 24 mt Weight: 13,5 kg H-33

Length: 30 mt Weight: 18 kg H-42

Length: 42 mt Weight: 26,8 kg H-60

Length: 60 mt Weight: 38 kg HARNESSES

LANYARDS AND SHOCK ABSORBERS

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### **RETRACTABLE FALL ARRESTER WITH RECOVERY MECHANISM**

- · This aluminum housed fall arrest block is a sturdy, low maintenance device fitted with a steel rope lifeline, terminated with a steel double action hook.
- The attachment anchorage point on the fall arrest block is an open steel handle, suitable for connection via a standard karabiner type connector, or a standard karabiner type connector with an anchor age sling, or a large karabiner.
- This fall arrest block also has a built in recovery mechanism, which is engaged by pulling a pin on the side of the block and engaging a winding handle. This then allows the device to be used to lift or lower a casualty post fall, or if they have become incapacitated in a confined space.
- Fall arrest block has been tested in a simulated fall over an edge.

Standard: ANSI Z359.14-2012, EN 360, EN 1496

### **Types**

HRA-18	HRA-24	HRA-30	HRA-42
Length: 18 mt	Length: 24 mt	Length: 30 mt	Length: 42 mt
Weight: 11,50 kg	Weight: 15,9 kg	Weight: 21 kg	Weight: 40 kg





### HAS SERIES

### **RETRACTABLE FALL ARRESTER WITH CONTROLLED DESCENT**

- · Easy to use, low-maintenance design.
- Load carrying capacity: > 1 person, 125kg max.
- Fall Arrest Block with integral controlled descent mechanism with a 16.0m steel rope lifeline in an aluminum housing.
- This aluminum housed fall arrest block is a sturdy, low maintenance device fitted with a steel rope lifeline, terminated with a steel double
- This device functions in the same way as a conventional fall arrest block, however once the fall has been arrested, the device immediately lowers the user to the ground at a constant speed of 0.9m/sec.
- The attachment anchorage point on the fall arrest block is an open steel handle, suitable for connection via a standard karabiner type connector, or a standard karabiner type connector with an anchorage sling, or a large karabiner.

Standard: ANSI Z359.14-2012, EN 341

### Types

**HAS-18** HAS-30 Length: 18 mt Length: 30 mt Weight: 11 kg Weight: 15 kg



### RETRACTABLE FALL ARRESTER WITH AUTOMATIC LOWERING FACILITY



# ABS 5 D RETRACTABLE FALL ARRESTER WITH AUTOMATIC LOWERING FACILITY

- This device works with a permanent descender brake, thus eliminating any possibilities of a crash in the system.
- The descender process is carried out with a speed of approx. 1.0 m/s with the centrifugal force safely regulated downward.
- A freewheel enables a non-braked retraction of the fastener.
- The digital counter measures the rotations of the rope drum and indicates the permissible, completed work (10,000m) of the device at a corresponding counter reading.

Length: 10 mt Weight: 6,0 kg Standard: EN 341



HARNESSES

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### 41 Z19 **TELESCOPIC REMOTE REACH RESCUE POLE**

- · The pole is fitted with a mounting bracket.
- Minimum length is 80 cm and 292 cm when extended.
- Weight is only 510 gr.

# HARNESSES LANYARDS AND SHOCK ABSORBERS CARABINERS **PULLEYS ANCHORAGES** ASCENDERS DESCENDERS HEI METS MOBILE FALL ARRESTERS RETRACTABLE FALL ARRESTERS

TRIPOD AND CANTILEVER ARMS

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DEFENCE

### **IKAR BISON ABS 4WH RESCUE DEVICE**

- · High functional safety.
- · Innovative construction, corrosionresistant.
- · Resistant to damp, heat, cold.
- · Integral rescue hoisting function using a crank wheel.
- · Maximum load 200 kg.
- Reverse lock which can latch into place.
- · Abseiling speed approx. 0.9 m/sec.
- For abseiling heights up to 150 mt, Maximum lifting height: 75 mt.
- · Compact, stable size.
- Does not cause undue wear or damage to the rope.
- · Tested for two persons.
- · Rope delivered with a bag.

Length: 20-150 mt (indicate the

required rope length on

your order).

Weight : 2.800 gr (20 mt standard

weight).

Standard: ANSI Z359.4-2007, EN 341,

EN 1496

### **IKAR FAVORIT ABS 3WH RESCUE DEVICE**

- · High functional safety.
- · Innovative construction, corrosion-resistant.
- · Resistant to damp, heat, cold.
- Abseiling speed approx. 0.9 m/sec.
- For abseiling heights up to 150 mt.
- · Compact, stable size.
- Reverse lock which can latch into place.
- Maximum lifting height: 75 mt.
- Automatic speed regulation.
- · Integral rescue hoisting function using a crank wheel.
- Extremely low on weight.
- · Does not cause undue wear or damage to the rope.
- Tested for one person.
- Rope delivered with a bag (10,5 mm static (EN 1891 certified) rope.

Length: 20-150 mt (indicate the required rope length on

your order). Weight: 1.900 gr (20 mt standard

weight).

Standard: ANSI Z359.4-2007, EN 341,

EN 1496





# IKAR FAVORIT ABS 3W AUTOMATIC ABSEILING DEVICE

- High functional safety.
- Innovative construction, corrosion-resistant.
- Resistant to damp, heat, cold.
- Abseiling speed approx. 0.9 m/sec.
- For abseiling heights up to 150 mt.
- Compact, stable size.
- Aluminum external case.
- Extremely low own weight.
- Aluminum version with twist lock karabiner.
- Simple installation via F-7 anchorage sling.
- Delivered with K-2/3ACP automatic lock karabiner.
- Does not cause undue wear or damage to the rope.
- Tested for one person.
- Rope delivered with a bag (10,5 mm static (EN 1891 certified) rope.

**Length** : 20 - 150 mt 20 - 150 mt (indicate the required rope

length on your order)

Weight : 1.200 gr (20 mt Standard weight) Standard: ANSI Z359.4-2007, EN 341:1996 Class A



### **RK-SERIES**

### **RESCUE KIT**

- $\bullet$  Safe, Quick & Easy Solution for rescuing a suspended Worker.
- R-ALF rescue pulley is used as part of work suspension system either in confined spaces as a user can easily lift/lower themselves.
- If the user loses control of the decent the over speed brake will automatically kick in.
- Has 11 mm static rope (EN 1891).
- Easy to attach wide profiles with F-2 anchorage sling.
- Comes with aluminum telescopic remote reach rescue pole.

Standard: ANSI Z359: 4: 2007, EN 12278

### Types

RK-20 Length: 20 mt

Weight: 12.220 gr (rope included) **RK-40** 

Length: 40 mt Weight: 20.220 gr

(rope included)



**DE-100** 

### **DERRICKMAN ESCAPE SYSTEM**

- The Derrickman Escape Chute is designed to provide a rapid and safe method of evacuation in an emergency event from offshore and onshore rigs.
- $\bullet$  Escape with ABS 3W device Abseiling speed approx. 0.9 m/sec.
- $\bullet$  System legs are mounted on 1  $\ensuremath{\text{m}}^3$  of concrete block.

Standard: EN 341

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HORIZONTAL LIFELINE





### **HRA & ALKO**

### CONFINED SPACE RESCUE SYSTEM WITH HRA & ALKO HAND WINCH

 $\label{thm:may-also-be-used} \mbox{Manually operated ALKO Hand Winch may also be used if secondary safety is needed.}$ 

### **System Components**;

- T-150 Tripod (T-150 A or T-150 B).
- HRA Fall Arrester Device.
- Mounting Bracket for HRA Devices (9,5–30).
- ALKO 651 Hand Winch.
- 41-54 / DWS Hand Winch Mounting Bracket.
- K-14 / 3A carabiner x 1.
- P-11 SS Pulley x 1.
- Tripod bag.

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# RL-10 CONIC STRETCHER

- Ideal for confined space, high angle or technical rescue, and traditional land based applications.
- Equipped with 2 pieces of 35 kN slings for horizontal hoisting by helicopter or vertical hoisting in caves or industrial confined spaces.
- When the patient is packaged the stretcher becomes rigid.
- Main body is made of high strength polyethylene material.
- Eyelets rivets on the belts are made of stainless steel.
- 1 piece of 23 Kn strength vertical evacuation rope.
- 4 pieces of handles (2for each on left and right side of the stretcher).
- 4 pieces of slings to be connected on eyelets rivets.
- $\bullet$  1 pcs of 50 kN triple action karabiner .
- The stretcher is rolled for storage in a tough backpack which is included with the system.
- Stretcher dia is 27 cm and length is 93 cm when rolled.
- Stretcher back bag sizes: 31 cm x 95 cm (Dia x Length), stretcher sizes 27x 93 x 250 cm (Dia x Width x Length).

Weight: 8,4 kg Standard: EN 1865



HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

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### LUPA® STATIC 10,5 MM

- · Designed for rescue operations and rope access techniques.
- Made of High Tenacity Polyamide Fiber (S/Z Twist).
- Formed by core and protector cover.
- · Excellent hand-grip feature.
- · High resistance against abrasion.
- · High UV resistance.
- Identification tape inserted (with information of relative standard, type of rope, brand).

: 10,5 mm Standard : EN 1891 Type Weight : 67 gr/mt Breaking Strength : 27 kN Breaking Strength with Knot: 18 kN Static Stretching : % 2,7 **Sheath Slippage** : 0 Wet Tensile Strength : % 3,3 **Knot Flexibility** : 1 Stitched Eyes Strength : 24 kN **Eight Knot Strength** : 16 kN

#### Standard Lengths;

- 50, 100, 150 & 200 Meter White With Dots
- 50, 100, 150 & 200 Meter Grey With Dots
- 50, 100, 150 & 200 Meter Plain Black



### **LUPA® STATIC 11 MM**

- · Designed for rescue operations, rope access techniques and difficult work environments.
- Made of High Tenacity Polyamide Fiber (S/Z Twist).
- Formed by core and protector cover.
- Excellent hand-grip feature.
- High resistance against abrasion.
- High UV resistance.
- · Identification tape inserted (with information of relative standard, type of rope, brand).

Dia : 11 mm Standard : EN 1891 Type Weight : 78 gr/mt **Breaking Strength** :38 kN Breaking Strength with Knot:20,75 kN Static Stretching : % 2,7 **Sheath Slippage** : 0 Wet Tensile Strength : % 3,3 **Knot Flexibility** :1 Stitched Eves Strength : 25 kN **Eight Knot Strength** : 16 kN

### Standard Lengths;

- 50, 100, 150 & 200 Meter White With Dots
- 50, 100, 150 & 200 Meter Grey With Dots
- 50, 100, 150 & 200 Meter Plain Black



LANYARDS AND

SHOCK ABSORBERS

HARNESSES

CARABINERS

**PULLEYS** 

**ANCHORAGES** 

ASCENDERS

DESCENDERS

HEI METS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

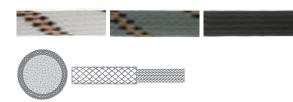
TRIPOD AND CANTILEVER ARMS

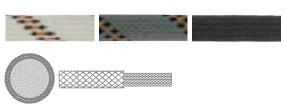
STRETCHERS



VERTICAL LIFELINE

HORIZONTAL









### **ARAMID FIGHTER**

- Made of % 100 Kevlar (Flame retardant).
- 300°C working temperature.
- Formed by core and protector cover.
- Excellent hand-grip feature.
- · High resistance against abrasion.
- Extremely low stretch.
- No creep under constont loads.

DIA	WEIGHT	B. STRENGTH
(Ø)	(kg/100 mt)	(kgf)
8	5,60	2.100
10	8,75	3.180
11	10,58	4.000
12	12,60	4.600
14	17,15	6.200
16	22,40	8.000

### Standard Lengths;

- 50 mt
- 100 mt
- 150 mt
- 200 mt



### **LUPES® SAFETY TWIST**

- Made of % 100 High Tenacity Polyester Fibers.
- 3 strands twisted.
- High durability.
- Excellent hand-grip feature.
- High resistance against abrasion.
- Easy to splice.
- Durable.

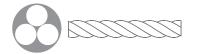
DIA	WEIGHT	B. STRENGTH
(Ø)	(kg/100 mt)	(kgf)
12	8,88	3.070
14	12,10	4.080
16	15,80	5.290

Standard: TS EN ISO 1140

### Standard Lengths;

- 100 mt
- 200 mt







### **LOOP TYPES**







**FAST ROPE-SE** 

(kg/100 mt)	A4
(119/100 1111)	(kgf)
42,00	7.500
60,00	10.000
77,00	12.000
	,

<sup>\*</sup> Dia if not under load: Ø:50 mm



### **LUPA® FAST ROPE**

Material : High Tenacity Mat Polyamide Fiber

**Construction** : 8 Strands Braided

Features : Very Good Abrasion Resistance, High Durability

Max. Elongation at Break: % 59
Density: 1,14 kg/dm³

Color : Military Green/Desert Sand

Standard : MIL-F-44422

**Length** : 30/60/90/120 Feet Coil



HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL





### K-2020

### VERTICAL LIFELINE WITH INTEGRATED SHOCK ABSORBER

- The system consists of stainless steel top and bottom brackets, stainless steel wire rope, shock absorber integrated in the top bracket and a stainless steel wire rope grab fall arrester (sold separately).
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- The top mounting bracket incorporates a shock absorber, further reducing impact force on the worker and the structure.

#### Recommended for

- · Telecommunication towers
- · Light poles
- Water towers
- · Hydroelectric towers
- Stacks
- Any other climbable structure

**Length**: From 3 mt to desired length **Standard**: EN 353-1, RfU CNB/P/11.073

### **System Components:**

- AP-300A Top anchorage bracket
- AP-300B Bottom anchorage bracket
- FA-50 Shock absorber
- FS-40 Turnbuckle
- FC-30 Rope Guide
- F-5 Rope Grab
- LL-100 Wire rope



### F-5

### **WIRE ROPE GRAB (FALL ARRESTER)**

- A stainless steel wire rope grab (fall arrester) can be attached or removed from the cable at any point.
- It is secured with a compatible carabiner.
- The user is free to climb and descend with full use of the hands.
- In the event of a fall, the fall arrester will quickly cam on the cable and arrest the fall.

**Standard:** EN 353-1, RfU CNB/P/11.073

HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

PULLEYS

ANCHORAGES

ASCENDERS

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

### VERTICAL LIFELINE

HORIZONTAL





### K-2020A

### VERTICAL LIFELINE WITH EXTENDED TOP BRACKET (SHOCK ABSORBER INTEGRATED)

- The system consists of stainless steel extended top bracket, bottom bracket, wire rope, shock absorber integrated in the extended top bracket and wire rope grab fall arrester (sold separately).
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

### **System Components**

- AP-300I Extended top anchorage bracket
- AP-300B Bottom anchorage bracket
- FA-50 Shock absorber
- FS-40 Turnbuckle
- FC-30 Rope Guide
- F-5 Rope Grab
- LL-100 Wire rope

**Length**: From 3 mt to desired length **Standard**: EN 353-1, RfU CNB/P/11.073



### F-5

### **WIRE ROPE GRAB (FALL ARRESTER)**

- A stainless steel wire rope grab (fall arrester) can be attached or removed from the cable at any point.
- It is secured with a compatible carabiner.
- $\bullet$  The user is free to climb and descend with full use of the hands.
- In the event of a fall, the fall arrester will quickly cam on the cable and arrest the fall.

Standard: EN 353-1, RfU CNB/P/11.073



### K-2025

### **VERTICAL LIFELINE**

- The system consists of stainless steel top and bottom bracket, wire rope and wire rope grab (fall arrester).
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

### **System Components**

- AP-300C Top anchorage bracket
- AP-300B Bottom anchorage bracket
- FS-40 Turnbuckle
- FC-30 Rope Guide
- F-5A Rope Grab
- LL-150 Wire rope

**Length**: From 3 mt to desired length **Standard**: EN 353-1, RfU CNB/P/11.073



### F-5A

### **WIRE ROPE GRAB WITH SHOCK ABSORBER**

- A stainless steel wire rope grab (fall arrester) can be attached or removed from the cable at any point.
- Incorporated shock absorber will reduce impact force on the worker in the event of a fall.
- The user is free to climb and descend with full use of the hands.

Standard: EN 353-1, RfU CNB/P/11.073

HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

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HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

### VERTICAL LIFELINE

HORIZONTAL





### K-2025A

### VERTICAL LIFELINE WITH EXTENDED TOP BRACKET

- The system consists of stainless steel extended top bracket, bottom bracket, wire rope and wire rope grab (fall arrester).
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

### **System Components**

- AP-300l Extended top anchorage bracket
- AP-300B Bottom anchorage bracket
- FS-40 Turnbuckle
- FC-30 Rope Guide
- F-5A Rope Grab
- LL-150 Wire rope

**Length**: From 3 mt to desired length **Standard**: EN 353-1, RfU CNB/P/11.073



### F-5A

### **WIRE ROPE GRAB WITH SHOCK ABSORBER**

- A stainless steel wire rope grab (fall arrester) can be attached or removed from the cable at any point.
- Integrated shock absorber will reduce impact force on the worker in the event of a fall.
- The user is free to climb and descend with full use of the hands.

Standard: EN 353-1, RfU CNB/P/11.073











HARNESSES



RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES



HORIZONTAL

DEFENCE

**AP-300B** 

### **AP-300A TOP ANCHORAGE BRACKET**

• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073

### **AP-300B BOTTOM ANCHORAGE BRACKET**

• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073





• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073

### FC-30 **ROPE GUIDE**

• 316 grade stainless steel.

• Installed ever 10 mt.

Standart: EN 353-1, RfU 11.073

### **LL-100 LIFELINE**

LL-100

**FS-40** 

**TURNBUCKLE** 

• 316 grade stainless steel.

• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073

Standard: EN 353-1, RfU 11.073









FS-40



F-5A



AP-300B



FC-30



LL-150

### AP-300C TOP ANCHORAGE BRACKET

• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073

### FS-40 TURNBUCKLE

• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073

### LL-150 LIFELINE

• 316 grade stainless steel.

**Standard:** EN 353-1, RfU 11.073

### AP-300B BOTTOM ANCHORAGE BRACKET

• 316 grade stainless steel.

Standard: EN 353-1, RfU 11.073

### FC-30 ROPE GUIDE

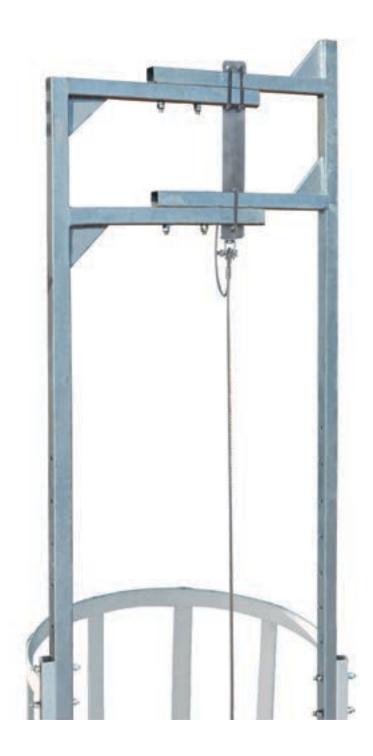
- 316 grade stainless steel.
- Installed ever 10 mt.

Standard: EN 353-1, RfU 11.073

# F-5A WIRE ROPE GRAB

• 316 grade stainless steel.

**Standard:** EN 353-1, RfU 11.073





• Installed on most ladders.



AP-300I EXTENDED TOP BRACKET

- 304 grade stainless steel.
- Integrated in the top bracket.

Standard: EN 353-1, RfU 11.073

HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

PULLEYS

ASCENDERS

ANCHORAGES

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

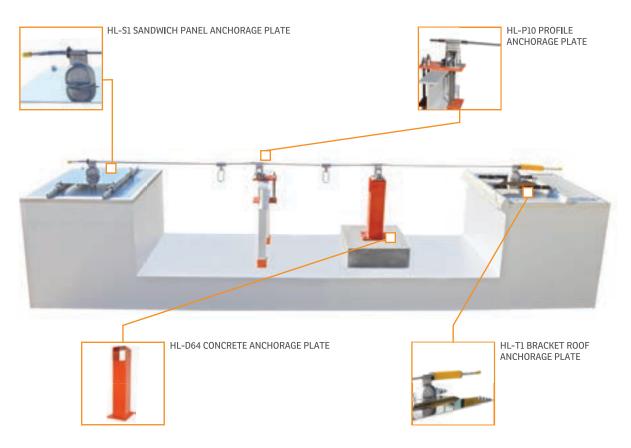
STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL LIFELINE





### K-2010

### **HORIZONTAL LIFELINE**

- Allows workers freedom of movement along a horizontal axis while providing a hands-free fall protection.
- Recommended to be used together with fall arrest systems and safety harnesses.
- In the event of a fall protection accident, the energy of the fall will be absorbed by the integrated shock absorber.
- System is made of 316 grade stainless steel.

### **System Components:**

- ANB-100 Main anchorage bracket.
- $\bullet$  ARB-100 Intermediate anchorage bracket.
- SRY-50 Slider.
- EA-200 Shock absorber.
- LL-200 Wire rope.

Length: From 3 mt to desired length

Standard: EN 795 C

HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

**ASCENDERS** 

DESCENDERS

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MOBILE FALL ARRESTERS

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RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

ROPES

VERTICAL LIFELINE

HORIZONTAL LIFELINE





HL-D 64 POLE ANCHOR

Material : Steel Standard: EN 795 C



HL-K 1 FLAT ANCHOR

Material : Steel Standard: EN 795 C



HL-K 64 CONSOLE ANCHOR

Material: Steel Standard: EN 795 C



HL-P 10 PROFILE ANCHOR

Material: Stainless Steel Standard: EN 795 C



HL-S 1 SANDWICH PANEL

Material: Stainless Steel Standard: EN 795 C



HL-T 1 SEAM ROOF ANCHOR

Material: Stainless Steel Standard: EN 795 C





- Slider allows you to effortlessly move along the horizontal wire rope and through all anchorage points, including curves, corners, and ridge tops without ever needing to disconnect from the stainless steel wire rope.
- 316 grade stainless steel.
- · Long lasting.

Standard: EN 795 C



ANB-100
MAIN ANCHORAGE BRACKET



EA-200 SHOCK ABSORBER



ARB-100 INTERMEDIATE ANCHORAGE BRACKET

## ANB-100 MAIN ANCHORAGE BRACKET

- 316 grade stainless steel.
- Easy installation.
- · Long lasting.

Standard: EN 795 C

# ARB-100

**INTERMEDIATE ANCHORAGE** 

- BRACKETInstalled every 10 mt.
- 316 grade stainless steel.
- Easy installation.
- · Long lasting.

Standard: EN 795 C



LL-200 LIFELINE

### EA-200 SHOCK ABSORBER

- Installed 1 pcs in a system.
- Limits the fall arrest force in a fall situation.

Standard: EN 795 C

## LL-200 LIFELINE

- 7 x 19, 316 grade stainless steel.
- Easy installation.
- · Long lasting.

Standard: EN 795 C

HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

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ROPES

VERTICAL LIFELINE

HORIZONTAL LIFELINE







# **MHL SERIES**

## **MOBILE HORIZONTAL LIFELINE**

- If there is no permanent lifeline system on the roof then mobile lifeline system may be installed for safe work to be performed.
- Can be adjusted in between 1 mt to 20 mt.
- This system must be installed by competent person who has the necessary technical skills and training.

Standard: EN 795 C

#### Types:

MHL-10 Mobile horizontal lifeline (10 mt)
MHL-20 Mobile horizontal lifeline (20 mt)

Note: We strongly recommend using F-7 anchorage sling (2 times the length of the profile) and K-14 / 3A carabiner for easy installation of the system.



K-14/3A CARABINER



F-7 ANCHORAGE SLING

HARNESSES

LANYARDS AND SHOCK ABSORBERS

CARABINERS

**PULLEYS** 

ANCHORAGES

ASCENDERS

DESCENDERS

HELMETS

MOBILE FALL ARRESTERS

RETRACTABLE FALL ARRESTERS

RESCUE DEVICES

TRIPOD AND CANTILEVER ARMS

STRETCHERS

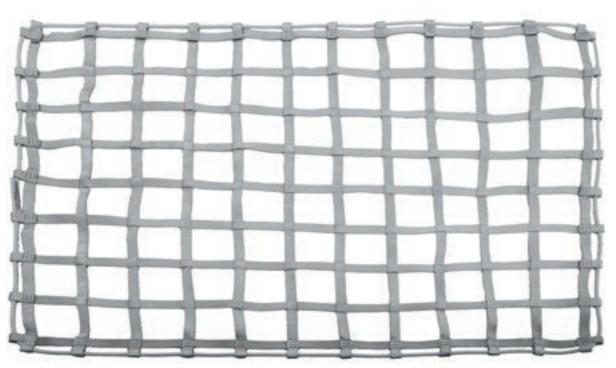
ROPES

VERTICAL LIFELINE

HORIZONTAL LIFELINE

DEFENCE





# **HSN-30**

# HELICOPTER SAFETY NET

- Special grey color that complies with military ships.
- Specifically designed for navy and offshore helicopter landing deck in order to avoid any interference with helicopter operations and to prevent personnel falling overboard.
- · Made of high tenacity webbing.
- Webbing is self-eyed, manufactured without stitching.
- Comes with same color of edge rope.

Standard: NATO & National Military Spec

LANYARDS AND SHOCK ABSORBERS CARABINERS **PULLEYS** ANCHORAGES **ASCENDERS** DESCENDERS HELMETS MOBILE FALL ARRESTERS RETRACTABLE FALL ARRESTERS RESCUE DEVICES TRIPOD AND CANTILEVER ARMS STRETCHERS ROPES VERTICAL LIFELINE HORIZONTAL

HARNESSES

DEFENCE







HARNESSES

LANYARD AND SHOCK ABSORBERS

# P-453 Y

# FALL ARREST AND WORK POSITIONING HARNESS

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Restraint and Work Positioning.
- Single D-Ring on the back for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System (Back) EN 361.
- 2 pieces of Stainless Steel waist D-Rings for Work Positioning.
- 1 piece of D-rings in Abdominal Area for Working in Suspension.
- Maximum comfort Ergonomic Back, Waist, Leg and Shoulder Pads.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.
- · 2 pieces of Gear Loops.

Weight : 2.006 gr Size : S/M, L/XL, XXL

Standards: ANSI Z359.1 - 3, EN 361, EN 358, EN 813

# P-3

# FALL ARREST AND WORK POSITIONING HARNESS

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Restraint and Work Positioning.
- Back D-Rings for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System (Back& Chest) EN 361.
- 2 pieces of Stainless Steel waist D-Ring for Work Positioning.
- Ergonomic Waist Support.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.
- 2 pieces of Gear Loops.

Weight : 1.600 gr Size : S/M, L/XL, XXL

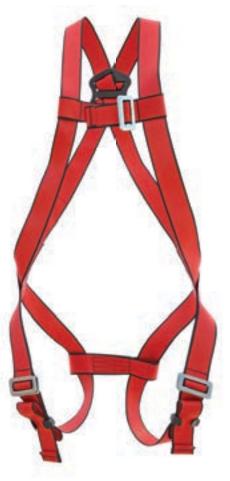
Standards: ANSI Z359.1 - 3, EN 361, EN 358

RETRACTABLE FALL ARRESTERS









# P-453 C

# FALL ARREST AND WORK POSITIONING HARNESSES

- Full Body Harness Should be Used as a Component in Personal Fall Arrest, Restraint and Work Positioning.
- Back D-Ring for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System (Back& Chest) EN 361.
- 2 pieces of Stainless Steel waist D-Ring for Work Positioning.
- Ergonomic Waist Support.
- Stainless QB-45 Quick Release Buckles for fast connection and release.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.
- 2 pieces of Gear Loops.

Weight : 1249 gr Size : S/M, L/XL, XXL

**Standards:** ANSI Z359.1 - 3, EN 361, EN 358

# B-2 FALL ARREST HARNESS

- Safe use for Personal Fall Arrest.
- Single D-Ring on the back for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System (Back) EN 361.
- Different color webbings to allow the harness to be put on easily.
- High strength 45mm Polyester webbings.
- Stainless Steel D- Rings.
- Adjustable Stainless QB-45 Quick Release Buckles for fast connection and release.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Weight : 1.100 gr Size : S/M, L/XL

**Standard:** ANSI Z359.1, EN 361

# P-1 C FALL ARREST HARNESS

- Safe use for Personal Fall Arrest.
- Single D-Ring on the back for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System (Back) EN 361.
- High strength 45mm Polyester webbings.
- Adjustable Buckles.
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

Weight: 742 gr Size: S/M, L/XL

Standard: ANSI Z359.1, EN 361



**RAWL-2 DOUBLE - LEG SHOCK ABSORBING WEBBING LANYARD** 

- Twin-leg model allows user to keep one leg attached to the anchorage while the other leg is always ready to be hooked to the next anchorage.
- Made of highly resistant 45mm polyester webbing.
- $\bullet$  Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
- Clear PVC case to protect the energy
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

Length : 1,2 - & 2 mt Standard : ANSI Z359.13-2009, EN 355, EN 362, EN 12275

Weight : 1502 gr (1,8 mt)



HARNESSES

LANYARD AND SHOCK ABSORBERS

RETRACTABLE FALL ARRESTERS



# RETRAC 2,5 RETRACTABLE WEBBING FALL ARRESTER

- Can also be used as shock absorbing webbing lanyard.
- Locks automatically to prevent a fall.

Length : 2,5 mt Weight : 1,15 kg

Standard: ANSI Z359.13-2009, EN 360



# RETRAC 2X2 TWIN RETRACTABLE WEBBING FALL ARRESTER

- Can also be used as double leg lanyard.
- $\bullet$  Locks automatically to prevent a fall.
- Comes with a 20mm highly resistant polyester webbing.
- · Retractable webbing system.
- Comes with 2 pcs of Large size and wide gate opening scaffold hook to facilitate on large metallic structures.
- High strength PE housing.

Length : 2 mt Weight : 1,70 kg

Standard: ANSI Z359.13-2009, EN 360



# RETRAC PS-3,5 RETRACTABLE FALL ARRESTER

- · Locks automatically to prevent a fall.
- Anchorage eye with swivel action prevents undue twist of rope while working or on the event of a fall.
- · High strength PE housing.

Length : 3,5 mt Weight : 1,53 kg

Standard: ANSI Z359.13-2009, EN 360

**RETRAC PS-30** 

HARNESSES



**RETRAC PS-25** 

LANYARD AND SHOCK ABSORBERS

# **RETRAC PS SERIES**

# **RETRACTABLE FALL ARRESTERS**

• Gives greater working distances from the anchorage point.

**RETRAC PS-12** 

- $\bullet$  Incorporates self-locking function and automatic tensioning system.
- Retractable wire rope system.
- High strength PE housing.
- Anchorage eye with swivel action prevents undue twist of rope while working or on the event of a fall.

**RETRAC PS-18** 

**Standard:** ANSI Z359.13-2009, EN 360

Retrac Types:

**RETRAC PS-6** 

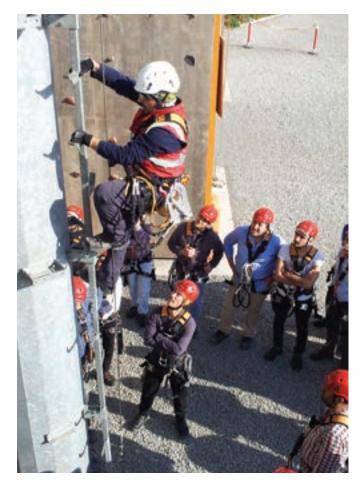
 RETRAC PS-6
 RETRAC PS-12
 RETRAC PS-18
 RETRAC PS-25
 RETRAC PS-30

 Length: 6 mt
 Length: 12 mt
 Length: 18 mt
 Length: 25 mt
 Length: 30 mt

 Weight: 4,05 kg
 Weight: 6,1 kg
 Weight: 6,8 kg
 Weight: 12,5 kg
 Weight: 12,8 kg

RETRACTABLE FALL ARRESTERS





# KAYATRAINING KAYACONSULTING

KAYA TRAINING and CONSULTING provides internal trainings primarily for Working at Height, Rescue Training for Specific Working Area, General OHS, OHS in the Electrical Works, PPE Inspection, Scaffold Inspection, Scaffolding Disassembly and Assembly. KAYA TRAINING and CONSULTING is also a partner of many internationally recognized organizations in Turkey such as IOSH, NSC, IRATA and apart from this company is able to provide their trainings with its own trainers.

# WORK AT HEIGHT TRAINING (SPECIFIC BRANCH OF INDUSTRY)

- Telecomunications industry
- Wind turbine Industry work and rescue at height training
- Construction field
- · Energy sector
- · Work at height training at factory and production plants
- Rope access

# RESCUE TRAINING FOR SPECIFIC WORKING AREAS

- · Technical rescue at height
- · Confined spaces
- · Emergency event escape training
- Search and rescue

#### **SCAFFOLDING TRAINING**

- · Scaffolding inspection training
- · Scaffolding installation and dismantling training

#### **OCCUPATIONAL HEALTH & SAFETY TRAINING**

- · General Occupational Health and Safety Training
- Occupational Health and Safety Training for Electric Plants
- Life Lines Installation Training
- PPE Inspection
- · Fire Safety Training
- · Basic First Aid Training
- · Confined Space Safe Working
- Emergency Escape Systems

# SAFE DRIVING TRAININGS

- · Basic Training for Safe Driving
- Traffic Hazards Identification
- Off-Road 4x4

#### ADVICES FOR SECTOR BASED PPE AND TECHNICAL EQUIPMENT

- · Energy & wind turbine training
- Construction
- Telecommunication
- Factory and production plants
- Rope access
- · Roof and facade cleaning
- Closed areas
- · Rescue and Evacuation

## IOSH TRAININGS (INSTITUTION OF OCCUPATIONAL SAFETY AND HEALTH)

- IOSH Managing Safely
- IOSH Working Safely

# **NSC TRAININGS (NATIONAL SAFETY COUNCIL)**

- Incident Investigation-Root Cause Analysis
- · Safety Inspection
- · Certificate in OSHA Compliance
- Ergonomics
- Fundamentals of Industrial Hygiene
- · Principles of Occupational Safety and Health
- Safety Management Techniques
- · Safety Management Leadership
- · Safety Training Methods
- Supervisors Safety Development Program
- Team Safety

### **IRATA TRAININGS (INDUSTRIAL ROPE ACCESS TRADE ASSOCIATION)**

- Rope Access Technician Level 1
- Rope Access Technician Level 2
- Rope Access Technician Level 3

#### **CONTACT KAYA TRAINING**

E-MAIL: info@kayatraining.com www.kayaegitim.com www.kayatraining.com.tr TEL :+90 262 677 19 15 pbx FAX :+90 262 677 19 18









Work at height training (Sector based): Programme content and duration will be determined by representatives from the relevant sector and training experts taking into consideration the requirements of the particular sector. Duration of this course is minimum one day.

**Working at height training:** The purpose of this program is to provide basic information to employees working on heights. Duration of this course is three days. (advance & expert training is also provided)

**Working at height training at wind turbines:** The purpose of this program is to provide basic information to employees working at wind turbine industry. Duration of this course is three days.

Rescue training at wind turbines: Content of this course provides, information on how to take action in the event of danger during working on wind turbines. Duration of this course is two days.

**Rescue and Working at height training at wind turbines:** The purpose of this program is to provide information to employees working at wind turbine industry. Duration of this course is three days.

**Rescue training for specific working areas:** The purpose of this course is to train participants to learn the rescue methods in the event of an incident. Duration of this course is two days.

**Scaffolding Training:** This trainin is recommended for anyone who isntall, demount or works on scaffolding. Duration of the course is two days.

**Basic occupational health & safety training:** Programme contents basic information for occupational health and Safety for variation of fields. Duration of the course is one day.

Occupational health & safety training for electric plants: Programme provides information on protecting employees against the potential risks of electric currents. Duration of the course is one day.

**Occupational health & safety training in RF plants:** Programme provides participants basic information and precautions against the effects of electromagnetic waves on those who work in related plants. Duration of the course is one day.

**Basic first aid training:** Course teaches participants about the basic principles about the first aid. Duration of the course is two days.

**General fire & Safety training :** Course designed for all employees, to impart theorical and practical knowledge about fire Safety for all necessary events. Duration of the course is one day.

**Specific working at height training:** Programme contents external rope Access training. Duration of the course is six days.

Special HSE training programs and training packages: This training is specifically designed to meet the needs and requirements of individual clients. Training includes a range of approaches and can be tailored for all levels of staff and Workgroups. Duration of course is depending on the chosen package.

**Safe driving techniques training:** Anyone who has driving liense and dirves in traffic can benefit from this training programme. Duration of this course is one day.

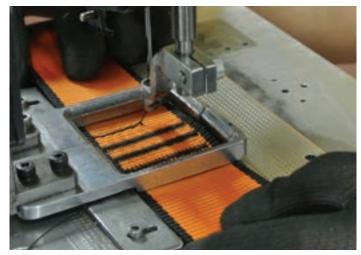
**Collective protection systems training:** Training for installation of collective protection systems. Duration of this course is one day.

**Emergency escape systems training:** Duration of this course is one day

**Working at height equiment maintenance and control training:** Duration of this course is one day.

**Note:** Our consulting services help you prioritize issues and create comprehensive fall protection programs at our site or yours.





 $\mbox{\sc All}$  KAYA products are sewed in professional CNC machines to prevent personal errors.



KAYA Test Laboratory





KAYA products are tested and certificated in CE 0123 TUV SUD PRODUCT SERVICE GmbH laboratoires. KAYA has CE quality assurance system certificate (89/686/EEC 11 B 1c)







PRODUCT TESTING FOTOS FROM CE 0123- TUV SUD PRODUCT SERVICE GmbH LABORATORIES

#### **AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)**

ANSI Z89.1 American National Standard for industrial head protection

Class C Classic

Class E Electric

ANSI Z359.1 Safety requirements for personal fall arrest systems, sub systems and components

ANSI Z359.3 Safety Requirements for Positioning and Travel Restraint Systems

ANSI Z359.12 Connecting Components for Personal Fall Arrest Systems

ANSI Z359.13 Personal Energy Absorbers and Energy Absorbing Lanyards

ANSI Z359.14 Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems

#### LIST OF EUROPEAN STANDARTS FOR FALL PROTECTION

EN 363 Personal fall protection equipment

EN 361 Personal protective equipment against falls from a height

EN 358 Personal protective equipment for work positioning

EN 813 Personal fall protection equipment - Sit harnesses

EN 12277 Mountaineering equipment - Harnesses -

EN 355 Energy absorbers

EN 354 Lanyards

EN 362 Connectors

EN 12278 Pulleys

EN 795/B Anchor devices

EN 567 Mountaineering equipment- Rope clamps

EN 12841 Rope access systems

EN 341 Descender devices for rescue

EN 397 Industrial safety helmets

EN 12492 Helmets for mountaineers

EN 353-2 Guided type fall arresters including a flexible anchor line

EN 360 Retractable type fall arresters

EN 1496 Rescue equipment- Rescue lifting devices

EN 566 Mountaineering equipment - Slings

EN 12841 Rope access systems

EN 892 Dynamic mountaineering ropes

EN 1891 Low Stretch Kernmantel Ropes

EN 564 Accessory cord

EN 1263 Safety nets

EN 353-1 Guided type fall arresters including a rigid anchor line (vertical lifeline)

EN 795/C Anchor devices (permanent horizontal lifeline)

#### **PROTECTIVE GLOVES**

EN 388 Protective gloves against mechanical risks

EN 407 Protective gloves against thermal risks (heat and/or fire)

EN 511 Protective gloves against cold

EN 420 Protective gloves - General requirements and test methods

EN 60903 Live working - Gloves of insulating material

## **HEAD PROTECTION**

EN 397 Industrial safety helmets

#### LIFTING EQUIPMENT

EN 1492-1 Textile slings - Safety - Flat woven webbing slings for general purpose use (eye polyester sling)

EN 1492-2 Textile slings - Safety (endless sling)

### **CANADIAN STANDARDS ASSOCIATION (CSA)**

Z259.10 Full body harness































KAYA YAPI İÇ. MİM. TAS. İNŞ. DEN. TAAH. SAN. VE TİC. A.Ş.

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