



Products for professional
work at height and rescue



MADE IN
BRITAIN 

[heightec.com](https://www.heightec.com)



Products for professional work at height and rescue

Contents

About heightec..... 5

Individual products

- Helmets..... 6
- Harnesses..... 8
- Rope control & devices..... 16
- Rescue & evacuation devices..... 22
- Lanyards..... 24
- Connectors & accessories..... 28
- Footloops & workseat..... 29
- Anchors & slings..... 30
- Edge & rope protection..... 31
- Transport bags..... 32
- Lifting, lowering & devices..... 34
 - Pulleys..... 36
 - Load control..... 38
 - Load control kits..... 40
- Casualty management..... 43
 - First Aid..... 44
 - Casualty pulley..... 45
- Rescue..... 46
 - ProSeal..... 48
 - Automatic rescue & evacuation..... 49
 - Sample rotor rescue system..... 50
 - Casualty stretchers..... 52
 - Sample rescue system..... 54
 - Rescue equipment..... 55

heightec.com

innovation & quality

about heightec

heightec is an established UK manufacturer with over 25 years' experience specialising in the design of technical products for ascent, descent, work positioning, fall arrest and rescue.



Our mission is to be the most sophisticated supplier for specialist work at height by combining core values of elegant, innovative products and expertise in methods of use.

Products are designed with the highest margins of safety and tested beyond the requirements of international standards.

We combine exceptional performance with superior strength and durability and manufacture our products within maximum levels of quality control.

design innovation

Our design team draws upon decades of accumulated knowledge and expertise to develop pioneering designs that have a single objective in mind - to excel at their intended function.

A range of leading design technologies, including CAD and rapid prototyping using 3D printers, are utilised to ensure concepts are precise and proven.

Our products have received many awards for innovation, including a UK Design Council Millennium Product Award in 2001 and Innovation Awards from the British Safety Industry Federation (BSIF) in 2004, 2006 and 2007.



BSIF
INNOVATION
AWARD



DESIGN
COUNCIL
AWARD



DUON-Air MH02



DUON MH01



colour options

DUON

The first helmet that fully conforms to European Standard requirements for both industrial and climbing situations.

The DUON is the only helmet that has fully integrated adjustment, no extra parts or accessories required.

Total compliance for complex environments with changing hazards.

Situations with the risk of a fall require a strong chin strap - EN 12492. Industrial and confined areas require an easily releasable strap - EN 397. The DUON can change from one to the other at the twist of a button.

- Dual certification
- Variable buckle release force
- Adjustable ventilation system
- 10 year life span due to high level of UV resistance
- Contoured for unhindered upward vision
- Advanced cradle design for optimum comfort
- Seven points of adjustment for the perfect fit
- Compatible with a full range of standard accessories
- Improved durable headband height adjustment, no tools required
- Full range of colours and bespoke marking options available
- Replaceable sweat band and pads

MH02	DUON-Air	Vented	EN 397, EN 12492
MH01	DUON	Unvented	EN 397

Patented GB 2 531 146

Standards for helmets: EN 397 & EN 12492

Key differences:



EN 397 - Industrial
Weak chinstrap - will release should the helmet / chinstrap get caught in machinery etc.
Small vents - prevents contact with small items - sparks, paint.



EN 12492 - Climbing
Strong chinstrap - helmet firmly fixed in the event of a fall.
Large vents - increased airflow and cooling.

Accessories

- Visors, head torches, replacement pads
- Bespoke company branding

For details see heightec.com/products/helmets/



Scan to view video



harnesses

comfort, fit & function...

Designed for absolute safety, durability and strength. Integrated features, full adjustability for total support. Tailored to meet technical industry demands.

Generic features:

- Multiple attachment points
- Reinforced gear loops with SWL
- Fixed or folding side D-rings for work positioning
- Fully adjustable for perfect fit
- Tested beyond EN standards
- Ergonomic padding for maximum comfort without restricting movement

SafeLock™ quick connect buckle and size options.

All rope access harnesses are rated to 140kg.

SafeLock™ quick connect buckles

New buckle design grips webbing securely whilst retaining full adjustability.

All our quick connect harnesses feature high strength, forged alloy SafeLock™ buckles.

- Positive lock indicator
- Twin independent locking catches
- Lightweight, corrosion resistant aluminium
- Will not open under load



APEX integrated harness - H001Q

The only rope access harness offering a replaceable, integrated chest ascender.

The unique design increases comfort and makes ascending easier and more efficient.

APEX system includes:

EXTOL harness

Features:

- Replaceable SYNC chest ascender increases usable lifespan
- Front and rear attachment points
- Large waist D-ring for multiple attachments
- Reinforced gear loops 20kg SWL
- Folding side D-rings
- Integral work seat attachment points
- High lumbar support with shoulder, waist and leg padding
- SafeLock quick connect buckles

SYNC - D44

SYNC chest ascender

Features:

- Unique attachment method slots directly onto harness webbing
- SYNC ascender sits tightly against the chest section for efficient ascending and supreme comfort (see p.20)
- No tools needed to fit or remove ascender
- Features X-Cam technology

Patent Pending



EXTOL - H22Q

CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS				RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral	Waist		Torso	Waist	Thigh
H22Q	EXTOL	EN 358, EN 361, EN 813	•	•	•	•	140	65-90	70-140	60-80
H22QL	EXTOL quick, large		•	•	•	•		80-105	85-165	60-100
D44	SYNC chest ascender	EN 567, EN 12841 (B)	-	-	-	-	100	-	-	-

Q = SafeLock™ quick connect buckles

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

visit heightec.com/product-info to view our harness sizing guide

NEW

VORTEX S - H34Q2

Specifically designed for use on fall arrest guided rail and wire systems

Features:

- High rear attachment point
- Steel chest attachment point
- Integrated belt
- Low profile breathable back panel and waist pad
- Durable wear protection in key areas
- Rapid fitting for emergency evacuation
- Contoured fit for comfort and freedom of movement
- SafeLock quick connect chest strap, leg and waist buckles
- Integral lanyard parking points
- High load rating 140 kg

Patented 90032940240001



Scan to view video

Compatibility statement available for fall arrest runner systems:

- HACA 7400
- Latchway 3102L-00
- Latchway 3100L-00AC

Steel Chest Attachment Point



VORTEX - H34Q

Premium WTG harness for work positioning and fall arrest

Features:

- High rear attachment point
- Aluminium chest attachment point
- Integrated belt
- Low profile breathable back panel and waist pad
- Durable wear protection in key areas
- Rapid fitting for emergency evacuation
- Contoured fit for comfort and freedom of movement
- SafeLock quick connect chest strap, leg and waist buckles
- Integral lanyard parking points
- High load rating 140 kg

Patented 90032940240001

Alloy Chest Attachment Point



CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS				RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral	Waist		Torso	Waist	Thigh
H34Q	VORTEX alloy quick	EN 358 EN 361	•	•	•	-	140	95-125	80-120	65-105
H34QL	VORTEX alloy quick, large							115-150	95-160	65-120
H34Q2	VORTEX steel quick							95-125	80-120	65-105
H34Q2L	VORTEX steel quick, large							115-150	95-160	65-120

Q = SafeLock quick connect buckles



AURA modular system - H002Q

Premium modular sit harness system for rope access, offers the performance and features of the APEX system but in modular form.

AURA system includes:

CORONA chest harness

Features:

- Lightweight shoulder padding for added comfort
- Front and rear attachment points
- Integrated connection for SYNC chest ascender
- Simple to adjust for the perfect fit



SYNC chest ascender

Features:

- Attaches securely to CORONA chest harness,
- No other connectors required
- Sits tightly against the chest for efficient ascending
- No tools needed to fit or remove ascender
- Features X-Cam technology

Patent Pending

ECLIPSE sit harness

Features:

- High lumbar support with waist and leg padding
- Large waist D-ring for multiple attachments
- Folding side D-rings for work positioning
- Reinforced gear loops 20kg SWL
- Elasticated webbing retainers
- SafeLock quick connect leg buckles



CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS				RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral	Waist		Torso	Waist	Thigh
H52	CORONA chest harness, front & rear D ring	EN 361 when attached to ECLIPSE	•	•	-	-	140 (with ECLIPSE)	-	-	-
D44	SYNC chest ascender	EN 567, EN 12841 (B)	-	-	-	-	100	-	-	-
H02Q	ECLIPSE quick sit harness	EN 358, EN 813	-	-	•	•	140	-	70-140	60-80

Q = SafeLock quick connect buckles

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



MATRIX - H21Q

Newly designed multi-functional harness suitable for all work at height

Incorporates front leg risers for ease of climbing

- Articulating leg loops for maximum freedom of movement and comfort
- Shoulder, waist and leg pads
- Integral delta screwlink for fitting a chest ascender
- Folding side D-rings
- Multiple tool and accessory attachments
- 20kg rated gear loops
- SafeLock quick connect leg buckles

Standard version - H21



NEON - H28Q

Premium fully adjustable harness for tower climbing and rigging.

- Shoulder padding
- Articulated hip and chest for flexible fit
- Alloy fall arrest D-rings, front and rear
- Integral positioning belt with large lumbar support and folding D-rings
- Lanyard parking points
- SafeLock quick connect chest strap, leg and waist buckles

Standard version - H28

CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS				RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral	Waist		Torso	Waist	Thigh
H21Q	MATRIX quick	EN 358 EN 361 EN 813	•	•	•	•	140	65-90	70-140	60-80
H21QL	MATRIX quick, large		•	•	•	•		80-105	85-165	60-100
H21	MATRIX		•	•	•	•		65-90	70-140	60-80
H21L	MATRIX large		•	•	•	•		80-105	85-165	60-100
H28Q	NEON quick	EN 358 EN 361	•	•	•	-	140	80-120	75-155	65-95
H28QL	NEON quick, large		•	•	•	-		95-135	95-160	65-120
H28	NEON		•	•	•	-		80-120	75-155	65-95
H28L	NEON large		•	•	•	-		95-135	95-160	65-120

Q = SafeLock quick connect buckles

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



NEXUS PLUS - H32QJ

Enhanced 2 point fall arrest / restraint harness with lightweight jacket

- Alloy rings orientate the webbing for optimum fit and comfort
- Easy adjust shoulder buckles
- Lightweight breathable jacket
- Fully adjustable and easy to don
- Front attachment / rescue point
- Rear attachment point
- SafeLock quick connect leg and chest buckles

NEXUS - H32Q

Enhanced 2 point fall arrest / restraint harness

- Alloy rings orientate the webbing for optimum fit and comfort
- Easy adjust shoulder buckles
- Fully adjustable and easy to don
- Front attachment / rescue point
- Rear attachment point
- Leg and shoulder pads for extra comfort
- SafeLock quick connect leg and chest buckles

Standard version - H32

PHOENIX - H11Q

Professional rescue harness

For specialist fire and industrial rescue teams. The most popular harness in the UK fire service.

- Protected leg webbing increases wear resistance
- Ultra secure screwlink front attachment permits multi-directional loading for casualty attachment
- Highly durable and comfortable to wear
- Low profile back panel
- Unique adjustable locking side buckles allow full adjustment for users of different heights
- Rear attachment point
- Compatible with back mounted breathing apparatus
- Lanyard parking points
- SafeLock quick connect leg buckles

Standard version - H11

CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS			RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral		Torso	Waist	Thigh
H32QJ	NEXUS PLUS with jacket, quick	EN 361	•	•	-	140	78-115	-	60-100
H32Q	NEXUS 2 point quick								
H11Q	PHOENIX quick	EN 361 EN 1497	•	•	-	150	78-130	-	65-110
H11	PHOENIX		•	•	-		75-125		
H11L	PHOENIX large		•	•	-		75-145		

Q = SafeLock quick connect buckles

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



rope control

safe, secure, reliable...

We take time to develop products that make a real difference. Simple, effective solutions to make your work easier and safer.

Our high-specification designs excel at their intended purpose, giving maximum control in demanding industrial environments.

Our rope devices are manufactured in the UK using the highest grade stainless steel and heat treated aircraft grade alloys to achieve the ultimate in strength and corrosion resistance.

They are tough, durable and functional with loading and performance characteristics that speak for themselves.



Scan to view our rope devices

PRISM - D31

Award-winning multi-feature rope access descender

- Double action safety when fully threaded
- Integrated additional friction
- No additional karabiner needed for casualty rescue
- Sprung top friction bollard applies continuous low level braking force
- Moving top friction bollard multiplies braking force
- Allows variable threading for different descent conditions and distances
- Reduced friction for steep slopes
- Increased friction for descent with a casualty
- Can be used as one-way locking pulley
- Can be used as a releasable anchor in "rig for rescue" systems
- DuoBrake™ system
- All parts visible for easy inspection and maintenance
- Individually marked for traceability

Rope diameter: 10.5 - 11.5mm

Patented GB 2 367 048



Meets selection criteria of IRATA International Code of Practice, March 2013, 2. 7. 5. 4.



Prism - D31



QUANTUM - D26

High performance rope access back-up device

- Suitable for two person rescue
- Minimum slippage during arrest on various rope types
- No sheath damage even on old or dirty rope
- Unique patented cam grips rope in two places
- Opening catch allows easy attachment / detachment without risk of dropping the device
- No additional energy absorber required
- Can be used with a dynamic rope lanyard (cowstail)

Rope diameter: 10.5 - 11.5mm

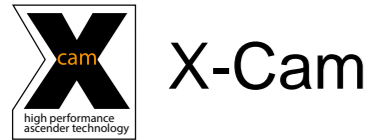
Type tested to 100kg (and tested with loads in excess of 200kg for rescue use)

Designed to address the "likelihood and consequence of misuse" clause in IRATA International Code of Practice, March 2013, 2.7.7.5.

Patented EP 2 796 172



CODE	DESCRIPTION	CONFORMITY	RATING - NORMAL USE (kg)	WEIGHT (kg)
D31	PRISM descender	EN341 (B) EN12841 (C)	200	0.45
D26	QUANTUM back-up	EN 353-2, EN 12841(A)	2 person rescue	0.35



advanced, high-performance design

Our unique cam design is a considerable improvement on traditional sharp toothed cams

- High strength durable construction
- Highly effective on angled ropes
- Does not jam, even against a knot
- Exceptional grip but won't pluck the rope
- Perfect for down climbing and rope manoeuvres
- Release catch allows single handed operation

High strength toothed cam has a tensile strength around 50% greater than competitor models.

X-Cam features in all heightec ascender rope devices.



SYNC - D44

Removable chest ascender

The advantages of an integrated ascender but with the flexibility of being removable when required.

- Integrates with EXTOL harness to perform as part of the harness (p.11)
- Sits tightly against the chest section for efficient ascending
- Can be removed from harness quickly, without tools
- Innovative attachment points secures ascender and reduces movement to an absolute minimum

Rope diameter: 10.5 - 12mm

Patent pending



The first ever fully integrated chest ascender

CODE	DESCRIPTION	CONFORMITY	RATING - NORMAL USE (kg)	WEIGHT (kg)
D44	SYNC chest ascender	EN 567, EN 12841 (B)	100	0.14
D40	PULSAR ascender			0.24
D40L	PULSAR ascender - left-handed			0.17
D41	COMPACT ascender			0.16
D42	TWIST chest ascender			

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



PULSAR - D40

Handled ascender

- Ergonomic handle position and profile
- One upper attachment point for versatility
- Two lower attachment points to separate cowstail and footloop

Rope diameter: 9 - 13mm

Left handed version - D40L



Scan to view video



COMPACT - D41

Basic ascender

- Ideal spare ascender for use in hauling and rescue systems
- Two lower attachment points to separate cowstail and footloop

Rope diameter: 9 - 13mm

TWIST - D42

Chest ascender

- Can be integrated into full body harness or used to link chest and sit harness
- Profiled attachment points and slimline design

Rope diameter: 10 - 13mm

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

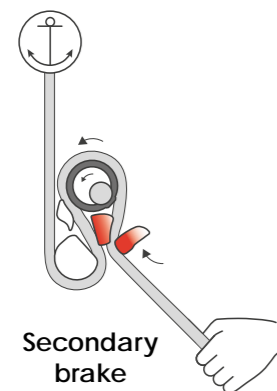
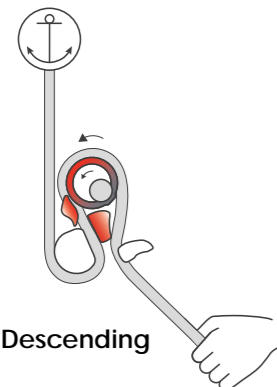
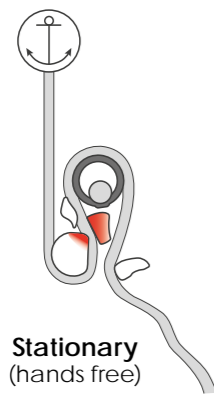
DuoBrake™

Two brakes are better than one

A long standing problem with descenders has been the ability to create variable friction for different descent conditions, but to also provide additional safety in the event of misuse.

Our patented DuoBrake system has a unique upper bobbin which increases the braking force provided by the user.

DuoBrake features in our MICRON, QUADRA and POWERLOCK devices.



● Denotes friction point

MICRON - D33

Ultra compact descender with double action safety

Allows a person to make a fine controlled descent

- Lightweight compact device, size equivalent to 10mm karabiner
- Offers functionality of larger systems at a fraction of the size
- Can be used for descent or to off-weight and lower a casualty
- Locks if handle is released or squeezed too hard
- High strength heat and cut resistant aramid cord
- DuoBrake system

Supplied pre-assembled in kit bags

Aramid cord: 7.5mm

Patented GB 2 367 048

MICRON evacuation system lengths: 15m, 100m



Scan to view video

QUADRA - D011

Multifunction rescue device

For life-lining, lowering, hauling and descending

Operator can change between functions instantly, while rope is loaded and without adding additional components.

- Folding handle prevents accidental operation
- High load capacity
- Will arrest 250kg load at Fall Factor 1/3
- DuoBrake system

Rope diameter: 10.5 - 11mm

Patented GB 2 367 048

Options:

D01 - Corrosion resistant stainless steel



BSIF INNOVATION AWARD

POWERLOCK - D321

High load rescue descender

For two person loads with double action safety

- Designed for two person loads
- Passes EN 12416 dynamic test with 275kg
- Easy adjustment of slack rope prior to descent
- Fine control with high loads
- No need for additional friction karabiner
- DuoBrake system

Rope diameter: 11mm

Patented GB 2 367 048

Available in TOWERPACK PRO rescue system (p.54)

CODE	DESCRIPTION	CONFORMITY	RATING - NORMAL USE (kg)
D33	MICRON evacuation system	EN 341 (D)	125
D011	QUADRA rescue device	EN 12841 (C)	200
D321	POWERLOCK descender	EN 341 (B), EN 12841 (C)	200

lanyards

total reliability for your protection

heightec has a wide range of twin, adjustable and specialist fall arrest and restraint lanyards designed for work at height.

Using patented FLEX™ ropes allow high degree of twist in lanyard legs, minimising kinking.

Our new ELITE range of high specification twin lanyards feature automatically deploying footloop, which is totally unobtrusive and simple to use.






In the event of a fall users simply place feet into the integral footloop and stand. This allows the user to take the weight off and allow circulation to the legs which helps delay the onset of suspension intolerance.

heightec ELITE lanyards are the only lanyard on the market with an automatically deploying footloop.

Generic lanyard features:

- Compact absorber design is quick and easy to inspect
- High loading characteristics
- Patented high twist HELIX rope reduces kinking in lanyard legs
- Unique serial ID number
- Rated load for users up to 140kg, Fall factor 2
- EN 354 - Lanyards
- EN 355 - Absorber
- EN 362 - Connectors

Connector options:

HARNES CONNECTOR		ANCHORAGE CONNECTOR		
Oval screwlink (M)	Triple action karabiner (T)	Scaffold hook (S)	CE / ANSI hook (A)	Twistlock karabiner (KC)
				



ELITE twin - L2T*S**
See length & connector options



TENSOR twin - L02M*S**
See length & connector options

L2 - ELITE lanyards - connector options

CODE	DESCRIPTION	TYPE	LEGS	HARNES CONNECTOR	LENGTH OPTIONS (cm)	ANCHORAGE CONNECTOR
L2M***S	ELITE twin lanyard - oval, scaffold hooks	L	2	M	125, 150, 160, 175	S
L2T***S	ELITE twin lanyard - triple action, scaffold hooks	L	2	T	125, 150, 160, 175	S
L2T***A	ELITE twin lanyard - triple action, CE / ANSI hooks	L	2	T	160, 175	A
L2T185KC	ELITE twin lanyard - triple action, twistlock, sleeve, clip back	L	2	T	185	KC

*** denotes lanyard length eg: L2M150S - (150cm including connectors)

L02 - TENSOR lanyards - connector options

CODE	DESCRIPTION	TYPE	LEGS	HARNES CONNECTOR	LENGTH OPTIONS (cm)	ANCHORAGE CONNECTOR
L02M***S	TENSOR twin lanyard - oval, scaffold hooks	L0	2	M	100, 125, 150	S
L02T***S	TENSOR twin lanyard - triple action, scaffold hooks			T		S

*** denotes lanyard length eg: L02M100S - (100cm including connectors)

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

ELITE twin lanyards, with connectors - L2

Superior energy absorbing twin lanyards with integrated footloop and optional connectors for technical work at height.

Additional ELITE features:

- Built-in suspension relief footloop
- Large central clip back ring

Lengths: 125cm, 150cm, 160cm, 175cm



Scan to view video

TENSOR twin lanyards, with connectors - L02

High specification energy absorbing twin lanyards with optional connectors.

Lengths: 100cm, 125cm, 150cm, 160cm

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

PIRANHA adjustable lanyards

Versatile adjustable lanyard in 2m to 20m lengths for work positioning and restraint situations.

PIRANHA adjustable lanyard features:

- Range of lengths and connector options
- Adhesive heat shrink on sewn terminations
- One handed operation
- Easy to use even when wearing gloves
- User replaceable rope
- Locks automatically when loaded
- Visible overload indicator
- Individual ID number

Rated load 150kg

Patented GB 2 543 699



PIRANHA adjustable lanyard - LA02H

See length and connection options



PYTHON lanyard - LD***

For work restraint or as component part of fall arrest system

- 11.5mm diameter dynamic rope lanyard
- Sewn termination

Lengths: 60cm, 100cm

*** Denotes length



LASER Tensioned horizontal anchorage line - LH***

Dissipates the energy from a fall with no damage to rope or adjuster

- Easy to adjust and release
- Suitable for restraint or fall arrest*
- Stainless steel tensioning unit
- No intermediate anchors required

Load rating (two persons 250kg)

Rope diameter: 13mm

Lengths: 10m, 18m, 25m

If access is required over a large area, the adjustable PIRANHA lanyard can be attached to the LASER allowing independent adjustment of the user's position in perpendicular directions.

ROPE ADJUSTER	HARNES CONNECTOR		ANCHORAGE CONNECTOR			
PIRANHA (alloy) (LA)	Oval screwlink (steel)*	ASTRA triple action karabiner (steel)*	Safety hook (H)	Twistlock karabiner (T)	Scaffold hook (S)	CE / ANSI hook (A)

LA - PIRANHA adjustable lanyard - connector options

CODE	DESCRIPTION	CONFORMITY	LENGTH (m)	LOADING (kg)
LA02H	PIRANHA adjustable lanyard - 2m, hook	EN 358	2	125
LA02T	PIRANHA adjustable lanyard - 2m, twistlock			
LA02S	PIRANHA adjustable lanyard - 2m, scaffold hook			
LA02AS	PIRANHA adjustable lanyard - 2m, steel tri-act / ANSI hooks		3	
LA03H	PIRANHA adjustable lanyard - 3m, hook			
LA03T	PIRANHA adjustable lanyard - 3m, twistlock			
LA05H	PIRANHA adjustable lanyard - 5m, hook		5	
LA05T	PIRANHA adjustable lanyard - 5m, twistlock			

LA - PIRANHA adjustable lanyard - no connector options

CODE	DESCRIPTION	CONFORMITY	LENGTH (m)	LOADING (kg)
LA02	PIRANHA adjustable lanyard - 2m, no connectors	EN 358	2	125
LA03	PIRANHA adjustable lanyard - 3m, no connectors		3	
LA05	PIRANHA adjustable lanyard - 5m, no connectors		5	
LA10	PIRANHA adjustable lanyard - 10m, no connectors		10	
LA20	PIRANHA adjustable lanyard - 20m, no connectors		20	

* Safety hook supplied with oval screwlink / twistlock supplied with karabiner
Replacement rope available for all PIRANHA versions

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

CODE	DESCRIPTION	CONFORMITY	RATED LOAD
LD060	PYTHON lanyard	EN 354, EN795	SWL 1 person
LD100	PYTHON lanyard		
LH10	LASER horizontal line - 10m	EN 795 (C)	2 persons 250kg (125kg x 2)
LH18	LASER horizontal line - 18m		
LH25	LASER horizontal line - 25m		





Steel karabiners



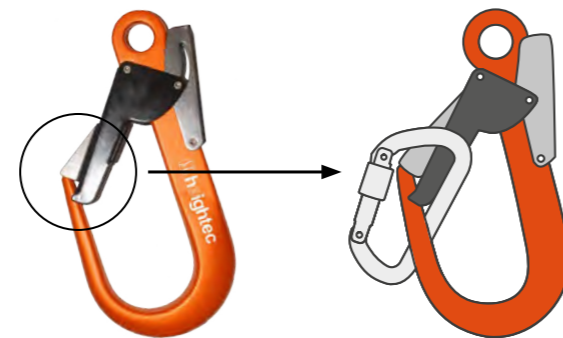
ASTRA - CKS2
Screwgate D



ASTRA - CKS3
Twistlock D
Pin optional



ASTRA - CKS4
Triple action D
Pin optional



Scaffold hook - CH01AM
Modified

Smooth modified gate profile prevents snagging and ensures correct attachment to the casualty, eliminating accidental release of casualty connector (p.43)

Alloy karabiners



ALTAIR - CKA1
Screwgate D



ALTUS - CKA2
Screwgate D



ALTUS - CKA3
Triple action D



ALTO - CKA4
Screwgate Oval



ALTO - CKA5
Triple action Oval

CODE	DESCRIPTION	CONFORMITY	BAR DIAMETER (mm)	GATE OPENING (mm)	STRENGTH (kN)
CKA1	ALTAIR screwgate D	EN 12275	11	21	28
CKA2	ALTUS screwgate D	EN 362	13	22	28
CKA3	ALTUS triple action D		13	22	28
CKA4	ALTO screwgate oval		12	17	22
CKA5	ALTO triple action oval		12	19	22
CKS2	ASTRA screwgate D		11	20	45
CKS3	ASTRA captive twistlock D	11	22	45	
CKS4	ASTRA captive triple action D	12	24	45	

footloops & workseat



MMFL1
Adjustable



MMFL4
130 cm



MESA workseat - MMWS1

- Fully adjustable with tool suspension points
- Marine ply with closed cell foam padding
- SWL 1 person, non PPE
- 50cm wide

Footloops

- Reinforced, durable steps
- Lightweight and compact
- Adjustable one step modified for a range of lengths



Anchor strop - A***

- 7mm hard wearing steel wire
- Large thimble allows rotation of connectors for easy rigging
- Clear PVC cover for quick inspection
- Unique serial ID number

Galvanised or stainless steel options

Lengths: 50cm, 100cm, 150cm, 200cm



Protected nylon sling - S25N*P**

- 25mm webbing protected sling
- High visibility protective sleeve
- Sleeve provides extra abrasion resistance and easy inspection
- Unique ID number

Lengths: 30cm, 60cm, 120cm, 240cm



DYNEEMA sling - S12D017

Versatile nylon sling dyneema

- Can be used end-to-end or wrapped around as a strop
- Allows connection to an anchor point too large to connect
- Individually marked for traceability



Nylon sling - S25N***

- 25mm webbing round sling
- Can be used end to end or wrapped around as a strop
- Allows easier connection to anchor point
- Unique ID number

Lengths: 30cm, 60cm, 80cm, 120cm, 240cm

*** Denotes length

CODE	DESCRIPTION	CONFORMITY	RATING
S25N***	Nylon sling - (nylon)	EN 354, EN 566 EN 795 (B)	200kg
S25N0***P	Protected sling - (nylon)		22kN MBL
S12D017	Dyneema sling	EN 566	165kg 23kN MBL
A***	Anchor strop - 7mm, (g/steel)	EN 354 EN 795 (B)	300kg WLL

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



GRATEMATE PLUS - MR60Q

Clamps instantly and securely to grating

- Two separate rope apertures prevent rope-on-rope friction
- Fits a wide range of grating sizes
- Easy to fit and remove, no tools needed
- Cam lever for rapid installation and removal
- Fits a range of rope sizes up to 13mm

Registered Design 5003381



GRATEMATE - MR63

Glass reinforced nylon (GRN) rope protector for metal or composite grating walkways

- Two separate rope apertures prevent rope-on-rope friction
- Durable, lightweight GRN construction
- Fits a wide range of grating sizes
- Four tie down points give stability when in use
- Two karabiner holes for ease of carrying
- Fits a range of rope sizes up to 13mm



SENTINEL - MR705 SENTINEL Plus - MR715 (with fabric cover)

50cm Chainmail wrap-around, mid-rope protector

- Extreme cut and corrosion resistance
- 'See-through' chainmail construction allows inspection of rope without removing protector
- Velcro closure strip enables quick fit
- Includes cord for protector attachment

Option: PVC cover - MR705P

Patent Pending



Scan to view video

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



MANTLE - MRP05 / MRP10

Canvas rope protector suitable for abrasive blunt edges

- Canvas gives better performance than PVC
- Includes attachment cord
- Velcro closure

Lengths: 50cm, 100cm



CASCADE - MR75

Edge protector for multiple ropes

- Heavy duty stainless steel
- Double rope channels
- Rounded edge - reduces friction when hauling / lowering
- Asymmetric shape for increased stability



KARI transport bags

Tough, multipurpose roll-top transport bags

Designed with all the features of traditional dry bags for work at height but with increased protection.

Range of styles and capabilities for every application.

Features:

- Rucksack style carrying straps
- Roll-top closure
- High strength fully welded seams
- Totally waterproof
- Lockable side fasteners
- Load rated daisy chain
- Reinforced base
- Clear document pocket
- Rated with WLL

Meets requirements of IPX7 - accidental immersion in water.



KARI 5 - B05



KARI 15* - B15



B15 - multifunctional shoulder straps



KARI 30 - B30



KARI 50 - B50



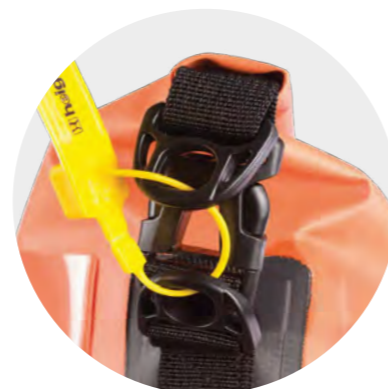
KARI 65 - B65



Rucksack style



Roll top



Tamper proof security tag

*KARI 15 has multifunctional shoulder straps offering various carrying styles.

CODE	DESCRIPTION	RATING WLL (kg)	LENGTH (cm)	WIDTH (cm)	DEPTH (cm)	SIZE (ltr)	APPROX. ROPE CAPACITY (m)
B05	KARI 5	5	30	Ø 21	-	5	15
B15	KARI 15	7	35	Ø 23	-	15	50
B30	KARI 30	18	50	Ø 27	-	30	100
B50	KARI 50	18	100	Ø 27	-	50	150
B65	KARI 65	20	70	40	25	65	200



lifting & lowering

lighten the load...

Traditionally, lifting equipment has been too big and heavy for hand hauling, PPE lowering devices are not always suitable as they can have high levels of friction, making it more difficult to lift.

heightec now offers a range of light weight, certified lifting equipment. By using different combinations of lifting device, pulleys and connectors we can offer a variety of basic to advanced lifting and lowering kit options.



Scan to view our
lifting equipment



TORNADO - D701

Unique locking pulley with one way bearing

Two way operation for quick and easy lifting, lowering and positioning of loads up to 50kg.

- One way sealed bearing system in the main cam allows pulley to rotate freely when lifting
- Functions as a pulley when lifting for minimum friction
- Simple tilt operation for controlled lowering
- Used in hand hauling systems (p.40-41)
- Locks if released when lifting or lowering

Rope diameter: 10.5 - 12mm

Patented GB 2 437 793



Scan to view video



HURRICANE - D431

Unique rope grab with pulley

Combine with TORNADO to create a quick and simple Z-rig pulley system at any point along rope.

- Intuitive, compact and lightweight
- Simpler to use than separate components
- Can be easily attached to a loaded rope
- Self locking pulley catch with simple operation
- Creates a hauling system quickly and easily, reduces amount of rope required by 70%
- Low profile attachment point for tool tether
- High performance X-Cam locking mechanism

100kg rated load

Rope diameter: 10.5 - 11mm

Patented GB 2 410 235

Can be used in rescue by combining with PPE devices e.g. QUADRA (p.19). Component of RescuePack (p.54)



CODE	DESCRIPTION	CONFORMITY	RATED LOAD
D431	HURRICANE rope grab	EN 12278, EN 12841 (B)	100kg
P201	CYCLONE pulley	EN 13157:2004 + 1A:2009	100kg

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



Personal pulley - P01

heightec's lightweight pulley for personal use

- Small sheave allowing for compact design
- Self lubricating bearing
- Aluminium alloy side plates and pulley wheel for reduced weight

Rope diameter: 12mm or smaller



Rescue pulley - P02

Lightweight, compact swing cheek pulley for general or personal use.

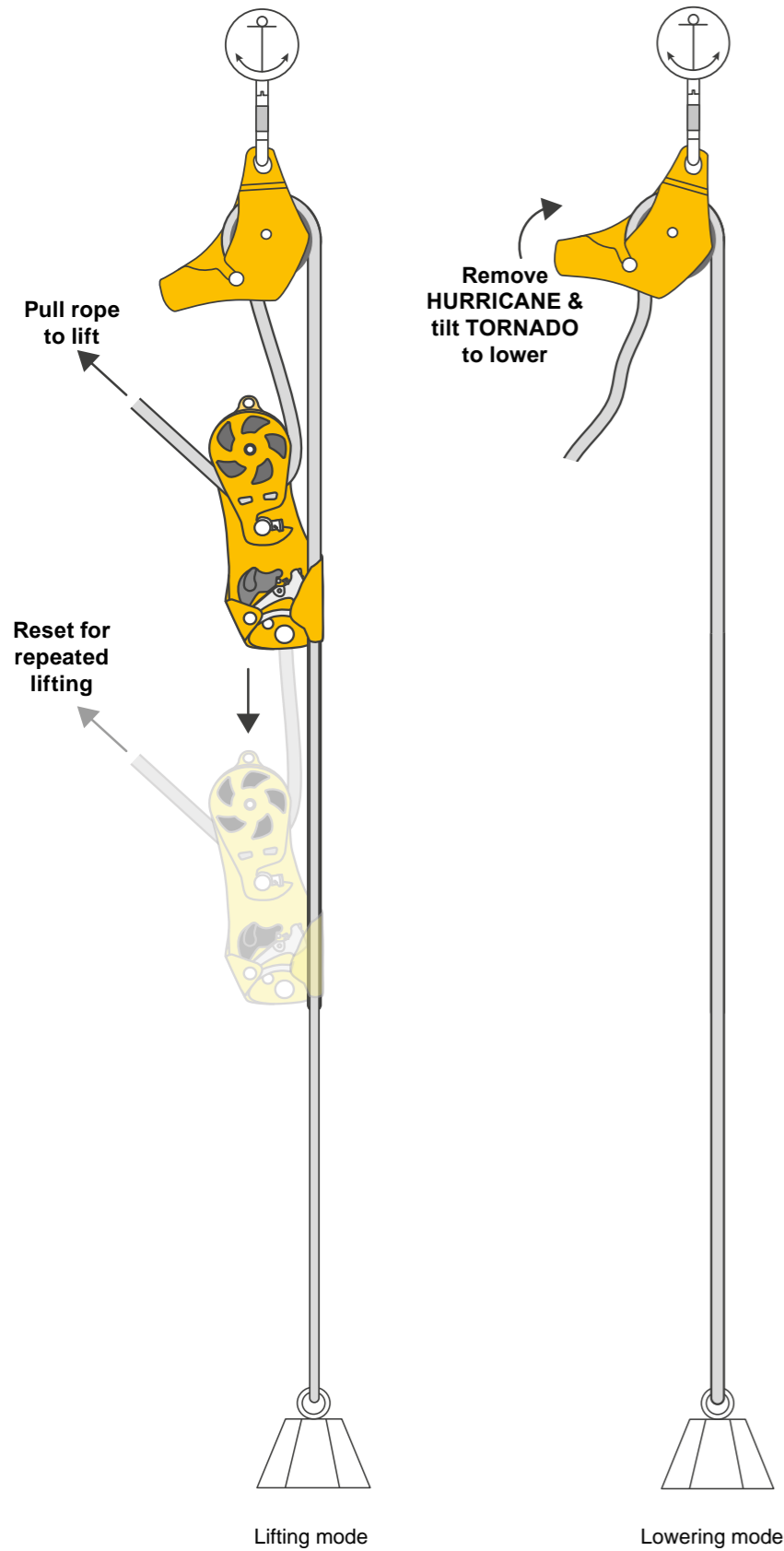
- Large diameter sheave increases mechanical efficiency
- Self lubricating bearing
- Large attachment point can accommodate up to 3 connectors

Rope diameter: 13mm or smaller

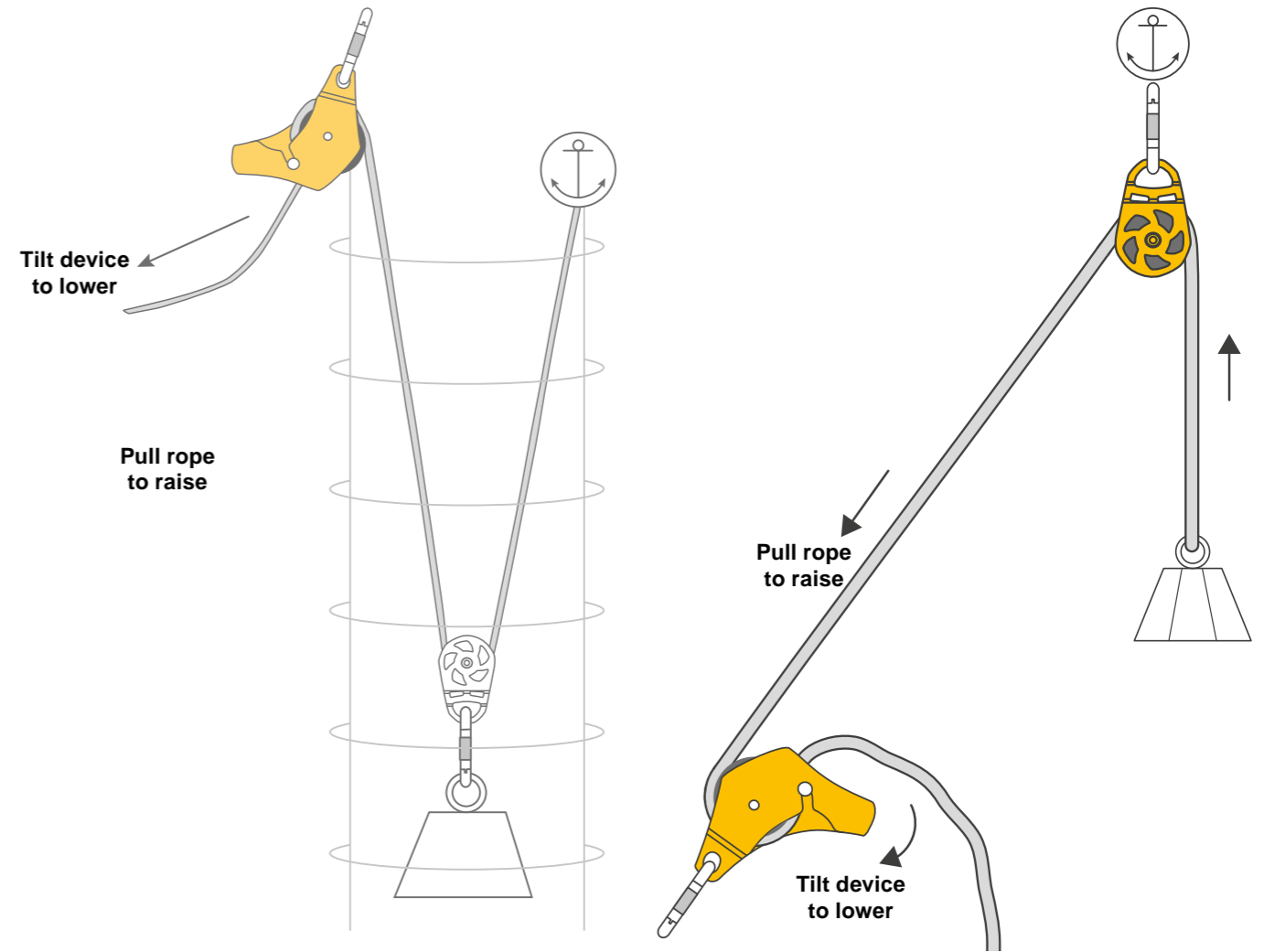
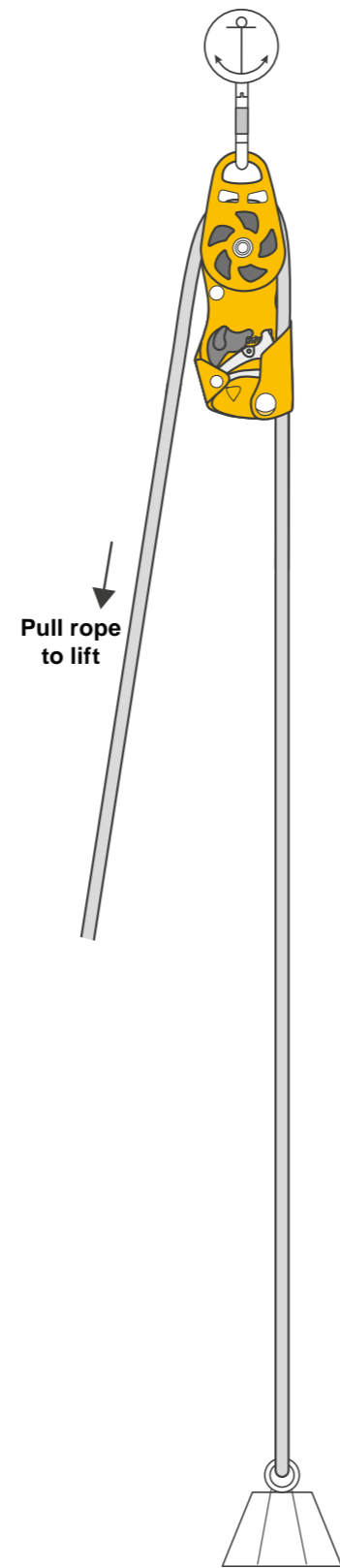
CODE	DESCRIPTION	CONFORMITY	RATING (WLL)
D701	TORNADO	EN 13157:2004 + 1A:2009	0.5kN
P01	Personal pulley - fixed, 2cm (alloy)	EN 12278	2.6kN
P02	Rescue pulley - swivel, nylon 5cm (alloy)		3kN

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

TORNADO and HURRICANE pulley system
for Z-rig type operations. System can be reset as many times as required



CYCLONE lifting system - WK52
Basic lifting system using the CYCLONE lifting and locking pulley



TORNADO pulley system

TORNADO system

This system allows current work practices to be carried out in the same way, but system will auto lock if user accidentally lets go of device.

Locking function reduces risk of dropped objects when hand hauling.

Operation of this device is simple - pull the rope to lift, tilt the device body to lower.



Basic Lifting - WK52

Simple lifting kit designed to lift small to medium loads

- Locks in lifting mode only
- Durable and corrosion resistant CYCLONE (p.37) locking device
- Additional stainless steel pulley with nylon wheel for corrosion resistance and a reduced spark hazard
- Provides high degree of grip on ropes of varying condition including after rupture of the sheath
- Ideal for offshore use

Comes complete with terminated rope and large hook, protected sling, karabiner and KARI transport bag.

NB: Not certified for lifting persons

SWL 100kg

Lengths: 25m, 50m, 100m



Lifting and Lowering - WK56

System allows lifting, lowering and positioning of loads

- TORNADO device (p.36) locks if released when lifting or lowering
- Functions as a pulley when lifting for minimum friction
- Provides friction for controlled lowering with simple, smooth operation
- Swivel cheek allows rope removal / fitting at any point

Comes complete with terminated rope and large hook, protected sling, karabiner and KARI transport bag.

SWL 50kg

Lengths: 25m, 50m, 100m

Patented GB 2 437 793



Scan to view video



Advanced Lifting and Lowering - WK55

Allows lifting, lowering and positioning of loads, has additional components for more versatile rigging options

- Unique HURRICANE device (p.37) allows multiple rigging options for high mechanical advantage
- Simple to change from lifting to lowering, can be made whilst under load
- Extra pulley for redirection or increased mechanical advantage

Comes complete with terminated rope, protected sling, karabiners and KARI transport bag.

SWL 100kg

Lengths: 50m, 100m

Patented GB 2 367 048

Tensioned pilot line can be provided with the addition of another WK55 kit.

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



casualty management

be prepared...

Responding rapidly to emergency situations is critical and could mean the difference between life and death. To add to that, you could be dealing with a situation where the casualty has fallen from height, may be suspended in their harness and suffered a life threatening injury.

Our casualty management and rescue equipment gives you the tools to access, treat and rescue a casualty and to deal with any critical injury first aid needs, whilst working at height.

Our new VANTAGE automatic locking pulley provides a simple and safe method of transferring a casualty onto a rescue system without cutting connections (no cut rescue). We have also introduced two new first aid kits, developed specifically for work at height situations. Each kit is portable, lightweight and offers bespoke solutions for first aid and critical injury treatment and aligns with the recommendations for first aid provision for all high risk environments under MATS First Aid for Work At Height Guidance (GN-009).



Scan to view our casualty management equipment

NEW



Work at Height First Aid Pack - UMA1

Bespoke first aid kit designed specifically for working at height first aid emergencies

- Includes a comprehensive selection of first aid supplies
- Range of specialist dressings and treatments for burns and significant bleeds
- Contents organised for easy selection and retrieval
- Rucksack style carry bag with harness attachment loops
- Secure internal sections prevent content loss when opened at height
- Internal grab & go bag includes assortment of supplies for basic first aid
- Bag capacity allows expansion of kit if needed

British standard compliant - BS85999-1:2019



Scan for more details

NEW



Work at Height Critical Injury Pack - UMA2

Standalone critical trauma pack for the treatment of severe / life threatening blood loss

- Includes specialist dressings and tourniquet for treatment of catastrophic bleeds
- Can complement existing work/personal first aid kit
- Contents organised for easy selection and retrieval
- Lightweight and portable, can be clipped to harness
- Internal sections prevent content loss when opened at height
- Durable nylon carry bag

British standard compliant - BS85999-1:2019



Scan for more details

A critical injury pack is now specified as part of the recommended first aid provision for all high risk environments under MATS First Aid For Working At Height Guidance (GN-009)

CODE	DESCRIPTION	LENGTH (cm)	WIDTH (cm)	DEPTH (cm)	Conformity
UMA1	Work at Height First Aid Pack	34	27	20	BS8599-1
UMA2	Work at Height Critical Injury Pack	27	21	9.5	BS8599-2

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

VANTAGE 5:1 Locking casualty pulley - P10***

For transferring a casualty onto a rescue system without cutting connections

- Cam automatically locks allowing simple and safe rescue procedures
- New woven plastic sheath provides cut and abrasion resistance
- Sheath between pulleys prevents tangling and provides cut/abrasion resistance. Highly compressible woven plastic construction won't get caught in pulleys or between cord in use, unlike similar products using a mesh sleeve
- Highly compressible sheath prevents snagging between cord or pulleys
- 8mm cord gives good grip for hauling

Approved as PPE



CODE	DESCRIPTION	CONFORMITY	LENGTH (m)	RATED LOAD (kg)
P101	VANTAGE 5:1 locking casualty pulley - 1m	EN567 EN12278 EN564	1	140
P1015	VANTAGE 5:1 locking casualty pulley - 1.5m		1.5	
P102	VANTAGE 5:1 locking casualty pulley - 2m		2	
P105	VANTAGE 5:1 locking casualty pulley - 5m		5	

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



rescue

when it really matters...

heightec has developed the most advanced combination of dedicated rescue systems available anywhere.

Our focus on modular rescue systems began in 1997 when we created the PHOENIX harness and RESCUEPACK rescue system. The PHOENIX is now our most popular rescue harness and the most widely used harness in the UK fire service.

Our rescue systems are created for emergency services and industrial rescue teams, with tailored solutions available for all work at height industries.

Each system is designed to cover every aspect of rescue operation to enable the recovery of a casualty with maximum efficiency.

Rescue equipment must be easy to use in high pressure situations, it must withstand high loads and offer complete control to rescuers, whilst ensuring rescuer safety at all times.

The need for high margins of safety goes without saying.

Award winning - many of our innovative and purpose designed rescue products are patented and have won design awards.

Rescue systems can be configured to customer requirements, samples of rescue system are included in this section.



Scan to view our
rescue equipment

NEW

ProSeal

Ultimate storage solution for mission critical equipment

ProSeal is a simple, tough storage method for equipment that needs robust protection during long term storage, to guarantee the quality and functionality of rescue and evacuation equipment.

- Total protection
- Guaranteed functionality
- 20 year lifespan*
- Complete peace of mind

ProSeal is ideally suited for equipment that requires a robust method of long term storage whilst maintaining the condition of the equipment.

- Multiple protective layers ensure perfect storage conditions
- Fully protected against damage – durable barrier bag and outer protective storage container
- Supremely simple inspection – quick and easy process without removing kit from site

Simple inspection process:

- Fast and simple
- Negligible downtime
- Reduced costs

ProSeal is available with:

- TowerPack Rescue System
- TowerPack Pro Rescue System
- ROTOR WTG Rescue Systems
- ROTOR Tower Crane Rescue System
- ROTOR Evacuation Systems
- RescuePack
- Micron Ultra-light Evacuation System
- RescuePack Pro
- Chrysalis

* varies according to system content



Scan to view video

Storage container options*



Rotor™

Automatic rescue and evacuation descender

For rescue and evacuation in renewables, oil and gas, power, energy and construction industries.

Multi-function capability for any rescue situation. Durable, reliable and strong. ROTOR combines optimum efficiency with superior control.

High load rating for rapid multiple casualty evacuation.

Friction horns give additional control for lowering a casualty.

Low profile compact design with no external moving parts that could snag and interrupt descent.

ROTOR works in both directions allowing multiple evacuees to use alternate rope ends. Can be switched between raise and lower at any point, even if under load.

- Lowering and lifting capability
- Repeated two person descents
- Direct drive enables quick lifting
- Active or passive operation
- Visible load indicator
- Sealed, IP64 waterproof mechanism*
- Fully sealed system storage
- Highly durable and reliable
- Up to 10 years maintenance free

*Not suitable for submersion

EN 341, EN 1496, CE EN 12841 C

Patented GB 2 515 341



Scan to view video

Additional Friction

Direction lock



Lifts in either direction using 1/2 inch square ratchet driver

Visible load indicator



Completely sealed waterproof mechanism* (IP64)

LOAD	MAX. DESCENT DISTANCE	DESCENT SPEED
140kg	4,500m	0.7m/s
200kg	500m	1m/s
250kg	220m	1.7m/s



ROTOR tower crane rescue system - WK39

Self contained rescue system for self evacuation or recovery of a casualty

Allows the controlled rescue of a casualty by lowering or lifting.

- Waterproof ROTOR automatic descender
- Rescue reachpole extends up to 3.5m, allows immediate connection to harness of a person suspended after a fall (p.54)
- Modified scaffold hook (p.54) prevents accidental release of casualty
- Durable KARI 5 and KARI 50 bags with waterproof fabric and welded seams for demanding environments (p.32)
- DELTA casualty harness, simple to deploy and quick to fit (p.54)

System can be configured to customer requirements.

Lengths: 50m, 100m

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.

ROTOR WTG rescue system - WK41

ROTOR WTG Rescue System has been configured to meet the exacting requirements of the renewables sector. The rescue system is fully rated for 2 person descent and comes sealed in a robust, waterproof barrel.

Contents:

- ROTOR automatic descender with rope
- Lifting handle
- COMPACT ascender
- Pulley, 5cm
- 2 x Anchor strops
- Sling, nylon, protected 60 m
- Stainless steel edge protector
- Sealed protective barrel
- Karabiners

Lengths: 50m, 60m, 100m

Patented

GB 2 515 341



All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



CHRYSALIS - MS01

Versatile roll stretcher with unique integrated casualty harness

- Patented, integral casualty fall arrest harness
- Conforms to full body harness standard requirements EN 361
- Tested with 4m fall with test mass of 125kg
- Six retaining straps aligned for rapid fastening
- Removable interior stiffening sheet
- High visibility and abrasion resistant
- For horizontal and vertical lifting
- Supplied with lifting bridle and KARI transport bag

Rolled dimensions (mm): 250(H) x 250(W) x 800(L)

Patented GB 2 403 422



Scan to view video



POD - MS02

Versatile rescue stretcher with patented integral casualty harness

- Configured for rapid deployment
- Patented, integral, casualty full body harness
- Horizontal or vertical lifting & lowering
- Smooth, low friction base, slides and drags easily
- Spine board compatible
- Supplied with lifting bridle and KARI transport bag

Rolled dimensions (mm): 230(H) x 230(W) x 900(L)

Patented GB 2 403 422



Scan to view video

TELSON - MS05

High strength stainless steel 3/4 drag stretcher for use in restricted areas and confined spaces, ideal for wind turbine rescue

- Constructed of high strength stainless steel
- Casualty is supported in a reclined sitting position
- Removable bridle allows lifting in a horizontal or substantially vertical position
- Can be used for horizontal dragging or lifeline down slopes or steps
- Bridle straps can be separated for better access when loading the casualty
- Chest and leg straps hold the casualty securely and have quick connect buckles for rapid deployment

CODE	DESCRIPTION	CONFORMITY	RATING
MS01	CHRYSALIS	MDD 93/42/EEC Dir 2007/47/EC (Class 1 Medical Device)	260kg
MSB01	CHRYSALIS stretcher bridle only		140kg
MS05	TELSON		250kg
MS02	POD		
MSB02	POD stretcher bridle only		



NEW



TOWERPACK PRO tower rescue system - WK37

For evacuation, lowering or pick-off recovery of a casualty from tall structures

- POWERLOCK is an advanced descender with secondary braking, variable friction and high load rating - two person (p.23)
- Allows for fine control of descent speed
- Rope can be removed and re-threaded for multiple or repeat lowering operations
- Rescue shears allow disconnection of casualty's line without a need to off-weight
- VANTAGE 5:1 Locking pulley for transferring a casualty onto a rescue system (p.45)
- KARI transport bag

Lengths: 50m, 100m

RESCUEPACK rescue system - WK35

Simple rescue system for the recovery of a suspended person from any situation, by raising or lowering

- Rescue reachpole extends to 3.5m to reach a casualty on an extended energy absorbing lanyard
- QUADRA for lowering and hauling (p.23)
- HURRICANE (p.37) allows quick and simple creation of pulley system at any point along the rope to deliver mechanical advantage of up to 3:1 with automatic locking

Comes complete with anchor sling, karabiner, screwlinks, rescue shears, terminated rope and modified hook.

Lengths: 25m, 50m



Scan to view video



DELTA casualty harness - H43

Ultra compact evacuation harness for lowering and lifting a casualty

- Ultra lightweight construction for easy transportation and stowage
- Elasticated waist helps to keep the harness in the correct position on the wearer and provides improved comfort and security
- Simple design enables swift deployment and fitting
- Durable materials provide long service life
- Quick and easy to fit
- Universal sizing

NB: Not designed or certified to arrest falls



CASCADE - MR75

Edge protector for multiple ropes

- Heavy duty stainless steel
- Double rope channels
- Rounded edge - reduces friction when hauling / lowering
- Asymmetric shape for increased stability

Trademarks

All product names are trademarks of The heightec Group Ltd.

Specifications are subject to change without notice.

© All contents and symbols copyright 2000 - 2022. The heightec Group Ltd. All product design rights reserved.

The heightec Group Ltd. Company No. 3435385 Registered in England and Wales. VAT No. 698 1128 04

V16 - September 2022



Excellence • Integrity • Innovation

Designing and manufacturing innovative products for specialist height safety and rescue since 1997



All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable.



heightec[®]
with respect to gravity...™

Tel: +44 (0)1539 728866
Email: sales@heightec.com

heightec.com

