



Serving the construction industry

Specialist products and training  
for work at height and rescue



**heightec.com**



Specialist products & training for work at height and rescue

Contents

About heightec... 4
Work equipment ... 7
Helmets... 8
Harnesses... 10
Lanyards ... 14
Anchor line & anchors... 16
Slings & connectors ... 17
Rope & cord... 18
Rope protection ... 19
Bags... 20
Lifting & lowering equipment ... 23
Lifting & lowering kits ... 24
Lifting & lowering devices ... 26
Roof work kit... 28
Casualty management ... 31
First aid ... 32
Casualty transfer... 33
Casualty stretcher... 34
Rescue ... 37
Automatic rescue & evacuation ... 38
Powered automatic rescue & evacuation ... 39
Specialist tower crane rescue systems... 40
Self-evacuation descender ... 42
Rescue systems ... 44
Rescue harnesses ... 45
ProSeal storage solution... 46
MaxLift powerpack... 47
Training... 49
Services... 51

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heightec is a UK manufacturer with over 25 years' experience specialising in the design and manufacture of technical equipment for specialist work at height and rescue.

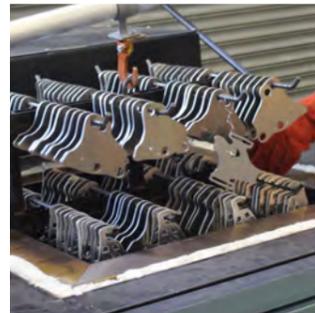


We make innovative, market leading products for ascent, descent, work positioning and rescue, at our manufacturing site in Cumbria.

We are one of very few manufacturers of both textile and engineered metal fall protection products remaining in the UK.

Our low volume production methods use the highest specification materials and local suppliers wherever possible.

Being in complete control of every process allows us to maintain the highest quality standards to make high-performing, durable products you can rely on every time.



heightec's construction range has several products offering innovative solutions to traditional problems – such as the NEXUS Harness, MICRON self evacuation descender and ROTOR rescue and evacuation descender.

We have also revisited existing models, making them lighter, stronger, simpler to use and easier to maintain.

All heightec products are tested beyond the requirements of international standards, combining exceptional performance with superior strength for demanding work environments.

We also provide specialist training and operational support services to height safety and rescue professionals worldwide and have introduced a number of new courses to our construction portfolio.

We are the only UK manufacturer of work & rescue equipment with a national network of height safety training venues.



### What you need, when you need it

As long standing suppliers to time-critical industries like energy, construction and the emergency services, we understand the need for an instant response.

In addition to our chain of UK stockists we offer complete stockholding and can supply direct to site if required.

Our technical support staff offer immediate advice on any aspect of product application and we are happy to provide individual product demonstrations by arrangement.

Visit [heightec.com/stockists](http://heightec.com/stockists) for a list of our stockists.

### Accreditation

heightec is certified to ISO 9001:2015. Our construction courses meets the requirements of the ARQIVA Gateway Scheme.



### Award Winning

We have won several Product Innovation Awards for various devices within our product range.

The award is given annually by BSIF to recognise excellence and innovation in the safety and health industry.





# individual products

## superior design...

heightec products are designed with a single objective - to excel at whatever they do.

Each industry is unique and individual users have different needs and expectations.

All our products are designed and adapted for specific situations and techniques - such as specialist rescue, tower climbing and rope access.

# DUON-Air MH02



# DUON MH01



## 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 lifespan 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





# harnesses

## comfort, fit & function...

- Designed for absolute comfort, safety and strength**
- Full adjustability for total support**
- Tailored to meet technical industry demands**

### Generic harness features

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

### SafeLock™ quick connect buckles

New buckle design grips webbing securely whilst retaining full adjustability.

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

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

Patent pending



visit [heightec.com/product-info](http://heightec.com/product-info) to view our harness sizing guide

## 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
- Integral lanyard parking points
- SafeLock quick connect leg and chest buckles



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

Q = SafeLock™ quick connect 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
- Integral lanyard parking points
- SafeLock quick connect leg and chest buckles

Standard version - H32

CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS			RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral		Torso	Waist	Thigh
H32Q	NEXUS 2 point quick	EN 361	•	•	-	140	78-115	-	60-100
H32	NEXUS 2 point								

Q = SafeLock™ quick connect buckles



**PHOENIX - H11QR**

**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
- Integral 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
H11QR	PHOENIX quick	EN 361 EN 1497	•	•	-	150	78-130	-	65-110
H11	PHOENIX		75-125	-	65-110				

Q = SafeLock™ quick connect buckles

**CORE lanyards**

Value lanyards for applications that don't need the advanced features of ELITE lanyards.

Features:

- Range of connectors and lengths
- Removable energy absorber connector
- Slim and compact absorber design
- Unique serial ID number

Approved for users up to 140kg, Fall Factor 2



**CORE Single - L1B175S**  
See length and connector options

HARNES CONNECTOR		ANCHORAGE CONNECTOR		
Oval screwlink (M)	Triple action karabiner (T)	Scaffold hook (S)	Scaffold hook (S)	Twistlock karabiner (K)

CODE	DESCRIPTION	CONFORMITY	LENGTH (m)	RATED LOAD (kg)
L1B175K	CORE single lanyard - 1.75m, twistlock	EN 354	1.75	140
L1B175S	CORE single lanyard - 1.75m, scaffold hook	EN355, EN362	1.75	

**SENSOR twin lanyards**

High specification energy absorbing twin lanyards with optional connectors.

Features:

- Allows for continuous connection to a ladder or structure
- Compact absorber design is quick and easy to inspect
- Durable protective cover
- High load rating
- Patented high twist FLEX™ rope reduces kinking in lanyard legs
- Unique serial ID number
- Rated load for users up to 140kg, Fall factor 2

Lengths: 100cm, 125cm, 150cm



**SENSOR twin - L02M100S**  
See length and connector options

CODE	DESCRIPTION	CONFORMITY	LENGTHS (m)	RATED LOAD (kg)
L02T***S	SENSOR twin lanyard - triple action, scaffold hooks	EN 354	1, 1.25, 1.50	140
L02M***S	SENSOR twin lanyard - oval, scaffold hooks	EN355, EN362	1, 1.25, 1.50	

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

**PIRANHA lanyards**

Premium adjustable lanyard in lengths from 2m up to 20m for work positioning and restraint situations.

Features:

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

Rated load 125kg

Patented GB 2 543 699



**PIRANHA - LA02H**  
See length and connection options

ROPE ADJUSTER	HARNES CONNECTOR	ANCHORAGE CONNECTOR		
PIRANHA (alloy) (LA)	Oval screwlink (steel)*	ASTRA triple action karabiner (steel)*	Safety hook (H)	Twistlock karabiner (T)

CODE	DESCRIPTION	CONFORMITY	LENGTH (m)	RATED LOAD (kg)	
LA02	PIRANHA adjustable lanyard - 2m, no connectors	EN 358	2	125	
LA02H	PIRANHA adjustable lanyard - 2m, hook				
LA02T	PIRANHA adjustable lanyard - 2m, twistlock				
LA02S	PIRANHA adjustable lanyard - 2m, scaffold				
LA02AS	PIRANHA adjustable lanyard - 2m, ANSI steel tri-act				
LA02TH	PIRANHA adjustable lanyard - 2m, tri-act + hook				
LA03H	PIRANHA adjustable lanyard - 3m, hook		5		10
LA05	PIRANHA adjustable lanyard - 5m, no connectors				
LA05H	PIRANHA adjustable lanyard - 5m, hook				
LA10	PIRANHA adjustable lanyard - 10m, no connectors				
LA20	PIRANHA adjustable lanyard - 20m, no connectors	20			

\* Safety hook anchorage supplied with oval screwlink / twistlock anchorage supplied with karabiner



**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.

CODE	DESCRIPTION	CONFORMITY	RATED LOAD
LH10	LASER horizontal line - 10m	EN 795 (C)	2 persons 250kg (125kg x 2)
LH18	LASER horizontal line - 18m		
LH25	LASER horizontal line - 25m		
A***	Anchor strop - 7mm, (g/steel)	EN 354 EN 795 (B)	300kg WLL
AS***	Anchor strop - 7mm, (g/steel), soft eye		
ASA***	Anchor strop, 7mm (s/steel)		



**Anchor strop - A\*\*\***

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

Galvanised or stainless steel options

Lengths: 100cm, 150cm, 200cm



**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: 60cm, 120cm, 240cm



**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

\*\*\* Denotes length

CODE	DESCRIPTION	CONFORMITY	RATING
S25N***	Nylon sling - (nylon)	EN 354, EN 566 EN 795 (B)	200kg 22kN MBL
S25N0***P	Protected sling - (nylon)		



**ALTO - CKA5**  
Triple action oval

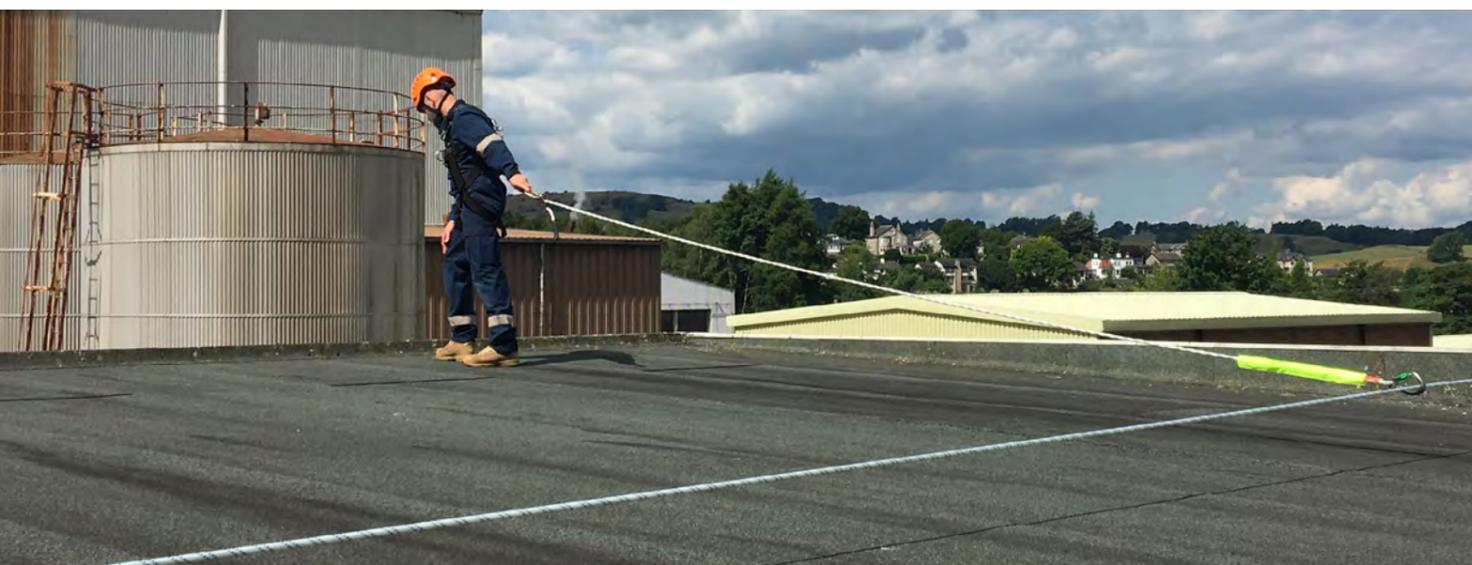


**CONTRACT - CKS0**  
Screwgate oval



**ASTRA - CKS3**  
Twistlock offset captive

CODE	DESCRIPTION	CONFORMITY	BAR DIAMETER (mm)	GATE OPENING (mm)	STRENGTH (kN)
CKA5	ALTO triple action oval	EN362	Ø 12	19	22
CKS0	CONTRACT screwgate oval		Ø 10	22	25
CKS3	ASTRA twistlock offset		Ø 11		45



**RS105 - 10.5mm static rope**



**RS110 - 11mm static rope**



**RS110G - 11mm static rope**



**RS110B - 11mm static rope**



**Accessory cord**

Cord available in a range of diameters, sold in reels

**RA06 - 6mm, 200m length**



- Colours may vary from images shown

**TECTRA™ low stretch rope**

**For fall protection, rescue, rope access and evacuation**

High twist polyamide yarn gives excellent handling characteristics and knotability, making them wear resistant and durable.

Tightly woven sheath protects the core from UV light, cutting, dirt and abrasion.

5% elongation when in use  
6.5% shrinkage

32kN MBL\* - unknotted  
22kN MBL\* - sewn  
18kN MBL\* - knotted

\*Minimum Breaking Load

- High strength
- Special treatment for improved characteristics when wet
- Termination process on rope ends to give the perfect end seal
- Thermostabilisation of yarn at different stages of production

Accessory cord

CODE	DESCRIPTION	CONFORMITY	DIAMETER (mm)	MBL (kN)	LENGTH (m)
RA06	Accessory cord - 6mm	EN564	6	9.4	200

TECTRA low stretch rope

CODE	DESCRIPTION	CONFORMITY	DIAMETER (mm)	SHEATH SLIPPAGE	SHRINKAGE	1.5kN ELONGATION	WEIGHT (g/m)	SHEATH SHARE	MIN BREAKING STRENGTH
RS105	TECTRA low stretch rope - white	EN 1891 (A)	10.5	0.04% based on 200m of rope	6.5%	5%	72	37%	32kN
RS110	TECTRA low stretch rope - white								
RS110G	TECTRA low stretch rope - gold		11				75	35%	
RS110B	TECTRA low stretch rope - black								



**CASCADE - MR75**

**Edge protector for multiple ropes**

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



**SENTINEL - MR705**

**Chainmail wrap-around mid-rope protector**

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

Length: 0.5m

Options:

MR705P - Grey PVC cover

Patent pending



**GRATEMATE - MR63**

**Grating rope protector**

- Twin apertures accommodate two ropes preventing rope-on-rope friction
- Lightweight glass reinforced nylon construction
- Fits a wide range of grating sizes
- 4 tie down points to give stability when in use
- Connector hole for ease of carrying
- Range of rope sizes up to 13mm

Option:

MR60Q - Heavy duty stainless steel



**MANTLE - MRP05 / MRP10**

**Canvas rope protector for abrasive blunt edges**

- Canvas gives better performance than PVC versions
- Includes cord for attachment to rope
- Velcro closure

Lengths: 0.5m, 1m



**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**

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
B74	Bolt bag	5	34	28.5	8.5	-	-



**Canvas bolt bag - B74**



## lifting & lowering

### lighten the load...

By combining our range of certified lifting devices, pulleys and connectors we provide simple solutions to tackle a variety of controlled hand hauling operations.

Our lifting devices are lightweight, intuitive and transportable. They offer mechanical advantage and fine friction control for lifting, lowering and positioning loads.

Safe, simple and efficient.



Scan to view our lifting equipment

**Lifting & Lowering - WK52**

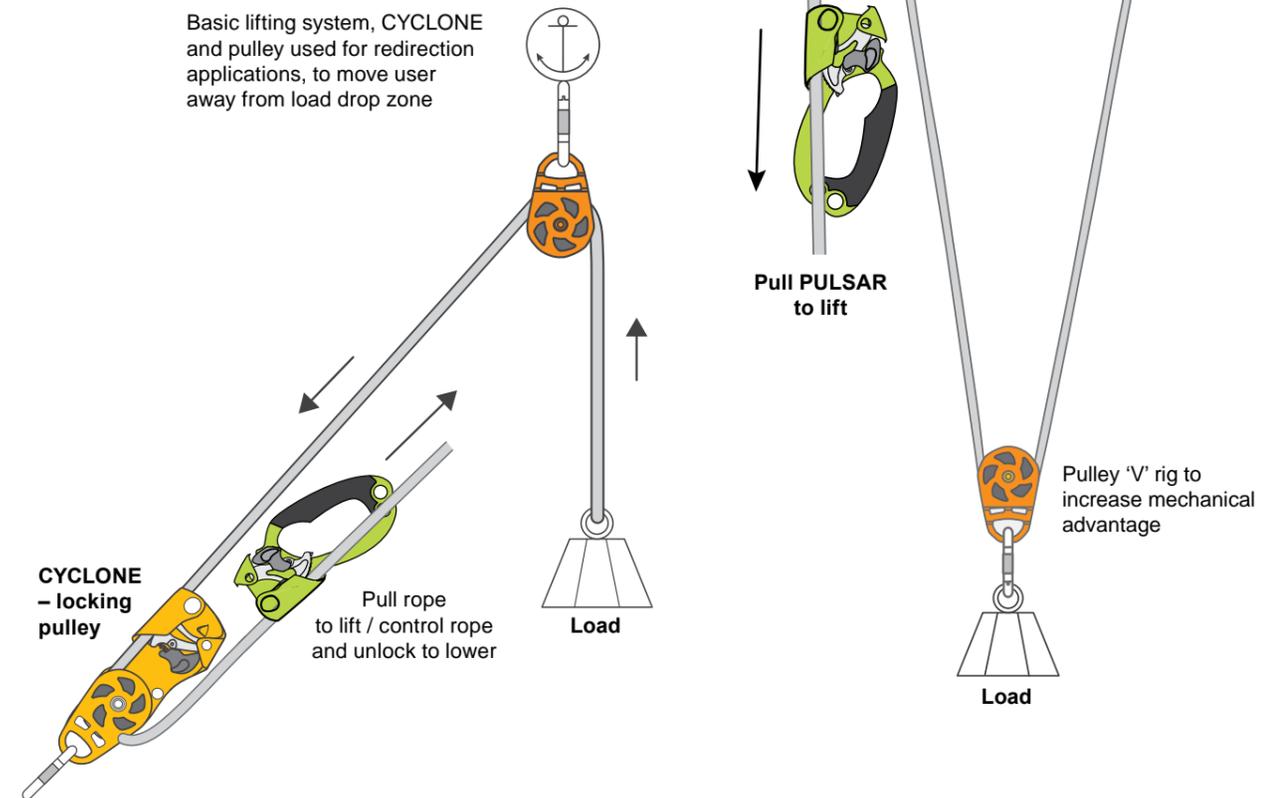
**Simple lifting and lowering kit for small to medium loads**

Locking pulley for safe lifting, standard pulley for improved efficiency or redirection

- CYCLONE (p.50) locking pulley, durable, corrosion resistant
- PULSAR handled rope grab, increases pulling force and load range
- Pulley for redirection or mechanical advantage
- Ideal for offshore use

NB: Not certified for lifting people

Lifting range: 5 - 50kg  
SWL 100kg  
Lengths: 25m, 50m, 100m



**Contents:**



CYCLONE PULSAR Pulley Protective Sling Karabiner KARI Bag

**Advanced Lifting & Lowering - WK55**

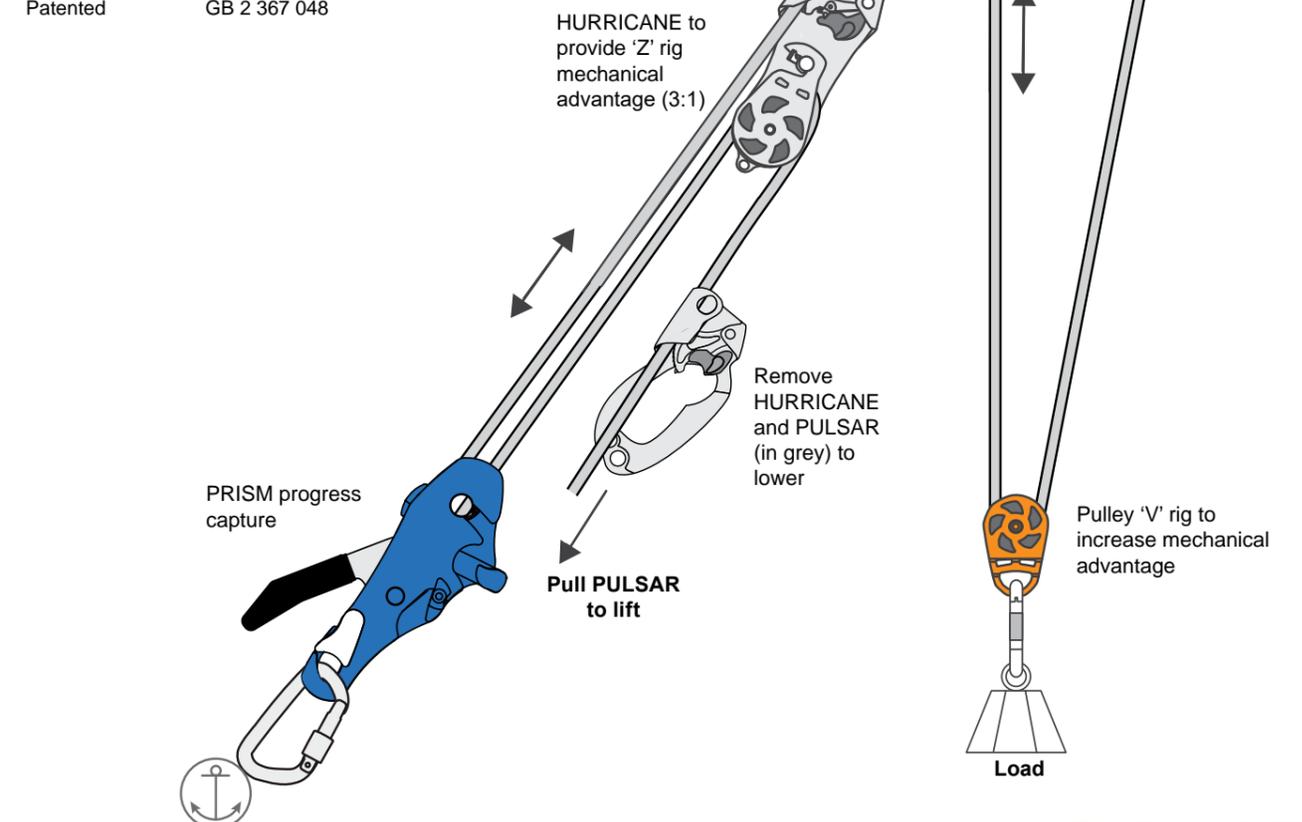
**Comprehensive kit allowing multiple configurations for lifting, lowering and directing loads**

Mechanical efficiency and lowering control can be adapted to match load and application

- PRISM (p.51) efficient lowering and lifting progress capture
- HURRICANE (p.50) creates 'Z' rig (3:1) in one simple step
- PULSAR handled rope grab, increases pulling force and load range
- CYCLONE (p.50) locking pulley, durable, corrosion resistant
- Pulley for redirection or mechanical advantage
- Simple to change from lifting to lowering, can be made whilst under load, remove HURRICANE & PULSAR (shown in grey)

Lifting range: 5 - 100kg  
SWL 100kg  
Lengths: 50m, 100m

Patented GB 2 367 048



**Contents:**



PRISM HURRICANE CYCLONE PULSAR Pulley Protective Sling Karabiner KARI Bag



**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



**CYCLONE - P201**

**Heavy duty lifting pulley with locking cam**

Specifically designed to aid hauling of equipment.

- Simple, clean design for ease of rigging
- Low friction integral pulley wheel
- Lightweight alloy construction
- High performance X-Cam locking mechanism

100kg rated load (determined by strength of user)

Rope diameter: 10.5 - 11mm

NB: Not certified for lifting persons



**HURRICANE - D431**

**Unique rope grab with pulley**

To create a quick and simple 'Z' rig pulley system.

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

Rope diameter: 10.5 - 11mm

Patented GB 2 410 235



BSIF INNOVATION AWARD



**PULSAR - D40**

**Handled ascender**

- Ergonomic handle position and profile
- Multiple attachment points for versatility
- High performance X-Cam locking mechanism
- Maintains a high degree of grip, even on old or dirty rope
- High strength durable construction
- Highly effective on angled ropes
- Does not jam, even against a knot
- Release catch allows single handed operation

Rope diameter: 9 - 13mm

Left handed version - D40L



**PRISM - D31**

**Award-winning multi-feature descender**

- Double action safety when fully threaded
- Integrated additional friction
- No additional karabiner needed for casualty rescue
- 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.

CODE	DESCRIPTION	CONFORMITY	RATING (WLL)
P02	Rescue pulley - swivel, nylon 5cm (alloy)	EN 12278	3kN
P201	CYCLONE pulley	EN 13157:2004 + 1A:2009	1kN
D431	HURRICANE rope grab	EN 12278, EN 12841 (B)	

CODE	DESCRIPTION	CONFORMITY	RATING (WLL)
D40	PULSAR ascender	EN 567, EN 12841 (B)	1kN
D31	PRISM descender	EN341 (B) EN12841 (C)	2kN

# work kits

## complete work kits

heightec has created purpose designed work kits for over 25 years.

Our kits combine carefully selected components to ensure maximum safety and optimum efficiency for each user.



### Roof Work Kit - WK04

#### Versatile system for restraint and fall arrest

##### DUON-Air helmet

- Dual certification with variable buckle release force
- Adjustable ventilation system
- 10 year life-span due to high level of UV resistance
- Advanced cradle design for optimum comfort
- Seven points of adjustment for the perfect fit

##### NEXUS 2 point fall arrest harness

- Front attachment/rescue point
- Rear attachment point
- Fully adjustable and easy to don
- Enhanced protective web sleeves
- Integral lanyard parking points

##### TENSOR Twin Lanyards

- Allows continuous connection to a ladder or structure
- Absorber will not deploy at force less than 200kg
- Minimum strength 1500kg after deployment
- Unique serial ID number allows easy management of equipment
- Approved for users up to 140 kg

##### PIRANHA adjustable lanyard

- Adhesive heat shrink on sewn terminations
- One handed operation
- Easy to use even when wearing gloves
- Locks automatically when loaded
- Rated load 125kg

##### KARI 30L transport bag

- Multi purpose waterproof roll top bag
- High strength fully welded seams
- Rucksack style carrying straps
- Load rated daisy chain
- Rated 18kg WLL



MANTLE rope protector - MRP05



DUON-Air helmet - MH02



CONTRACT karabiners - CKS0



ASTRA karabiners - CKS3



PIRANHA lanyard - LA02H



NEXUS harness - H32



TENSOR twin lanyard - L02M100S



KARI Bag - B30



Anchor strop - A200



# casualty management

## be prepared...

The speed of response in an emergency can be critical and could make the difference between life and death.

Our casualty management range gives you the tools to quickly and effectively access, treat and transport your casualty in any work at height situation.

As function and efficiency are key, all of our casualty care products have these embedded in their design.

Our new work at height first aid kit offers bespoke contents for critical injury treatment in remote work at height locations. Configured for ease of product selection with a separate internal grab bag for most common needs.

Range includes:

- First aid packs
- Stretchers
- Spine board
- Lifting aids



View 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

Visit [heightec.com](http://heightec.com) for full contents



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

Visit [heightec.com](http://heightec.com) for full contents



Scan for more details

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

**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	

**Generic stretcher features for CHRYSALIS, POD, DORSA:**

- Configured for rapid deployment
- Unique integral casualty fall arrest harness
  - Tested to meet fall arrest functional requirements of EN361
  - Harness tested with 4m fall with test mass of 140kg
- Multiple retaining straps aligned for rapid fastening
- Configurable fixed lifting bridle
- Integrated head restraint
- Supplied in KARI transport bag



**CHRYSALIS - MS01**

**Full body casualty roll stretcher for horizontal or vertical lifting & lowering**

Versatile general purpose stretcher with unique integrated casualty harness

- High visibility, abrasion resistant construction
- Removable interior stiffening sheet
- Spine board compatible

Optional ProSeal upgrade



Optional ProSeal upgrade



**POD - MS02**

**Full body casualty roll stretcher for horizontal or vertical lifting & lowering**

Versatile stretcher ideally suited for confined space rescues with unique integrated casualty harness

- Smooth, low friction base, slides and drags easily
- Lightweight durable construction
- Spine board compatible

Optional ProSeal upgrade



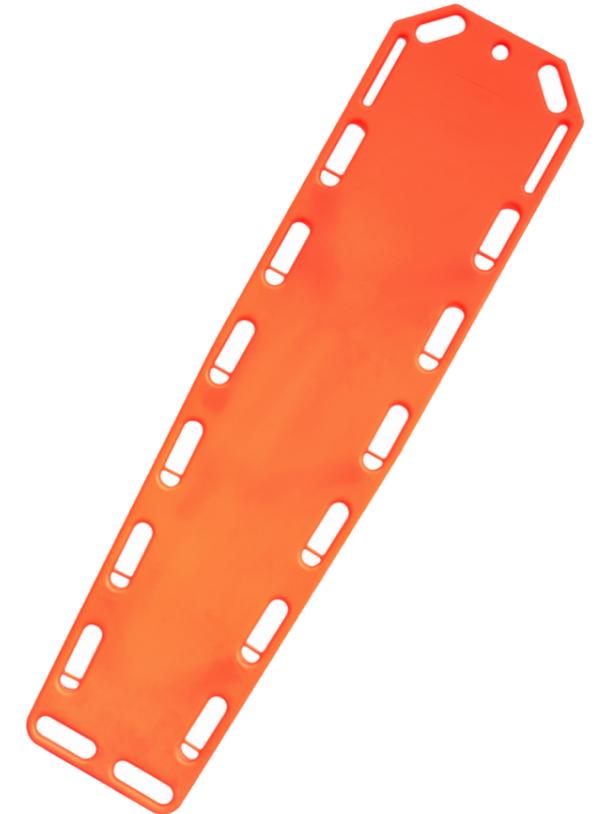
**DORSA - MS04**

**3/4 casualty roll stretcher for horizontal or vertical lifting & lowering**

Lightweight drag stretcher for locations where space/manoeuvrability is critical

- Smooth low friction base, slides and drags easily
- Lightweight durable construction
- Spine board compatible

Optional ProSeal upgrade



**PLANA Spine Board - MS06**

**For additional stretcher rigidity and protection or casualty immobilisation**

Lightweight board, compatible with CHRYSALIS and POD stretchers

- Fits inside or on top of stretcher
- Multiple moulded hand slots for good grip
- Compatible with most head immobilisation devices
- Inner slots allow rapid immobilisation of small adults (HOW)
- Excellent for water rescue, concave shape minimises lateral movement
- Hazmat and pathogen impermeable

CODE	DESCRIPTION	CONFORMITY	RATING (kg)	DIMENSIONS		WEIGHT (kg)
				FULL (cm)	ROLLED (cm)	
MS01	CHRYSALIS	MDD 93/42/EEC Dir 2007/47/EC (Class 1 Medical Device)	260kg	205(L)x75(W)	80(L)x25(W)x25(H)	8.65
MS02	POD			220(L)x90(W)	80(L)x23(W)x23(H)	9.5
MS04	DORSA		250kg	145(L)x90(W)	80(L)x23(W)x23(H)	6.3
MS05	TELSON		120(L)x41(W)x28(H)	-	9.6	
MS06	PLANA		608kg	183(L)x41(W)	-	5.2



# rescue

## is our speciality...

Our dedication to rescue as a speciality began more than 25 years ago with the design of new harnesses and equipment systems for the fire service.

Whatever level of rescue provision you need, for horizontal or vertical rescue, self-evacuation or casualty recovery, we have the system for you.

## reliability, efficiency and speed

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

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

The need for high margins of safety goes without saying.



View our  
rescue equipment

# Rotor™ D61

Automatic rescue and evacuation descender at the heart of the RescuePack systems

durable, reliable, strong...

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

**Generic features:**

- High load rating when lowering or lifting
- Multiple person escape using alternate rope ends
- Friction horns for additional control
- Long descent distance
- Active or passive operation
- Changeover can be done under load
- Can be used in any orientation
  - Attached to anchor point (passive)
  - Attached to user's harness (active)
- No external moving parts
- 10+ year lifespan

Lifting is achieved with a detachable ratchet handle (supplied)

Visible load indicator



Additional friction

Ratchet direction button

Lifts in either direction using ratchet driver



EN 341, EN 1496(A), CE EN 12841(C)

Patented GB 2 515 341



LOAD	MAX. DESCENT DISTANCE	DESCENT SPEED
30kg	21000m	0.5ms
100kg	6300m	0.6ms
140kg	4500m	0.75ms
200kg	500m	0.9ms
250kg	220m	1.7ms

m = metres  
ms = metres per second

# NEW Rotor™ MaxLift D62

Powered automatic rescue and evacuation descender with enhanced lifting capability

powerful, fast, efficient ...

Power assist for extensive lift capability

Optimised for rescue and lifting applications including 'Rescue Up'

Excels at long distances and heavy load lifts

Manual operation or full powered operation (add MaxLift PowerPack - see p.79)

**Upgrade: MaxLift PowerPack**



10mm hex drive attachment



powered operation



EN 341, EN 1496(A), CE EN 12841(C)

Patented GB 2 515 341

Powered lift capacity per one 5ah battery vs Manual:

OPERATION	LOAD	MAX LIFT DISTANCE	LIFT SPEED
Manual	100kg	User dependent	3m/m
	100kg	100m	
Powered	140kg	55m	6m/m
	200kg	36m	
	300kg	21m	

m = metres  
ms = metres per minute



**RescuePack ROTOR TC  
tower crane rescue system - WK41**

**A self-contained rescue system for rescue of a casualty  
from a tower crane cab, jib or ladder**

- Two person descent load (250kg)
- Descent distance 6300m for 100kg
- Attach to user or anchor
- Lifting speed faster than wheeled devices
- Rescue reachpole extends up to 3.5m, allows immediate connection to harness
- Modified scaffold hook prevents accidental release of casualty (see p.40)
- DELTA casualty harness, simple to deploy and quick to fit (see p.77)

Lengths: 50m, 60m, 100m

(see p.28 & 29)

Optional ProSeal upgrade



**manual operation**



**NEW**

**RescuePack ROTOR TC MaxLift  
tower crane rescue system - WK43**

**Advanced system with powered lifting function for  
rescue of a casualty from a tower crane cab, jib or  
ladder**

- Fast, efficient lifting to provide immediate rescue
- Extensive lifting range 100kg / 100m (when used with MaxLift PowerPack)
- Descent distance 6300m for 100kg
- Attach to user or anchor
- Rescue reachpole extends up to 3.5m, allows immediate connection to harness
- Modified scaffold hook prevents accidental release of casualty (see p.40)
- DELTA casualty harness, simple to deploy and quick to fit (see p.77)
- Manual operation or full powered operation (add MaxLift PowerPack - see p.79)

Lengths: 50m, 60m, 100m

(see p.28 & 29)

Optional ProSeal upgrade



**manual operation**



**powered operation**

**MaxLift PowerPack  
optional add-on**





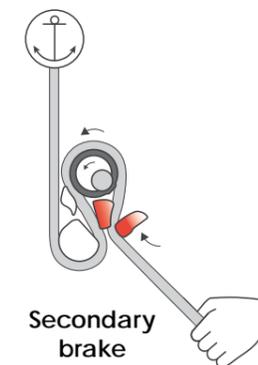
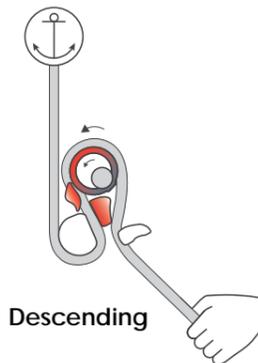
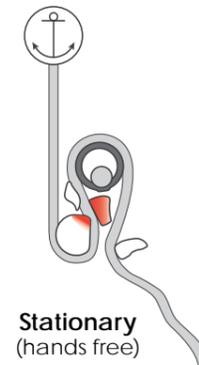
**DuoBrake™**

**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 (see p.64)

Aramid cord: 7.5mm

Patented GB 2 367 048

MICRON evacuation system lengths:  
15m, 100m





**RESCUEPACK Reach rescue system - WK32**

**Simplest rescue system on the market - recovers a suspended person from any situation by raising or lowering**

- Easy to operate rescue reachpole extends for 3.5m to a casualty on an extended energy absorbing lanyard
- Modified gate profile on scaffold hook prevents snagging and ensures correct attachment to the casualty
- Hauling system including HURRICANE device delivers a mechanical advantage of 3:1 with automatic locking
- QUADRA for use in rescue systems for life-lining, lowering, hauling and descending, with 200kg max. load

Kit contains many patented products

Received the BSIF Innovation Award

Lengths: 25m, 50m

Optional ProSeal upgrade



BSIF Innovation Award



**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



**X-IT rescue sling - H41**

**Evacuation sling, can be configured as under arm or triangular support harness**

- Dual configuration allows use as both underarm lifting sling and traditional nappy under seat.
- Double action safety hooks
- Wrap-around fitting and easy adjustment
- Wide PVC chest and back support
- Large steel multi-directional attachment point
- Rear grab handle improves manoeuvring of casualty
- Integral deployment system
- Compact PVC stowage
- Universal sizing

NB: Not designed or certified to arrest falls

CODE	DESCRIPTION	CONFORMITY	ATTACHMENT POINTS			RATING (kg)	MEASUREMENTS (cm)		
			Sternal	Dorsal	Lateral		Torso	Waist	Thigh
H43	DELTA casualty harness	EN 1498	•	-	-	125	-	65-95	-
H41	X-IT rescue sling		140	108-152	-	-			



## NEW ProSeal

ultimate storage solution for mission critical equipment

Simple, tough storage method for equipment that needs robust protection during long-term storage and guarantees the quality and functionality of rescue and escape kits.

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

tough, reliable, cost-effective...

- Multiple protective layers
- Extremely durable barrier bag
- Supremely simple inspection
- Quick and easy to open



How to inspect

Inspection procedure as simple as:

- Open container
- Check indicator colour
- Record
- Reseal

No specialist skills or knowledge required.

All inspection materials included.

Environmentally impact:

- Products last longer
- Less resources used
- Less downtime
- Less transport
- Natural desiccant, environmentally benign

Barrel totally waterproof    KARI bag water resistant    Case aluminium box



\*lifespan varies according to system content



## MaxLift PowerPack UMD1

when time is critical, turbocharge RescuePack...

- Standalone power pack delivers maximum lifting capacity
- Ideal for advanced rescue and demanding lifting operations
- Complete driver kit with robust storage case
- Kit includes tool tether to prevent dropped objects
- Mains charger, spare battery and driver parts included

stronger, faster...

Powered lift capacity per one 5ah battery vs manual:

OPERATION	LOAD	MAX LIFT DISTANCE	LIFT SPEED
Manual	100kg	User dependent	3m/m
Powered	100kg	100m	6m/m
	140kg	55m	
	200kg	36m	
	300kg	21m	

m = metres

ms = metres per minute



Cordless angled driver unit



10mm hex drive attachment



18v rechargeable batteries



Tool tether



3 x hex driver



240v mains charger



Storage case



# training

heightec is the largest provider of specialist, technical height safety training in the UK. Our training centres have a combined floor area of over 50,000 square feet and a wide range of specially designed training apparatus replicating realistic work situations.

Our national network of training centres offer maximum convenience, reducing client travel costs and downtime.

We provide the perfect indoor learning environments that eliminate the risk of foul weather interruption, allowing participants to concentrate fully on their training without disruption.

heightec centres are located in Aberdeen, Kendal, Leeds, Birmingham and London.

Our courses are fully quality controlled in accordance with the requirements of BS 8454: Code of practice for the delivery of training for work at height and rescue. heightec provided the convener for this standard.

Training content is defined by detailed learning objectives, giving a balanced mix of knowledge and practical skills.

Our expert instructors have delivered more than 140,000 participant training days internationally, providing the highest quality of specialist, technical height safety training available.



Scan to view our full training brochure

**Work at Height Training**

**Harness Fitting & Use**

For persons requiring basic compliance to work at height requirements, gaining knowledge of fitting and using a fall arrest harness to connect to a suitable anchor point. Useful as a prerequisite to the Rescue After a Fall (TRE2U) or Evacuation by Descent (TRE4U) courses, if the participant has no work at height certification.

**Using Height Safety Equipment**

Includes harness fitting and use of a range of fall protection equipment, equipment care and maintenance and Work at Height Regulations. Includes the WAHSA approved syllabus "Introduction to personal fall protection equipment".

**Roof Safety, Access & Fall Protection (ARQIVA\*)**

For all persons required to access flat roofs. Provides information on potential hazards with discussion of permanent and temporary methods of fall protection. Summary of requirements for the use of mobile elevated work platforms, temporary scaffolds and portable ladders. Includes radio frequency hazards.

**Rescue Training**

**Tower Crane Rescue**

Intended for people working with tower cranes who may be required to rescue a casualty from the cab crane structure or a person suspended on a lanyard after a fall. Complies with the requirements of CPA technical information note TIN013 – 'Rescue of Personnel From Height on Tower Cranes'.

**Supporting Skills**

**Inspection of PPE - Competent Person**

Provides skills for inspecting PPE for work at height. After the course the participants will be competent to carry out thorough examinations of equipment and keep traceable records of this under LOLER and Work at Height Regulations.

**RF Hazards - Awareness & Monitoring (ARQIVA\*)**

Provides knowledge on the effects of RF on the human body, methods of operating detection equipment and means of identifying danger areas.

**Anchor Fixing & Testing**

For persons required to fix and test permanent anchors for fall protection purposes. Includes practical experience of fixing and testing a selection of commercially available eyebolt anchors.

\*Course includes ARQIVA Gateway approved content. For more information regarding ARQIVA Gateway scheme, visit [www.arqiva.com/documentation/gateway-documents](http://www.arqiva.com/documentation/gateway-documents)

**Training Reminder Service**

We provide a complimentary reminder service to all participants. Reminders are sent at interim periods leading up to re-certification renewal period to ensure continuity.

**Post Training**

All participants receive 15% discount off heightec equipment after completing a course with us.

Days	Code
0.5	TFP1U
1	TFP4U
1	TFP5U
1	TRE9U
1	TSK1U
0.5	TSK4U
1	TSK3U



**heightec offers a comprehensive range of support services**

**Consultancy for Work and Rescue at Height**

- Development and review of height safety and emergency planning, policy and procedures
- On site height safety and rescue assessments
- Height safety audits and inspections
- Industry-specific advice and bespoke training

**Inspection & Servicing**

For the benefit our account customers we offer an inspection service for individual items of PPE, work kits or rescue systems and is carried out by our trained inspectors. Call for details.

**Traceability & ID Marking**

Our rope devices are now stamped with a unique ID number at the start of the production process. The resulting mark is more durable than laser etching or engraving and remains legible for longer. The lifespan of the product is increased without the need to re-mark when traceability is essential.

We can individually mark our equipment in accordance with a client's own ID scheme. Using laser marking for devices, fabric labels on soft goods such as harnesses, ropes etc or RFID emitter technology on virtually any item of PPE.

**Bespoke Branding**

In addition to our marking and traceability service, we offer clients the option to have their corporate identity or other relevant markings etched onto large orders of devices or heat transferred onto large bag orders. We also offer bespoke helmet branding and soft label marking options for harnesses, lanyards and ropes.

Visit [heightec.com](http://heightec.com) for more information.

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**heightec**<sup>®</sup>  
with respect to gravity...<sup>™</sup>

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Height Safety Centres located in Aberdeen • Kendal • Leeds • Birmingham • London