Products for professional work at height and rescue
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innovation & quality

about heightec

heightec is an established UK manufacturer, 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.
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

European 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/

Technical information and video available online: heightec.com/downloads
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

Patent pending

visit heightec.com/faqs to view our harness sizing guide
APEX integrated harness H001Q

**NEW**

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 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.23)
- No tools needed to fit or remove ascender
- Features X-Cam technology

Patent Pending

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>ATTACHMENT POINTS</th>
<th>RATING (kg)</th>
<th>MEASUREMENTS (cm)</th>
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<tbody>
<tr>
<td>H22Q</td>
<td>EXTOL EN 358, EN 361, EN 813</td>
<td>• • • •</td>
<td>• • • •</td>
<td>140</td>
<td>95-120 70-140 60-80</td>
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<tr>
<td>H22QL</td>
<td>EXTOL quick, large EN 358, EN 361</td>
<td>• • • •</td>
<td>• • • •</td>
<td>140</td>
<td>100-135 80-165 60-100</td>
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<tr>
<td>D44</td>
<td>SYNC chest ascender EN 567, EN 12841 (B)</td>
<td>- - - -</td>
<td>- - - -</td>
<td>125</td>
<td>- - - - - -</td>
</tr>
</tbody>
</table>

Q = SafeLock quick connect buckles
Aura modular harness

NEW

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 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

ECURSE 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

AURA system includes:

<table>
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<tr>
<th>CODE</th>
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<th>MEASUREMENTS (cm)</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>Sternal</td>
<td>Dorsal</td>
<td>Lateral</td>
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<tr>
<td>H52</td>
<td>CORONA chest harness, front &amp; rear D ring</td>
<td>EN 361 when attached to ECLIPSE</td>
<td>●</td>
<td>●</td>
<td></td>
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<tr>
<td>D44</td>
<td>SYNC chest ascender</td>
<td>EN 567, EN 12841 (B)</td>
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<td>-</td>
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<tr>
<td>H02Q</td>
<td>ECLIPSE quick sit harness</td>
<td>EN 358, EN 813</td>
<td>-</td>
<td>-</td>
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</table>

Q = SafeLock quick connect buckles
HALO modular system H003

Sit harness system for rope access, with all the versatility, capabilities and quality of the AURA modular system, integrated into a lightweight design.

HALO system includes:

SOLAR chest harness

Features:
- Lightweight shoulder construction
- Front attachment point
- Integrated connection for SYNC chest ascender
- Simple to adjust for perfect fit

SYNC chest ascender

Features:
- Attaches securely to SOLAR 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

SHADOW sit harness

Features:
- Low profile waist and leg padding
- Large waist D-ring for multiple attachments
- Elastic rear leg loop straps
- Reinforced gear loops 20kg SWL
- Elasticated web tidies to stow webbing

<table>
<thead>
<tr>
<th>CODE</th>
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<th>MEASUREMENTS (cm)</th>
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<tr>
<td></td>
<td></td>
<td>EN 361 when attached to SHADOW</td>
<td>Sternal Dorsal Lateral Waist</td>
<td>(with SHADOW)</td>
<td>Torso Waist Thigh</td>
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<tr>
<td>H53</td>
<td>SOLAR chest harness</td>
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<tr>
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<td>EN 813</td>
<td>- - - ●</td>
<td>140</td>
<td>70-140 60-80</td>
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</table>
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

Optional version with fixed leg loops - H21QF

sales@heightec.com
**VORTEX - H34Q**

**Premium W/TG harness for work positioning and fall arrest**

- High rear attachment point
- Low profile breathable back panel and waist pad
- Plastic wear protection in key areas
- Rapid fitting for emergency evacuation
- Contoured fit for comfort and freedom of movement
- Lanyard parking points
- SafeLock quick connect leg and chest buckles

**NEON - H28Q**

**Telecoms and rigging harness**

- 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

**H21Q MATRIX quick**

<table>
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<tr>
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<td>H21QL</td>
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<td>EN 358 EN 361</td>
<td>• • • •</td>
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<td>H21L</td>
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<td>• • • •</td>
<td>95-120</td>
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**H34Q VORTEX quick**

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<td>• • • •</td>
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**H28Q NEON quick**

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<tr>
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<td>• • • •</td>
<td>95-120</td>
<td>100-135 85-165 60-100</td>
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**H28QL NEON quick, large**

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<tr>
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<td></td>
<td>• • • •</td>
<td>95-120</td>
<td>115-150 95-160 65-125</td>
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**H28 NEON**

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<tr>
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<td>• • • •</td>
<td>95-120</td>
<td>115-150 95-160 65-120</td>
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**H28L NEON large**

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<tbody>
<tr>
<td>H28L</td>
<td>NEON large</td>
<td></td>
<td>• • • •</td>
<td>95-120</td>
<td>115-150 95-160 65-120</td>
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</table>

Q = SafeLock quick connect buckles
full body harnesses

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

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

<table>
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<tr>
<th>CODE</th>
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<th>ATTACHMENT POINTS</th>
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<th>MEASUREMENTS (cm)</th>
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<tr>
<td>H32Q</td>
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<td>EN 361</td>
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<tr>
<td>H32Q</td>
<td>NEXUS 2 point quick</td>
<td>EN 361</td>
<td>Sternal Dorsal Lateral</td>
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<td>95-130 - 65-110</td>
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<tr>
<td>H11Q</td>
<td>PHOENIX quick</td>
<td>EN 361</td>
<td>Sternal Dorsal Lateral</td>
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<td>95-165 - 65-145</td>
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<tr>
<td>H11</td>
<td>PHOENIX</td>
<td>EN 1497</td>
<td>Sternal Dorsal Lateral</td>
<td>150</td>
<td>95-165 - 65-145</td>
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</table>

Q = SafeLock quick connect buckles
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.
descent

simple, reliable, tough...

The EGO can be used for descent, ascent, rescue and hauling.

Intuitive design, easy to use, clean and maintain.

**SIMPLE**  Progressive secondary brake increases reliability and safety.

**RELIABLE**  Components are accessible for cleaning and inspection.

**TOUGH**  Designed for aggressive environments - offshore, blasting, geotechnical.

The handle remains locked in the safe position for all functions other than descent. This reduces the need to manipulate the device for functions such as ascent and changeovers.

Progressive cam design gives precise control, allowing a safe and predictable descent.
EGO descender

Advanced high load descender

Features:

- Predictable, progressive braking action
- Long lifetime for demanding environments
- Progressive secondary brake to counteract panic descent
- Simple mechanism, easy to clean and inspect
- Maximum rated load 200kg - two person rescue without additional karabiner
- Locks if the device is threaded backwards
- Built-in wear indicator

Rope diameter: 10.5 - 11mm

Patent pending

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>RATING - NORMAL USE (kg)</th>
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<tr>
<td>D35</td>
<td>EGO descender</td>
<td>EN 12841 (C)</td>
<td>200</td>
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sales@heightec.com
back-up adaptable, simple, practical...

The first back-up device to combine the effectiveness of a unique patented high-load cam with a speed sensing trigger mechanism.

ADAPTABLE

Versatile back-up device for rope access, fall arrest, positioning or hauling.
Tows freely with a cowstail, without user intervention.

SIMPLE

Fully functional with normal dynamic rope lanyards (cowstails) - no additional energy absorber needed.
Works in all situations - on slopes, both horizontally and vertically.
Locks automatically if in a free fall or if user descends too quickly.
Self parks, even after extended use.

PRACTICAL

The speed sensing mechanism is fully sealed against aggressive conditions and will lock (fail to safe) if it becomes jammed or contaminated.
Load bearing cam can be easily cleaned and inspected.

Features:

- No additional energy absorber required
- Rated for two person rescue loads with no rope damage
- Self parking capability even after extended use
- Remains attached to cowstail to prevent risk of dropping
- Can be towed using the cowstail, without intervention from the user
- Can be used as a normal cam loaded device for hauling or positioning
- Function of load bearing cam can be easily checked before use

Rope diameter: 10.5 - 11.5mm
Patented EP 2 796 172
Operation:

**High load V Lock friction cam** - engages, squeezing the rope against brake block.

**Wheel** - rope runs between wheel and V Lock cam as the device is towed up or down.

**Speed-sensing mechanism** - stops the device automatically in the event of a fall or if the user descends too quickly.

**High strength magnetic tow hook** - releases cowstail in the event of a fall, transferring the load and causing the device to tip.

**Brake block** - arrests the fall with minimal slippage.

---

**fig. 1 - Ascent**
Clip a dynamic rope lanyard (cowstail) to the attachment point. Ascend as normal, towing the FUSION up by the cowstail.

**fig. 2 - Descent**
Loop the cowstail into the hook. Descend as normal, the FUSION tows down automatically.

**fig. 3 - Deployment**
In the event of a fall, the cowstail is automatically released.

**fig. 4 - Fall Arrest**
Load bearing cam operates immediately.

---

<table>
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<tr>
<th>CODE</th>
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<td>D25</td>
<td>FUSION back-up</td>
<td>EN 353-2, EN 358, EN 12841 (A)</td>
<td>2 person rescue</td>
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</table>
Quantum back-up

X-Cam
advanced, high-performance design

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

Features:

- 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.

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

Technical information available online: heightec.com/downloads

Video available online: heightec.com/downloads

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<td>D44</td>
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<td>0.14</td>
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<td>D40</td>
<td>PULSAR ascender</td>
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<tr>
<td>D40L</td>
<td>PULSAR ascender - left-handed</td>
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<td>D41</td>
<td>COMPACT ascender</td>
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<td>D42</td>
<td>TWIST chest ascender</td>
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</table>
NEW

The first ever fully integrated chest ascender

SYNC - D44
Removable chest ascender

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

- Integrates with EXTOL, CORONA and SOLAR to perform as part of the harness (p.8-11)
- Sits tightly against the chest section for efficient ascending
- Can be removed from harness quickly, without tools
- Innovative attachment points secure ascender and reduces movement to an absolute minimum

Rope diameter: 10.5 - 12mm
Patent pending

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

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
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.

---

**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, 30m, 50m, 100m, 120m

Video available online: heightec.com/downloads
**QUADRA - D011**

**Multi-function 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
D012 - Gate allows threading while attached to anchor

**POWERLOCK - D321**

**High load rescue descender**

For two person loads with double action safety

- Designed for two person loads
- Passed 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 rescue system (p.50)

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>RATING - NORMAL USE (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D33</td>
<td>MICRON evacuation system</td>
<td>EN 341 (D)</td>
<td>125</td>
</tr>
<tr>
<td>D011</td>
<td>QUADRA rescue device</td>
<td>EN 12841 (C)</td>
<td>200</td>
</tr>
<tr>
<td>D321</td>
<td>POWERLOCK descender</td>
<td>EN 341 (B), EN 12841 (C)</td>
<td>200</td>
</tr>
</tbody>
</table>
lanyards

total reliability for your protection

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

Using patented HELIX™ 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:

<table>
<thead>
<tr>
<th>HARNESS CONNECTOR</th>
<th>ANCHORAGE CONNECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oval screwlink (M)</td>
<td></td>
</tr>
<tr>
<td>Triple action karabiner (T)</td>
<td></td>
</tr>
<tr>
<td>Scaff old hook (S)</td>
<td></td>
</tr>
<tr>
<td>CE/ANSI hook (A)</td>
<td></td>
</tr>
<tr>
<td>Twistlock karabiner (KC)</td>
<td></td>
</tr>
</tbody>
</table>

L0 - TENSOR twin lanyard legs - no connectors

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>TYPE</th>
<th>LEGS</th>
<th>HARNESS CONNECTOR</th>
<th>LENGTH OPTIONS (cm)</th>
<th>ANCHORAGE CONNECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>L02</td>
<td>TENSOR twin lanyard - no connectors</td>
<td>L0</td>
<td>2</td>
<td>-</td>
<td>100, 125, 150</td>
<td>-</td>
</tr>
</tbody>
</table>

*** denotes lanyard length - Total length depends on connector types attached. (Approx. 90cm with nothing attached)
**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

**Options:**
- TENSOR high specification absorber - L00
- Absorber replacement cover - L0C

**TENSOR twin lanyards, no connectors - L0**
High specification energy absorbing twin lanyard, without connectors.

Lengths 100c m, 125cm, 150cm
# 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

## Replacement rope available for all PIRANHA versions

### Table of PIRANHA adjustable lanyards

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>LENGTH (m)</th>
<th>LOADING (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA02</td>
<td>PIRANHA adjustable lanyard - 2m, no connectors</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>LA02H</td>
<td>PIRANHA adjustable lanyard - 2m, hook</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA02T</td>
<td>PIRANHA adjustable lanyard - 2m, twistlock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA02S</td>
<td>PIRANHA adjustable lanyard - 2m, scaffold hook</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA02AS</td>
<td>PIRANHA adjustable lanyard - 2m, steel tri-act / ANSI hooks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA03</td>
<td>PIRANHA adjustable lanyard - 3m, no connectors</td>
<td>EN 358</td>
<td>3</td>
<td>150</td>
</tr>
<tr>
<td>LA03H</td>
<td>PIRANHA adjustable lanyard - 3m, hook</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA03T</td>
<td>PIRANHA adjustable lanyard - 3m, twistlock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA05</td>
<td>PIRANHA adjustable lanyard - 5m, no connectors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA05H</td>
<td>PIRANHA adjustable lanyard - 5m, hook</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA05T</td>
<td>PIRANHA adjustable lanyard - 5m, twistlock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LA10</td>
<td>PIRANHA adjustable lanyard - 10m, no connectors</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>LA20</td>
<td>PIRANHA adjustable lanyard - 20m, no connectors</td>
<td></td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

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

**Rope adjuster**

<table>
<thead>
<tr>
<th>ROPE ADJUSTER</th>
<th>HARNESS CONNECTOR</th>
<th>ANCHORAGE CONNECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIRANHA alloy (LA)</td>
<td>Oval screwlink (steel)*</td>
<td>Safety hook (H)</td>
</tr>
<tr>
<td>PIRANHA alloy (LA)</td>
<td>Astra triple action karabiner (steel)</td>
<td>Twistlock karabiner (T)</td>
</tr>
<tr>
<td>PIRANHA alloy (LA)</td>
<td>Scaffold hook (S)</td>
<td>CE / ANSI hook (A)</td>
</tr>
</tbody>
</table>

**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**

**NEW**

**Piranha lanyards**

sales@heightec.com
**PYTHON lanyard - LD***

For work restraint or as component part of fall arrest system

- 11.5mm diameter dynamic rope lanyard
- Sewn termination

60cm, 100cm

*** Denotes length

**LASER Tensioned horizontal anchorage line**

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

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.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>RATED LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD060</td>
<td>PYTHON lanyard</td>
<td>EN 354</td>
<td>SWL 1 person</td>
</tr>
<tr>
<td>LD100</td>
<td>PYTHON lanyard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LH10</td>
<td>LASER horizontal line - 10m</td>
<td>EN 795 (C)</td>
<td>2 persons 250kg (125kg x 2)</td>
</tr>
<tr>
<td>LH18</td>
<td>LASER horizontal line - 18m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LH25</td>
<td>LASER horizontal line - 25m</td>
<td>*RESTRAINT ONLY BEYOND 18M</td>
<td></td>
</tr>
</tbody>
</table>
Alloy double action vessel transfer connector

Allows rapid attachment and release from retractable systems. Can be released under partial load e.g. when stepping onto the deck of the transfer vessel.

- Instant, single handed operation
- Offset double action safety mechanism
- Unique forked gate allows immediate closure
- Positive lever action enables immediate disconnection
- Integral load indicator

EN 362, MBL 24 kN, WLL 240 kg

Scaffold hook - CH01AM Modified

Smooth modified gate profile prevents snagging and ensures correct attachment to the casualty, eliminating accidental release of casualty connector (p.49)
## Alloy karabiners

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>BAR DIAMETER (mm)</th>
<th>GATE OPENING (mm)</th>
<th>STRENGTH (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA1</td>
<td>ALTAIR screwgate D</td>
<td>EN 12275</td>
<td>11</td>
<td>21</td>
<td>28</td>
</tr>
<tr>
<td>CKA2</td>
<td>ALTUS screwgate D</td>
<td>EN 362</td>
<td>13</td>
<td>22</td>
<td>28</td>
</tr>
<tr>
<td>CKA3</td>
<td>ALTUS triple action D</td>
<td></td>
<td>13</td>
<td>22</td>
<td>28</td>
</tr>
<tr>
<td>CKA4</td>
<td>ALTO screwgate oval</td>
<td></td>
<td>12</td>
<td>17</td>
<td>22</td>
</tr>
<tr>
<td>CKA5</td>
<td>ALTO triple action oval</td>
<td></td>
<td>12</td>
<td>19</td>
<td>22</td>
</tr>
<tr>
<td>CKS2</td>
<td>ASTRA screwgate D</td>
<td></td>
<td>11</td>
<td>20</td>
<td>45</td>
</tr>
<tr>
<td>CKS3</td>
<td>ASTRA captive twistlock D</td>
<td></td>
<td>11</td>
<td>22</td>
<td>41</td>
</tr>
<tr>
<td>CKS4</td>
<td>ASTRA captive triple action D</td>
<td></td>
<td>12</td>
<td>24</td>
<td>45</td>
</tr>
</tbody>
</table>

## footloops & workseat

- **MMFL1** Adjustable
- **MMFL3** 103 cm
- **MMFL4** 130 cm
- **MMFL5** 153 cm

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

### MESA workseat - MMWS1
- Fully adjustable with tool suspension points
- Marine ply with closed cell foam padding
- SWL 1 person, non PPE
- 50cm wide
anchors & slings

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
30cm, 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
30cm, 60cm, 120cm, 240cm

DYNEEMA sling - S12D***
Versatile nylon sling dyneema
• Can be used end-to-end or wrapped around as a strop
• Individually marked for traceability
17cm, 30cm, 60cm, 120cm

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
50cm, 100cm, 150cm, 200cm

*** Denotes length

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S25N***</td>
<td>Nylon sling - (nylon)</td>
<td>EN 354</td>
<td>200kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EN 566</td>
<td>25kN MBL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EN 795 (B)</td>
<td></td>
</tr>
<tr>
<td>S25N0***P</td>
<td>Protected sling - (nylon)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S12D***</td>
<td>Dyneema sling</td>
<td>EN 566</td>
<td>165kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>23kN SWL</td>
</tr>
<tr>
<td>A***</td>
<td>Anchor strop - 7mm, (g/steel)</td>
<td>EN 354</td>
<td>300kg WLL</td>
</tr>
<tr>
<td>AS***</td>
<td>Anchor strop - 7mm, (s/steel), soft eye</td>
<td>EN 354</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>EN 795 (B)</td>
<td></td>
</tr>
<tr>
<td>ASA***</td>
<td>Anchor strop, 7mm (s/steel)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASS***</td>
<td>Anchor strop, 7mm (s/steel), soft eye</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

sales@heightec.com
edge & rope protection

**Gratemate Plus - MR60Q**
Clamps instantly and securely to grating
- Twin apertures accommodate two ropes preventing 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
- Twin apertures accommodate two ropes preventing 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

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- 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**
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

**Sentinel Plus - MR715**
(with fabric cover)

**Mantle - MR05 / MR10**
Canvas rope protector suitable for abrasive blunt edges
- Canvas gives better performance than PVC
- Includes attachment cord
- Velcro closure
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

sales@heightec.com
KARI - lifting and transport bags

Tough, multi-purpose roll-top transport bags

Designed specifically for work at height and rescue bringing all the features of traditional dry bags to work at height but with increased protection.

heightec's transport bag range offer a style for every function - personal, kit, lifting, rope, rescue and tool bags.

Features:

- Rucksack style carrying straps
- Roll-top closure
- Waterproof fabric and welded seams
- Lockable side fasteners
- Load rated daisy chain
- Reinforced base
- Clear document pocket

Meets requirements of IPX7 - accidental submersion in water
### KARI bags

**B05** KARI 5  5  30 Ø 21 - 5 -

**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

**KARI 5** - **B05**

**KARI 15** - **B15**

*KARI 15* has multi-functional shoulder straps offering various carrying styles.

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

sales@heightec.com  

heightec  

35
Traditionally lifting equipment has been too big and heavy for hand hauling. By combining our lightweight range of certified lifting devices, pulleys and connectors we provide simple solutions to tackle a variety of controlled hand hauling operations, from basic to complex tasks.

Safe, simple and efficient.
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
- Woven plastic sheath provides cut and abrasion resistance
- Highly compressible sheath prevents snagging between cord or pulleys unlike similar products using mesh sleeves
- 8mm cord gives good grip for hauling

Approved as PPE

Can be used in a TOWERPACK rescue system (p.50), 5:1 mechanical advantage enables the rescuer to easily off-weight a casualty from their system onto a rescue system.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>MBL(kN)</th>
<th>WLL(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P10</td>
<td>VANTAGE 5:1 Locking casualty pulley</td>
<td>EN 567, EN 12278, EN 564</td>
<td>14</td>
<td>140</td>
</tr>
<tr>
<td>P01</td>
<td>Personal pulley - fixed, 2cm (alloy)</td>
<td>EN 12278</td>
<td>26</td>
<td>260</td>
</tr>
<tr>
<td>P02</td>
<td>Rescue pulley - swivel, nylon 5cm (alloy)</td>
<td></td>
<td>30</td>
<td>300</td>
</tr>
<tr>
<td>P03</td>
<td>Rescue Prusik pulley - swivel, nylon 5cm (alloy)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

sales@heightec.com
Introducing our new load control devices

Featuring offset pulley mechanisms that auto lock.
Easy to lower, safe to use.

**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

**TWISTER - D71**

Unique locking load controller

A small, lightweight accessory for controlling loads of up to 10kg.

Used for raising, lowering, positioning loads and for backing up loop hand hauling systems.

- Compact and unobtrusive
- Provides friction for controlled lowering, simply tilt the device to lower
- Locks if released when lifting or lowering

Rope diameter: 10.5 - 12mm

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>RATING - NORMAL USE (WLL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D701</td>
<td>TORNADO</td>
<td>EN 13157</td>
<td>50kg</td>
</tr>
<tr>
<td>D71</td>
<td>TWISTER</td>
<td>2006 / 42 / EC</td>
<td>10kg</td>
</tr>
</tbody>
</table>
HURRICANE - D431

Unique rope grab with pulley

Combine with TORNADO or TWISTER (p.40) to create a quick and simple Zrig 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

200kg 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.25). Component of RescuePack (p.51).

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

CYCLONE and HURRICANE lifting and lowering kits (p.42-43).

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
<th>RATING - NORMAL USE (WLL)</th>
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<td>HURRICANE rope grab</td>
<td>EN 12278, EN 12841 (B)</td>
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<td>P201</td>
<td>CYCLONE pulley</td>
<td>2006 / 42 / EC</td>
<td>100kg</td>
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</table>
**load control**

**TORNOADO and HURRICANE pulley system**
for Zrig type operations. System can be reset as many times as required.

- **Pull rope to lift**
- **Reset for repeated lifting**
- **Remove HURRICANE & tilt TORNADO to lower**

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

- **Pull rope to lift**

**Lifting mode**

**Lowering mode**
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.

TORNADO and TWISTER can also be used in compound pulley systems to increase mechanical advantage and use with higher loads.
**Basic Lifting - WK52**

**Simple lifting kit designed to lift small to medium loads**

- Locks in lifting mode only
- Durable and corrosion resistant CYCLONE (p. 39) 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

25m, 50m, 100m
**Lifting and Lowering - WK56**

System allows lifting, lowering and positioning of loads

- TORNADO device (p.38) 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

50m, other lengths available - call for details

Patented GB 2 437 793

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**Advanced Lifting and Lowering - WK55**

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

- Unique HURRICANE device (p.39) 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

50m, 100m

Patented GB 2 367 048

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

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Technical information and video available online: heightec.com/downloads
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.

White paper on ‘Rescue: A hierarchical approach’ is available at heightec.com/downloads for details.
**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

<table>
<thead>
<tr>
<th>LOAD</th>
<th>MAX. DESCENT DISTANCE</th>
<th>DESCENT SPEED</th>
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<tbody>
<tr>
<td>140kg</td>
<td>4,500m</td>
<td>0.7ms</td>
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<tr>
<td>200kg</td>
<td>500m</td>
<td>1ms</td>
</tr>
<tr>
<td>250kg</td>
<td>220m</td>
<td>1.7ms</td>
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</tbody>
</table>

Completely sealed waterproof mechanism* (IP64)

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

Visible load indicator

Additional Friction
Sample Rotor rescue system

ROPTR rescue system

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.49)
- Modified scaffold hook (p.49) prevents accidental release of casualty
- Durable KARI 5 and KARI 50 bags with waterproof fabric and welded seams for demanding environments (p.35)
- DELTA casualty harness, simple to deploy and quick to fit (p.49)

System can be configured to customer requirements.

50m, 100m
**CHRYSA LIS - MS01**

Versatile roll stretcher with unique integrated casualty harness for horizontal and vertical lifting

- Integral casualty restraint harness - conforms to performance 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
- Supplied in KARI 50 bag (p.35)
- Rolled dimensions: 250(H) x 250(W) x 800mm(L)

Patented GB 2 403 422

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**TELSON - MS05**

3/4 length stretcher designed for use in confined areas, 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

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<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CONFORMITY</th>
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<td>CHRYSA LIS stretcher bridle</td>
<td>CE 2007 / 47 / EEC (Class 1)</td>
<td>WLL 1 person</td>
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<tr>
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<td>TELSON</td>
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<td>140kg</td>
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</tbody>
</table>
**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

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**Rescue reachpole - MSRM**

**Locking extending rescue pole**

Enables a rescue system to be attached to a person suspended after a fall. Use with modified scaffold hook.

- High strength, heavy duty design is rigid when fully extended
- Sturdy locking mechanism
- Unique quick release bracket
- Non-conductive
- Extends to 3.5m length

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**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

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**Scaffold hook - CH01AM**

**Modified**

Smooth modified gate profile prevents snagging and ensures correct attachment to the casualty, eliminating accidental release of casualty connector.
Sample rescue equipment

TORWERPACK tower rescue system

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.25)
- 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.37)
- KARI transport bag (p.35)

50m, 100m
**RESCUEPACK rescue system**

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
- EGO for lowering and hauling (p.18)
- HURRICANE (p.39) 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 anchoring sling, karabiner, screwlinks, rescue shears, terminated rope and modified hook.

25m, 50m