

B-Safe[®]

Height Safety

Rescue

Safety Lines

Training

Height Safety

www.beaver.com.au

C A T A L O G U E



“B-Safe has built an enviable reputation and forged a leading position in the market through a combination of technical expertise, quality products and a rigorous quality and testing regime”



Beaver Brands provides a range of products and technical services in Fall Prevention and Rescue Equipment.

Established in 1977, Beaver Brands has developed its own quality range of products under the B-Safe name. Utilising only the finest components and employing a rigorous testing regime, we are able to ensure our products exceed the requirements of AS/NZS 1891.1:2007.

Beaver Brands is a member of the “Fall Protection Manufacturers Association of Australia”(FPMA). An independent body of the major fall protection equipment manufacturers in Australia. The FPMA facilitates a co-ordinated approach to increase the awareness of issues relating to Height Safety.

IMPORTANT NOTICE

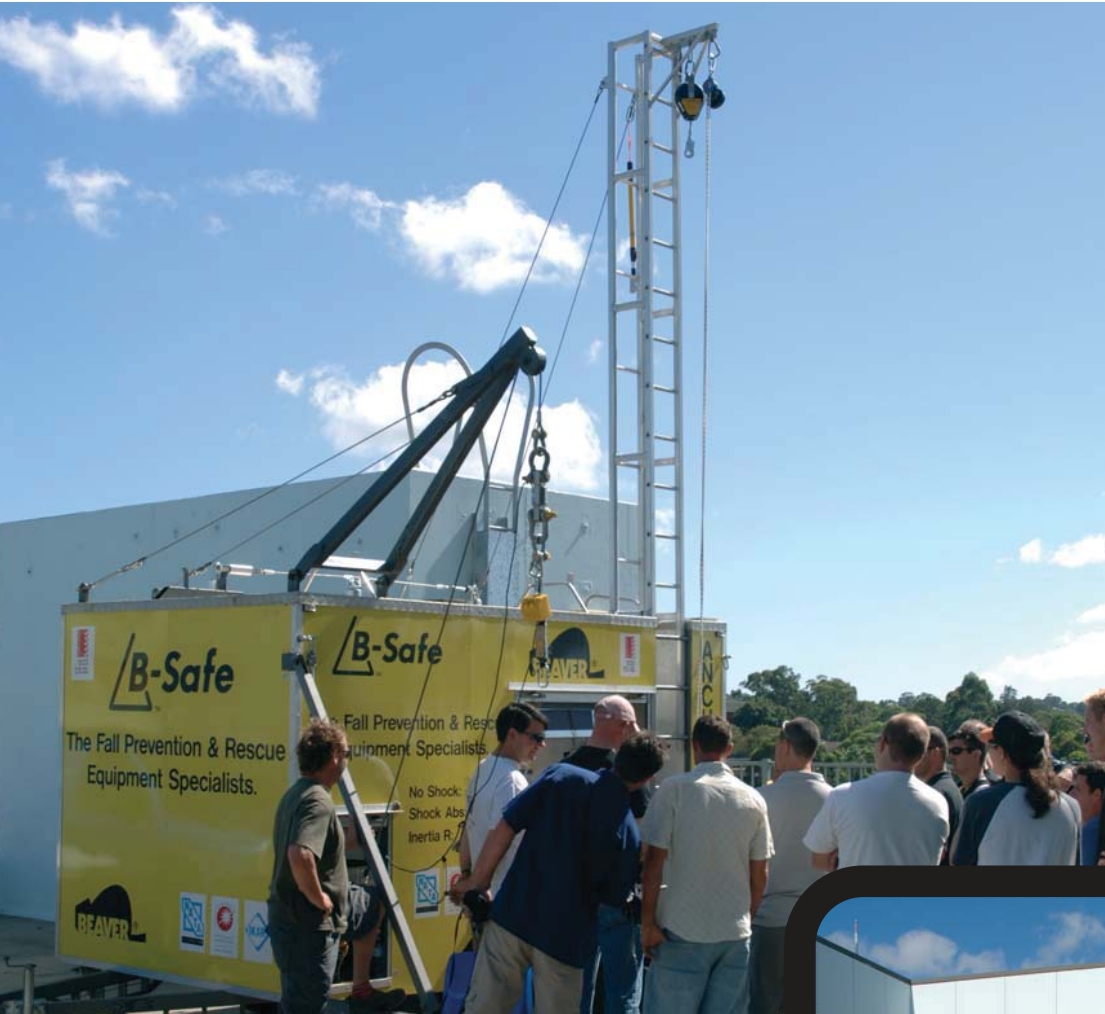
Photographs, illustrations and descriptions in this catalogue are for reference only. Beaver Brands reserves the right to make changes to the specifications in this catalogue without notice and without entailing any obligation on our part to modify products previously sold. When ordering, please enquire if any changes or modifications have been made following publication.

The use of products depicted in this catalogue, in some states and territories requires the operator to be licensed, trained or certified and as such it is the users responsibility to check with their local regulatory authority prior to use.



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Beaver Brands have various forms of testing and demonstration equipment to highlight and simulate the real life applications industry use of our B-Safe products and this equipment can be utilised for our customers in demonstrating or testing various pieces of height safety equipment.

All B-Safe products are tested and labeled according to regulatory requirements and are supplied with the necessary instructions for the correct use. It is important that when any height safety equipment is used that product awareness and training is undertaken prior to the equipment being used. Beaver Brands provide user manuals with all equipment and these must be referred to prior the equipment being used. These manuals cover all necessary safe use requirements and are regarded as the manufacturers instructions for use. Any use of the product or mis-use of the products outside of these recommendations will invalidate any claim against Beaver Brands.

Manufacturer Based Product Awareness and User Training

Programme One

120min presentation includes fitting a harness, selection of equipment, user inspections and a rescue demonstration.

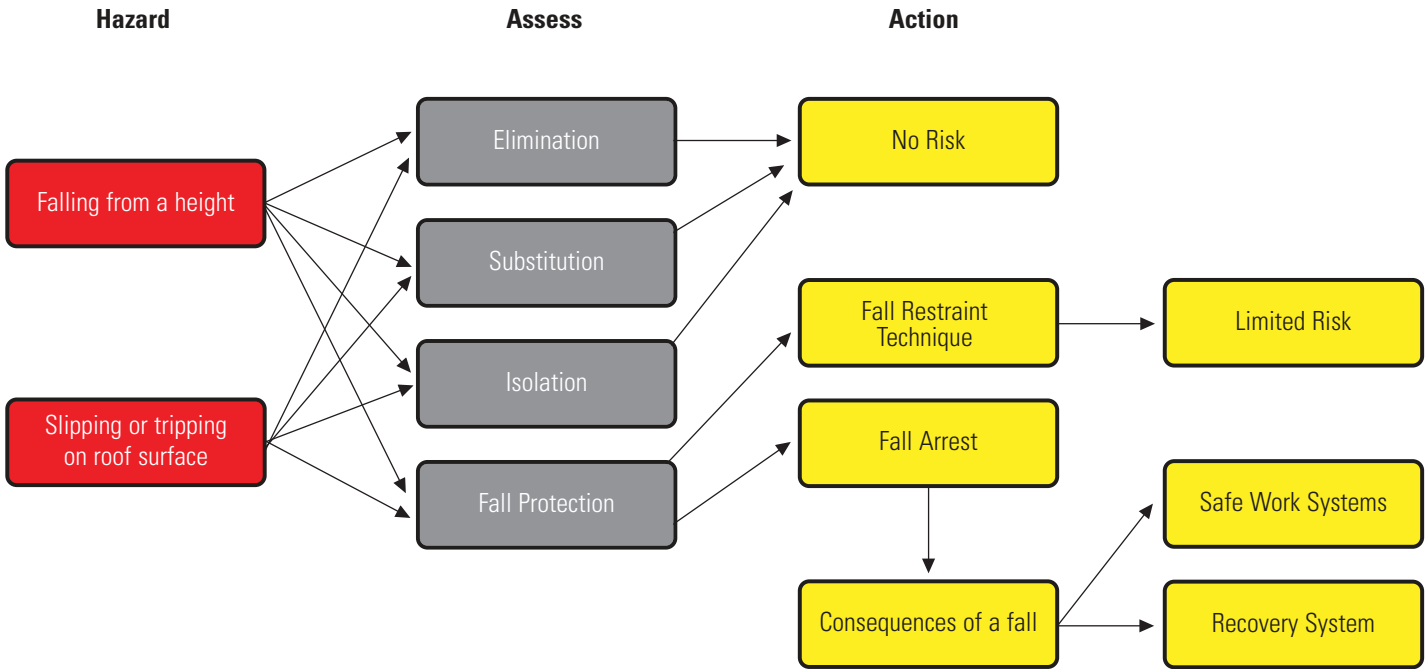
Programme Two

240min presentation as above but including, a theory section on legislation, Standards, Codes of Practice, and a practical assessment for certification.



A risk assessment should be conducted prior to any work being carried out to identify the hazards that exist and the risks that they pose.

Simple Risk Assessment Procedure (sample only)

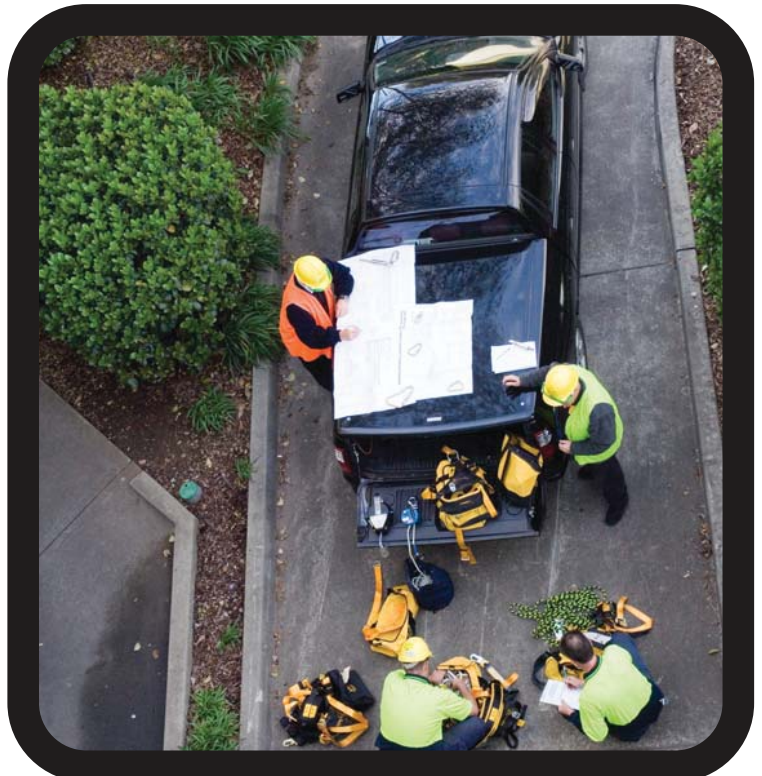


This table is a sample only as many other hazard factors can and will come into account. Other issues to be addressed at this stage include, but are not limited to: Nature of the work, surface materials, fragile roofing material, personal training levels, competency, weather conditions, surface conditions, etc.

Reference should be made to AS/NZS1891.4 for the Correct Use, Selection and Maintenance criteria for Height Safety Systems. It is recommended that wherever possible a "Restraint technique" system is used. This is a system where a person using fall arrest rated equipment, is prevented from reaching a position from where a fall is possible.

The image to the right is of a working group undertaking a pre work risk assessment and inspecting all equipment to be used on the job.

The equipment inspection is recorded on a register, and with the work method statement discussed in a toolbox talk.



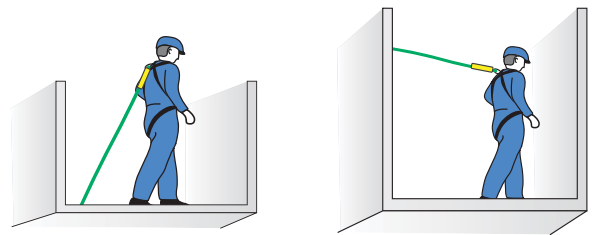
General Principles of Safely Working at Heights

Work sites today pose hazards that can cause serious harm. The responsibility to end each and every day safely rests not only with your employer but more importantly with yourself. In today's workplace you need to be aware of the hazards that are present and look at the ways that these hazards can be identified.

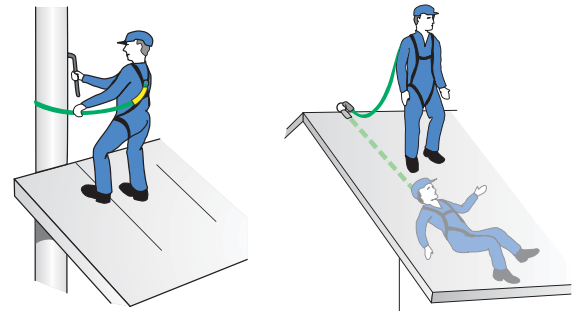
This principle has been used in many very high risk occupations for some time, and the benefits have been rewarding with a noticeable reduction in accidents statistics. A risk assessment – hazard reduction programme is covered on the previous page and Beaver Brands recommend that all users of height safety equipment, should use a risk assessment programme to identify the hazards that could cause injury.

General Terminology used in Fall Prevention

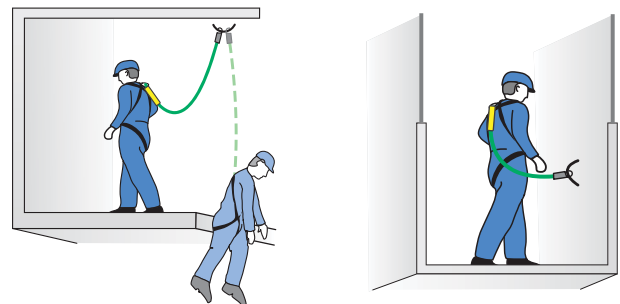
- **Restraint Technique** – To control a persons movement by means of a combination of a harness, and an energy absorbing lanyard that will physically prevent the person from reaching a position at which there is a risk of a free fall.



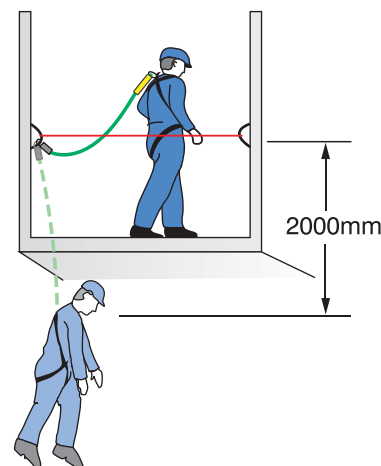
- **Restrained Fall** – A fall or the arrest of a fall where the person suffering the fall is partially restrained by a restraining device such as a pole strap or is sliding down a slope on which it is normally possible to walk without the assistance of a hand rail or hand line.



- **Limited Free Fall** – A fall or the arrest of a fall where the fall distance prior to the system taking the load, and the maximum distance of any free fall component will not exceed 600mm.



- **Free Fall Arrest** – A fall or the arrest of a fall where the fall distance before the fall-arrest system begins to take any loading, is in excess of 600mm either vertically or on a slope which is not possible to walk without assistance of a handrail or hand line. Maximum Free Fall distance permitted is 2m, with a shock absorbing lanyard. (Please note fall clearance requirements on page 6)



Fall Arrest Considerations

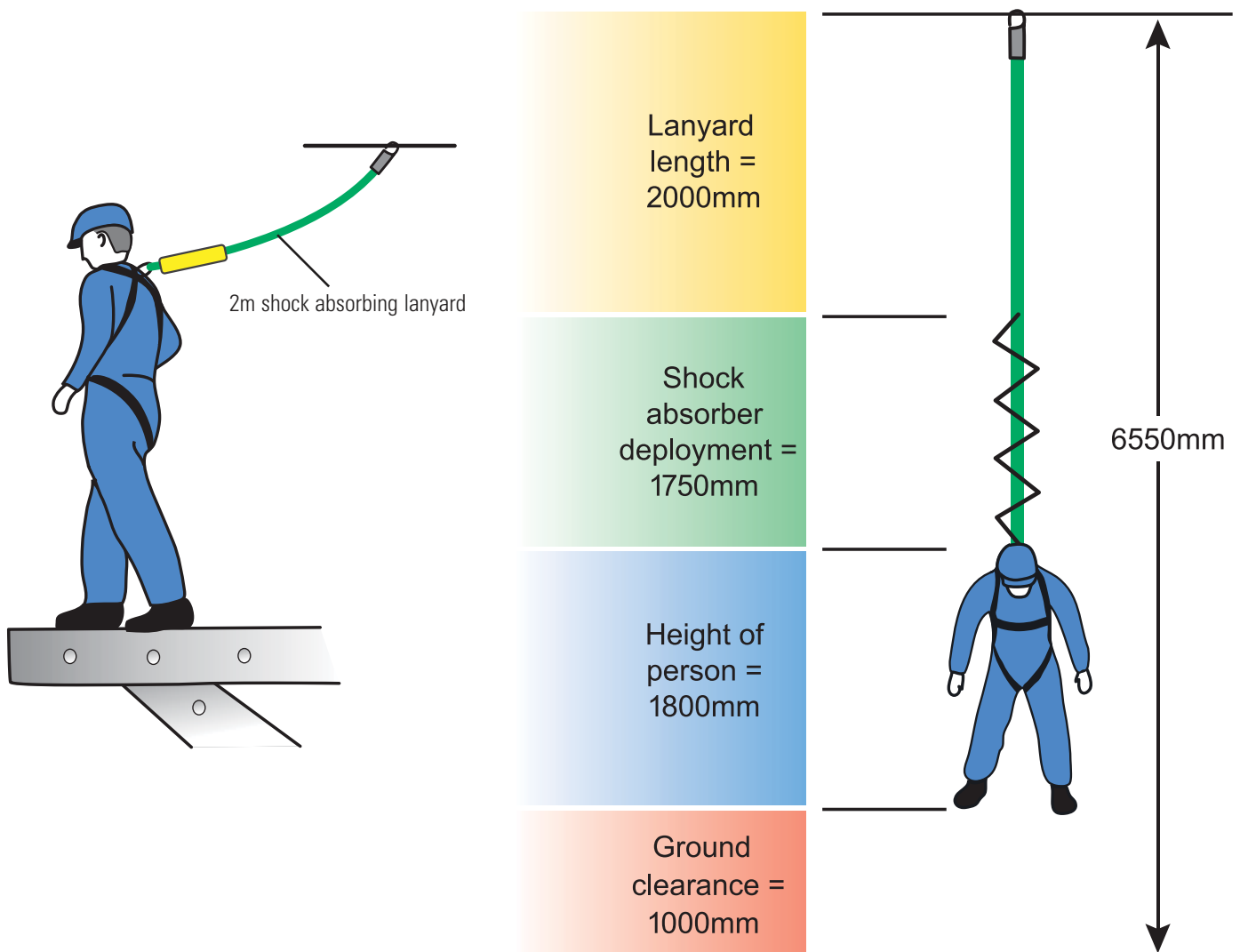


When using fall arrest type equipment, it is essential that there be adequate clearance under the area of work so that in the event of a fall, the user will not strike the ground or any other hazardous objects during the fall.

If it is assessed that the occurrence of a fall would endanger the user then other alternatives of fall protection systems must be considered. This may include the use of shorter shock absorbing lanyards, retracting lanyards or adjustable lanyards. In each case the fall clearance must be identified and the hazards associated with fall clearance eliminated.

With the reduction of free fall distances other benefits can occur, if the free fall distance is reduced then the load on the system and the person could be reduced, also the recovery method and time may be significantly reduced if the users fall distance is kept to a minimum.

Wherever possible the attachment point for a fall arrest system should be located above the users attachment point on the harness, when this is not possible the shock absorbing lanyard length must be reduced to ensure that the maximum fall distance of the user is limited to 2m. A user should never climb above the attachment point using a fall arrest shock absorbing lanyard as this only adds to the free fall distance and consequently adds to the overall shock load on the system, and the person.





Before using the B-Safe harness, users should do a pre-inspection the harness webbing, metal fittings connection points, and labels for damage. Refer to instruction booklet and if in any doubt you should contact your supervisor, supplier or B-Safe for advice.

1 Hold the harness by the rear dorsal connection Dee ring and gently shake the harness to untangle the straps. Ensure the leg straps are free and not buckled up. Ensure that all straps are fully extended. Whilst holding the harness by the dorsal dee, carry out a pre use inspection of the components, webbing, stitching and buckles. Check labelling, identify the withdrawal from service date has not passed.

2 Hold the harness with the Dorsal Dee facing away from you, place the shoulder straps of the harness over your hands (as shown) and hold the harness open.

3 Rotate harness and insert elbow into arm loop and then place arm through the loop, release shoulder strap and place other arm through the other shoulder loop and let harness fall onto the shoulders. Ensure that the harness is fitted correctly without any webbing twists over the shoulders.



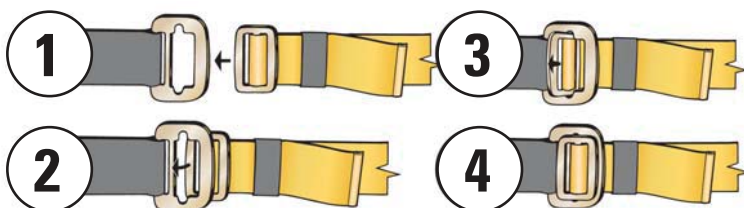
4 Buckle all straps prior to adjusting the fit. Locate chest strap and pass the smaller buckle plate through the other chest strap buckle. (As shown in the "How to assemble buckles" diagrams). Locate leg straps and ensure that the left leg strap is connected to the left hip buckle and the right leg strap is connected to the right hip buckle.

Ensure the straps are not twisted and the loose webbing end is always on the outside, away from the body. Hold buckle and pull webbing to tighten straps to a firm and comfortable fit and slide keepers along the leg strap webbing to hold free webbing.

5 Adjust shoulder straps first to ensure that the rear dorsal dee is located between the shoulder blades in the centre of the back. Then adjust chest and leg straps to a firm fit, and slide webbing keepers along to hold free webbing in place.

6 When using the front attachment points, both loops must be connected as per AS/NZS 1891.1 - 2007

How to Assemble Buckles



Harness Selection Guide



STYLE	HARNESS BH01112	HARNESS BH01120	HARNESS BH01121	HARNESS BH01124	HARNESS BH01132	HARNESS BH01151	HARNESS BH01152
FRONT & REAR FALL ARREST POINTS	✓	✓	✓	✓	✓	✓	✓
SUITABLE FOR WORKING IN FALL RESTRAINT TECHNIQUE	✓	✓	✓	✓	✓	✓	✓
CAN BE USED WITH FALL ARREST ENERGY ABSORBING LANYARD INTEGRATED LANYARD	✓	✓	✓	✓	✓	✓	✓
CAN BE USED WITH A FALL ARREST INERTIA REEL	✓	✓	✓	✓	✓	✓	✓
CAN BE USED FOR WORK POSITIONING	✓	✓	✓	✓	✓	✓	✓
CONFINED SPACE RETRIEVAL / RESCUE LOOPS							
CERTIFIED TO AS/NZS 1891.1.2007	✓	✓	✓	✓	✓	✓	✓
RESTRAINED FALL & POLE STRAP SIDE D'S AT WAIST LEVEL	✓		✓				



HARNESSES BH02020	HARNESSES BH02030	HARNESSES BH02030-PAD	HARNESSES BH02051	HARNESSES BH04050	HARNESSES BH04055	HARNESSES BH05200	STYLE
✓	✓	✓	✓	✓	✓	✓	FRONT & REAR FALL ARREST POINTS
✓	✓	✓	✓	✓	✓	✓	SUITABLE FOR WORKING IN FALL RESTRAINT TECHNIQUE
✓	✓	✓	✓	✓	✓	✓	CAN BE USED WITH FALL ARREST ENERGY ABSORBING LANYARD INTEGRATED LANYARD
✓	✓	✓	✓	✓	✓	✓	CAN BE USED WITH A FALL ARREST INERTIA REEL
✓	✓	✓	✓	✓	✓	✓	CAN BE USED FOR WORK POSITIONING
✓	✓	✓	✓	✓	✓	✓	CONFINED SPACE RETRIEVAL / RESCUE LOOPS
✓	✓	✓	✓	✓	✓	✓	CERTIFIED TO AS/NZS 1891.1.2007
	✓	✓		✓	✓	✓	RESTRAINED FALL & POLE STRAP SIDE D'S AT WAIST LEVEL

Attachment Points and Applications



All B-Safe Harnesses are designed and manufactured to exceed the requirements of AS/NZS 1891.1 2007. Utilising only the finest components we have forged a hard earned reputation for the design, manufacture and supply of superior fall prevention and rescue equipment.

Beaver Brands have a broad range of Harnesses designed with the requirements of an end user in mind, allowing for maximum comfort and to ensure an even distribution of fall arrest forces.

Prior to the final inspection each product is individually proof loaded to 7.5KN (750Kg) to verify the integrity of the construction and configuration. All metal hardware used on B-Safe products are batch numbered, tested and fully traceable. It is this attention to detail that allows B-Safe to provide peace of mind to our valued clients.

Beaver Brands produces a wide range of specialty harnesses for a wide range of applications. For your convenience icons have been derived, to readily identify each harnesses' attachment points and its applications.



FREE FALL
ARREST



RETRIEVAL
CONFINED SPACES



RESTRAINED FALL
POLE STRAP



RESCUE



ROOFING



SCAFOLDING
& RIGGING



CONSTRUCTION
& MAINTENANCE



ELECTRICAL
UTILITIES



ELEVATED
WORK PLATFORM



LADDER
CLIMBING



TREE
SURGEON



TOWER
HARNES



ABSEILING

HARNESS BH01120



BH01120

Features

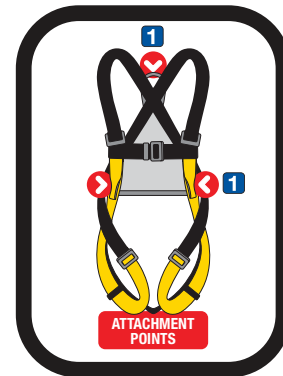
Lightweight and comfortable.
 Rear attachment point.
 Front attachment points.
 Fully adjustable leg, shoulder and chest straps.

Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops or rear Dee ring.

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.

Recovery & Rescue – Using both front loops connected together.



B-Safe Harnesses

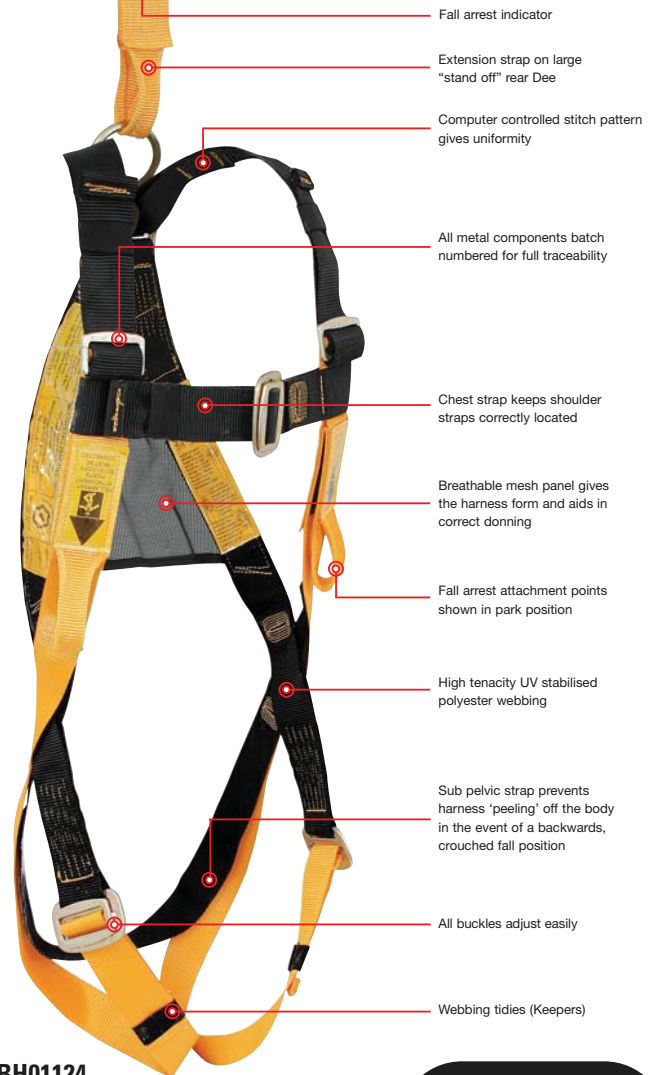


HARNESS BH01121



- Computer controlled stitch pattern gives uniformity
- All metal components batch numbered for full traceability
- Chest strap keeps shoulder straps correctly located
- Breathable mesh panel gives the harness form and aids in correct donning
- Fall arrest attachment points shown in park position
- High tenacity UV stabilised polyester webbing
- Adjustable waist belt, fitted with work positioning side Dees rings for working with pole straps
- Sub pelvic strap prevents harness 'peeling' off the body in the event of a backwards, crouched fall position
- All buckles adjust easily
- Webbing tidies (Keepers)

HARNESS BH01124



- Fall arrest indicator
- Extension strap on large "stand off" rear Dee
- Computer controlled stitch pattern gives uniformity
- All metal components batch numbered for full traceability
- Chest strap keeps shoulder straps correctly located
- Breathable mesh panel gives the harness form and aids in correct donning
- Fall arrest attachment points shown in park position
- High tenacity UV stabilised polyester webbing
- Sub pelvic strap prevents harness 'peeling' off the body in the event of a backwards, crouched fall position
- All buckles adjust easily
- Webbing tidies (Keepers)

BH01121

Features

Lightweight and comfortable.
Front & rear attachment points.
Side 'Dee' for work positioning.
Fully adjustable leg, shoulder and waist straps.

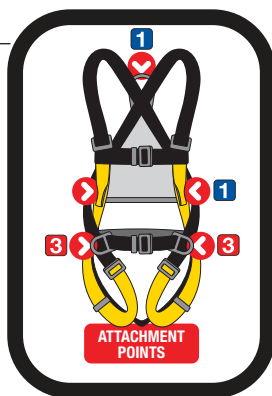
Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops or rear Dee ring.

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.

Work Positioning – Side Dees for use with a Pole Strap.

Recovery & Rescue – Using both front loops connected together.



BH01124

Features

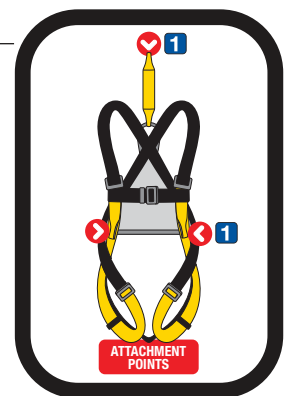
Lightweight and comfortable.
Rear attachment point with extension strap.
Front attachment loops.
Fully adjustable leg, shoulder and chest straps.

Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear Dee ring or rear extension.

Restraint Technique – Use in conjunction with energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.

Recovery & Rescue – Using both front loops connected together.



HARNESSES BH01132



HARNESSES BH01112



BH01132

Features

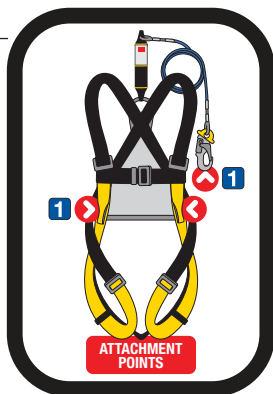
Lightweight and comfortable.
Comes complete with 2m wire energy absorbing lanyard permanently attached to the rear 'Dee' ring.
Fully adjustable leg, shoulder and chest straps.

Applications and Usage

Fall Arrest – Using the integrated energy absorbing lanyard on the rear Dee, an inertia reel device attached to the Rear Dee or front loops or a separate lanyard attached to the Front Loop

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.

Recovery & Rescue – Using both front loops connected together.



BH01112

Features

Lightweight general purpose harness
Comes complete with 2m energy absorbing lanyard permanently attached to the rear 'Dee' ring.
Fully adjustable leg, shoulder, chest and waist straps.

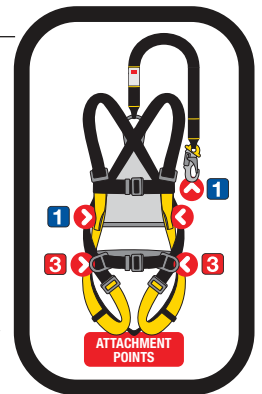
Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear Dee.

Restraint Technique – Using the integrated energy absorbing lanyard on the rear Dee or a separate lanyard attached to the front loops to limit access to fall situations.

Recovery & Rescue – Using both front loops connected together.

Work Positioning – Using side Dee rings connected with a Pole Strap.



B-Safe Harnesses



HARNESS BH01151



BH01151

Features

Lightweight and comfortable.
Comes complete with 2m web energy absorbing lanyard permanently attached to the rear 'Dee' ring.
Front attachment loops.
Fully adjustable leg, shoulder and chest straps.

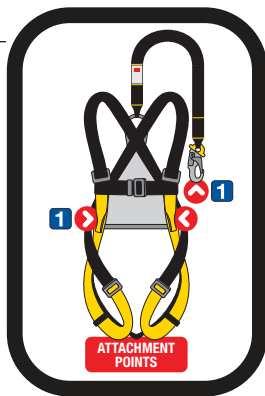
Applications and Usage

Fall Arrest – Using the integrated energy absorbing lanyard on the rear Dee, an inertia reel device attached to the rear Dee or front loops or a separate lanyard attached to the front loops.

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.

Recovery & Rescue – Using both front loops connected together.

Integrated Lanyard available with Scaffold Hook (BH01152)



HARNESS BH02020



BH02020

Features

Lightweight and comfortable.
Rear attachment 'Dee' ring with extension strap and load indicator.
Front & rear fall arrest attachment points.
Confined Space recovery loops on tops of shoulder.
Fully adjustable leg, shoulder and chest straps.

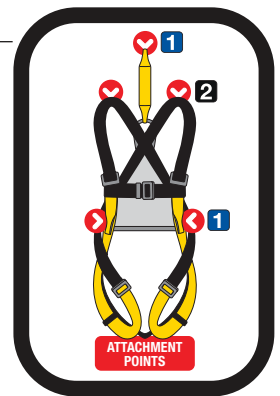
Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or rear Dee ring.

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring rear extension or front loops to limit access to fall situations.

Recovery & Rescue – Using both front loops connected together.

Confined Space – Rescue & recovery.



HARNESS BH02030



- Fall arrest indicator
- Extension strap on the large "stand off" rear Dee
- Computer controlled stitch pattern gives uniformity
- Confined Space tab / loops
- All metal components batch numbered for full traceability
- All buckles fully open for unhindered first aid
- Chest strap keeps shoulder straps correctly located
- Breathable mesh panel gives the harness form and aids in correct donning
- Fall arrest attachment points shown in park position
- Adjustable waist belt, fitted with work positioning side Dee rings
- High tenacity UV stabilised polyester webbing
- Sub pelvic strap prevents harness 'peeling' off the body in the event of a backwards, crouched fall position
- All buckles adjust easily
- Webbing ties (Keepers)

BH02030

Features

Lightweight and comfortable.
Rear attachment 'Dee' ring with extension strap and load indicator. Front fall arrest loops. Confined Space recovery loops on tops of shoulder.
Side 'Dee's for work positioning.
Fully adjustable leg, shoulder, chest and waist straps.

Applications and Usage

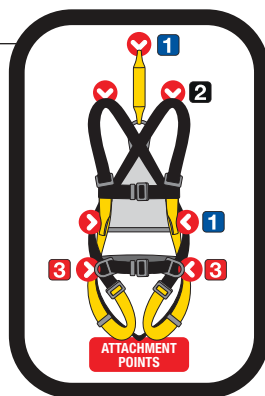
Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or Dee ring.

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.

Work Positioning – via side Dee's using a pole strap.

Confined Space – Rescue & recovery.

Recovery & rescue – Using both front loops connected together.



HARNESS BH02030PAD



- Fall arrest indicator
- Extension strap on the large "stand off" rear Dee
- Computer controlled stitch pattern gives uniformity
- Confined Space tab / loops
- All metal components batch numbered for full traceability
- All buckles fully open for unhindered first aid
- Chest strap keeps shoulder straps correctly located
- Breathable mesh panel gives the harness form and aids in correct donning
- Padded adjustable waist belt, fitted with work positioning side Dee rings
- Fall arrest attachment points shown in park position
- High tenacity UV stabilised polyester webbing
- Sub pelvic strap prevents harness 'peeling' off the body in the event of a backwards, crouched fall position
- All buckles adjust easily
- Webbing ties (Keepers)

BH02030PAD

Features

Lightweight and comfortable.
Rear attachment 'Dee' ring with extension strap and load indicator.
Confined Space recovery loops on tops of shoulder.
Side 'Dee's for work positioning.
Large back pad for user comfort and support.
Fully adjustable leg, shoulder and chest straps.

Applications and Usage

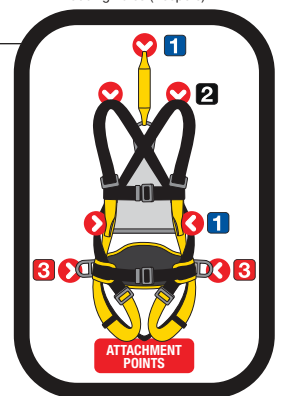
Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or rear Dee ring.

Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.

Work Positioning – via side Dees using a pole strap.

Confined Space – Rescue & recovery.

Rescue or Recovery – Using both front loops connected together.



B-Safe Harnesses

HARNESSES BH04055



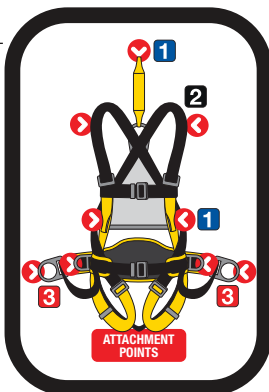
BH04055

Features

Built in padded back support.
 Built in bum strap.
 Rear 'Dee' ring rear connection on extension strap.
 Side 'Dee' rings for attachment devices.
 Fully adjustable leg, shoulder, waist and chest straps.

Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear Dee ring or rear extension.
Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.
Work Positioning – via side Dees using a pole strap.
Confined Space – Rescue & recovery.
Recovery & Rescue – Using both front loops connected together.



HARNESSES BH04050



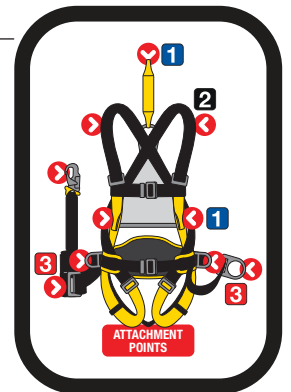
BH04050

Features

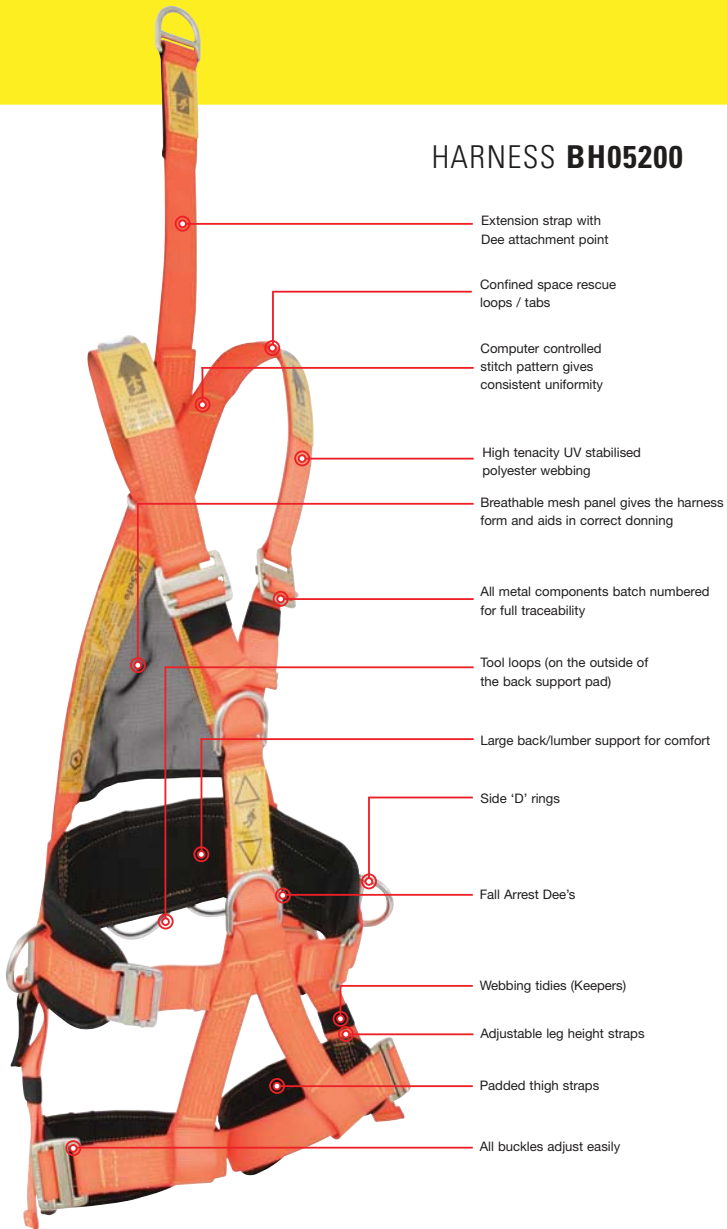
Built in padded back support.
 2.5m pole strap.
 Built in bum strap.
 Rear 'Dee' ring rear connection on extension strap.
 Side 'Dee' rings for attachment devices.
 Fully adjustable leg, shoulder, waist and chest straps.

Applications and Usage

Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or rear Dee ring.
Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.
Work Positioning – via side Dees using a pole strap.
Confined Space – Rescue & recovery.
Recovery & Rescue – Using both front loops connected together.



HARNESS BH05200



- Extension strap with Dee attachment point
- Confined space rescue loops / tabs
- Computer controlled stitch pattern gives consistent uniformity
- High tenacity UV stabilised polyester webbing
- Breathable mesh panel gives the harness form and aids in correct donning
- All metal components batch numbered for full traceability
- Tool loops (on the outside of the back support pad)
- Large back/lumber support for comfort
- Side 'D' rings
- Fall Arrest Dee's
- Webbing tidies (Keepers)
- Adjustable leg height straps
- Padded thigh straps
- All buckles adjust easily

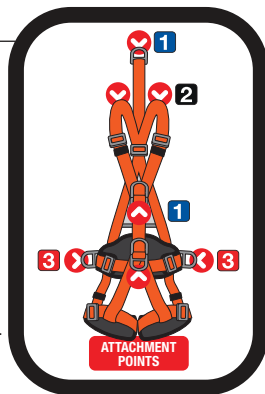
BH05200

Features

- Built in padded back support.
- Padded thigh straps.
- Tool Loops.
- Fall arrest rated attachment Dee incorporated onto long extension strap for ease of connection.
- Side 'Dee' rings. Front fall arrest Dees.
- Confined space recovery loops.
- Fully adjustable thigh, shoulder, and waist straps.

Applications and Usage

- Abseiling** – Use the front Fall Arrest Dee rings.
- Fall Arrest** – Use in conjunction with shock absorbing lanyard or inertia reel device attached to the front Dees or rear extension.
- Restraint Technique** – Use in conjunction with energy absorbing lanyard to front or rear attachment points.
- Work Positioning** – Use in conjunction with pole strap or adjustable lanyard attached to both side Dee rings.
- Confined Space** – Work in conjunction with shoulder loops and spreader bar.



Available with Stainless Steel fittings on request
 Also available in fire proof, cut resistant Nomex/Kevlar webbing



BA00024

Trauma Suspension Straps

For more information please see page 19



BA00005

Harness Shoulder Pads, for additional wearing comfort

BA00004L

Leg pads also available

For more accessories please see page 39

B-Safe's Miners Belts have been designed with simplicity and comfort in mind. A lightweight comfort pad provides good support while the battery and self rescue straps ensure attachment. Rear Dees are fitted as standard. Available in various sizes.

BM01000



Basic Miners Belt with Clip front buckle, tool straps on either side Rear 'Dee' and side 'Dee'.

BM02000



Miners Belt with Hi-Vis shoulder straps, clip front buckle, tool straps on either side, rear and front 'Dee'.

Suspension Trauma Straps

The Suspension Trauma Strap is only to be used in conjunction with a full body harness and is developed to extend the amount of time a person can be suspended after a fall.

Seek medical attention after a suspension, do not lie in a horizontal position, keep person in vertical position where possible.

Using any form of Fall Prevention equipment requires a clear understanding of the equipment, recommended uses and limitations that are part of any Life Saving equipment. Refer to AS/NZS 1891.4 which gives guidelines to understand Fall Prevention systems and guidance to the correct selection of equipment.



Energy Absorbing Lanyards



Energy Absorbing Lanyards are tested to AS/NZS1891.1 2007 and are proven to reduce forces in a free fall arrest situation to below 6kN. Available in various lengths and different configurations to suit various applications. (Available in webbing, rope and PVC coated wire)

Webbing Lanyards

Part Number	Description	Material	Length	Attachment Hardware
BL01112	Energy Absorbing Lanyard	45mm Polyester Webbing	2.0m	2x BSM0007 Snap Hook
BL01111.5	Energy Absorbing Lanyard	45mm Polyester Webbing	1.5m	2x BSM0007 Snap Hook
BL01111.2	Energy Absorbing Lanyard	45mm Polyester Webbing	1.2m	2x BSM0007 Snap Hook
BL01111	Energy Absorbing Lanyard	45mm Polyester Webbing	1.0m	2x BSM0007 Snap Hook
BL01122	Energy Absorbing Lanyard	45mm Polyester Webbing	2.0m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL011121.5	Energy Absorbing Lanyard	45mm Polyester Webbing	1.5m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL01332	Energy Absorbing Lanyard	45mm Polyester Webbing	2.0m	2x BSK0001 Karabiner
BL01331.5	Energy Absorbing Lanyard	45mm Polyester Webbing	1.5m	2x BSK0001 Karabiner
BL01331.2	Energy Absorbing Lanyard	45mm Polyester Webbing	1.2m	2x BSK0001 Karabiner

Options also available with Triple action Karabiners



BL01112

Rope Lanyards

Part Number	Description	Material	Length	Attachment Hardware
BL02112	Energy Absorbing Lanyard	11mm Kermantle Rope	2.0m	2x BSM0007 Snap Hook
BL02111.5	Energy Absorbing Lanyard	11mm Kermantle Rope	1.5m	2x BSM0007 Snap Hook
BL02111.2	Energy Absorbing Lanyard	11mm Kermantle Rope	1.2m	2x BSM0007 Snap Hook
BL02122	Energy Absorbing Lanyard	11mm Kermantle Rope	2.0m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL02121.5	Energy Absorbing Lanyard	11mm Kermantle Rope	1.5m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL02332	Energy Absorbing Lanyard	11mm Kermantle Rope	2.0m	2x BSK0001 Karabiner
BL02331.2	Energy Absorbing Lanyard	11mm Kermantle Rope	1.2m	2x BSK0001 Karabiner

Options also available with Triple action Karabiners



BL02112

Energy Absorbing Lanyards



Wire Rope Lanyards

Wire Rope Lanyards are ideal for use in hot works and when working in other adverse conditions.

Part Number	Description	Material	Length	Attachment Hardware
BL03112	Energy Absorbing Lanyard	PVC coated wire	2.0m	2x BSM0007 Snap Hook
BL03111.5	Energy Absorbing Lanyard	PVC coated wire	1.5m	2x BSM0007 Snap Hook
BL03111.2	Energy Absorbing Lanyard	PVC coated wire	1.2m	2x BSM0007 Snap Hook
BL03111	Energy Absorbing Lanyard	PVC coated wire	1.0m	2x BSM0007 Snap Hook
BL03122	Energy Absorbing Lanyard	PVC coated wire	2.0m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL03121.5	Energy Absorbing Lanyard	PVC coated wire	1.5m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL03332	Energy Absorbing Lanyard	PVC coated wire	2.0m	2x BSK0001 Karabiner
PSL065Kev	Kevlar Sleeve	Kevlar		NONE

Options also available with Triple action Karabiners



BL03112

Adjustable Lanyards

B-Safe's range of adjustable lanyards are proven to be effective in affording convenient adjustment to a lanyard length, allowing a reduction in the free fall distance.

Part Number	Description	Material	Length	Attachment Hardware
BL01112-ADJ	Energy Absorbing Adjustable Lanyard	45mm Polyester Webbing	2.0m	2x BSM0007 Snap Hook
BL01122-ADJ	Energy Absorbing Adjustable Lanyard	45mm Polyester Webbing	2.0m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL01442-ADJ	Energy Absorbing Adjustable Lanyard	45mm Polyester Webbing	2m	2x BSM0006 Triple Action Karabiner
BL02772A	Energy Absorbing Adjustable Lanyard	11mm Kermantle Rope	2m	2x BSK0005 Pear Screw Gate Karabiner
BL02402A	Energy Absorbing Adjustable Lanyard	11mm Kermantle Rope	2m	2x BSM0006 Triple Action Karabiner
BL02332A	Energy Absorbing Adjustable Lanyard	11mm Kermantle Rope	2.0m	2x BSK0001 Screw Gate Karabiner



BL01122



Webbing & Elasticised Lanyards

Twin lanyard permits the user to move around to different anchoring points being attached at all times. All the rules regarding the use of energy absorbing lanyards must be maintained. (Available in webbing, rope & PVC coated wire)

B-Safe also provides a range of lanyards fitted with triple action karabiners.

Part Number	Webbing Lanyards - Twin Leg
BL041111	1m Webbing Twin Access Energy Absorbing Lanyard c/w 3 x BSM0007
BL041111.5	1.5m Webbing Twin Access Energy Absorbing Lanyard c/w 3 x BSM0007
BL041112	2m Webbing Twin Access Energy Absorbing Lanyard c/w 3 x BSM0007
BL04221.2	1.2m Webbing Twin Access Energy Absorbing Lanyard c/w BSM0007 & 2 x BSM0008
BL04221.5	1.5m Webbing Twin Access Energy Absorbing Lanyard c/w BSM0007 & 2 x BSM0008
BL04222	2m Webbing Twin Access Energy Absorbing Lanyard c/w BSM0007 & 2 x BSM0008
BL04322	2m Webbing Twin Access Energy Absorbing Lanyard c/w BSK0001 & 2 x BSM0008
BL044221.5	1.5m Webbing Twin Access Energy Absorbing Lanyard c/w BSK0006 & 2 x BSM0008
BL044442	2m Webbing Twin Access Energy Absorbing Lanyard c/w 3 x BSK0001
Part Number	Elasticised Lanyards - Single Leg
BL07111	1m Elasticised Energy Absorbing Lanyard c/w 2 x BSM0007
BL07111.5	1.5m Elasticised Energy Absorbing Lanyard c/w 2 x BSM0007
BL07112	2m Elasticised Energy Absorbing Lanyard c/w 2 x BSM0007
BL07122	2m Elasticised Energy Absorbing Lanyard c/w 1 x BSM0007 & 1 x BSM0008
BL07661.4	1.4m Elasticised Fluoro Yellow Energy Absorbing Lanyard c/w 2 x BSM06650
BL07662	2m Elasticised Violet Energy Absorbing Lanyard c/w 2 x BSM06650
Part Number	Elasticised Lanyards - Twin Leg
BL071112	2m Elasticised Twin Access Lanyard c/w BSM0007 all ends
BL071221.5	1.5m Elasticised Twin Access Lanyard c/w BSM0007 & 2 x BSM0008
BL07222	2m Elasticised Twin Access Lanyard c/w BSM0007 & 2 x BSM0008
BL073222TC	2m Elasticised Twin Access Lanyard c/w BSK0002TC & 2 x BSM0008
BL073332TC	2m Elasticised Twin Access Lanyard c/w BSK0002TC all ends
BL076222	2m Elasticised Twin Access Lanyard c/w BSM06650 & 2 x BSM0008
Part Number	Elasticised Lanyards - Single Leg c/w Triple Action Karabiners
BL07332TC	2m Elasticised Energy Absorbing Lanyard c/w 2 x BSK0002TC
Part Number	Elasticised Lanyards - Twin Leg c/w Triple Action Karabiners
BL073322TC	2m Elasticised Twin Access Lanyard c/w BSK0002TC & 2 x BSM0008
BL073332TC	2m Elasticised Twin Access Lanyard c/w BSK0002TC all ends
Part Number	Webbing Lanyards c/w Triple Action Karabiners
BL01441.5	1.5m Webbing Energy Absorbing Lanyard c/w BSK0006 each end
BL01442	2m Webbing Energy Absorbing Lanyard c/w BSK0006 each end
BL01662K	2m Kevlar Webbing Energy Absorbing Lanyard c/w BSK0006 each end
BL01882	2m Webbing Energy Absorbing Lanyard c/w BSK0002TC Karabiner each end
Part Number	Twin Access Webbing Lanyards c/w Triple Action Karabiners
BL044221.5	1.5m Webbing Twin Access Energy Absorbing Lanyard c/w BSK0006 & 2 x BSM0008
BL044442	2m Webbing Twin Access Energy Absorbing Lanyard c/w 3 x BSK0006
BL043332TC	2m Webbing Twin Access Energy Absorbing Lanyard c/w 3 x BSK0002TC



BL04222

BL07222



BL07662

BL07112

Roofers Kits (For use in all domestic commercial and industrial roof working applications)

BK061015 Roofers Kit – 15m rope, manual rope adjuster, 2m energy absorbing lanyard and full body harness.



Kit Components:

BH01120 Harness
BL01112 2m energy absorbing Lanyard
BS010115A Rope and Grab

BP03101.5 Attachment Strap
BSK0001 Karabiner

BK061215 Roofers Kit – 15m rope, manual rope adjuster, 450mm energy absorber and full body harness.



Kit Components:

BH01120 Harness
BL01000 pack
BS010115A Rope and Grab

BP03101.5 Attachment Strap
BSK0001 Karabiner

BK061515 Roofers Kit with Retracting Lanyard – 15m rope, manual rope grab, tie of equipment and full body harness. 25m Retracting Lanyard.



Kit Components:

BH01120 Harness
BL05332.5 Retracting Lanyard
BS010115A Rope and Grab

BP03101.5 Attachment Strap
BSK0001 Karabiner

BK071000 Executive Height Safety Kit – suitable for the occasional user to have all necessary safety equipment to work at heights.



Kit Components:

BH02030 Harness
BL05332.5 Retracting Lanyard
BP03001.5 Tie Off Adaptor

BK072000 Construction Height Safety Kit



Kit Components:

- BH01120 Harness
- BL01112 S/A Lanyard
- BFK08 140mm Manulink

BK073000 Electrical Safety Kit –
for users involved in tower, pole, or electrical work.



Kit Components:

- BH05200 Harness
- BL05332.5 Retracting Lanyard
- BP02112.5 Pole Strap
- BP03102 Attachment Strap

B-Safe Life Saver Rescue Kits

Rescue kits for EWP's, pole top rescue, towers, construction cranes, overhead cranes and forklifts.

BFMRD820



BFMRGH1120C



BFMRD820

Rope friction descender on 11mm Blue kernmantle rope – lengths available 15m, 20m*, 25m, 30m and 40m. *stocked size

BFMRG1120C

Automatic descender, for easy use descents, rope lengths – Standard 20m with other lengths available.

BFMRGH1120C

Automatic descender, with a recovery handle to be able to wind the person back. Standard 20m with other lengths available.

BFMRG1130

Automatic descender in bag. (Not shown)

BFMRG1120C



Pole Straps & Adjustable Lanyards



Pole Straps

Pole Straps are traditionally used by power workers when locating themselves on a power or telephone pole or Tower so that they can work hands free and be retained safely in the work area.

The pole strap is designed to fully restrain the user so that there is no chance of any free fall component in the system. They are used by attaching to either side of a harness at the waist belt and going around the pole over a cross brace so that they cannot slide down. This then permits the user to work in a safe and retained location.

Code	Description
BP02111.5	1.5m Pole strap, wear sleeve, double action hooks, adjustable
BP02112	2m Pole strap, wear sleeve, double action hooks, adjustable
BP02112.5	2.5m Pole strap, wear sleeve, double action hooks, adjustable
BP02113	3m Pole strap, wear sleeve, double action hooks, adjustable
BP02113.5	3.5m Pole strap, wear sleeve, double action hooks, adjustable

* Other lengths available for special applications.

BP02112 2m Pole Strap



Retracting Web Lanyard BL05332.5

B-Safe self retracting lanyard allows mobility up to 2.5 metres. Features a webbing guide to prevent twisting and a tough, impact resistant plastic case. Comes complete with 2 karabiners, and an intergral energy absorber.

Also available with BSK0002TC Triple action karabiner.

Retractable Lanyards - Type 2 fall arrest devices

Code	Description
BL05332	2m Retracting Lanyard c/w Oval Double action karabiner each ends
BL05332.5	2.5m Retracting Lanyard c/w Oval Double action karabiner each ends
BL05332.5TC	2m Retracting Lanyard c/w Triple action Karabiners each end.



BP05332



B-Safe 316 Grade Stainless Steel Points

Rated at 22kN B-Safe anchor points are designed as permanent purlin mounted anchors. Affording quick and easy installation, B-Safe Anchors are suitable for commercial, industrial and residential applications. It is important to ensure the structure, to which any anchor is installed, has sufficient strength (refer AS/NZS1891.4) to sustain any applied load.

Low Profile Anchor Bolts

BSC5006MRLP Suitable for large flat pan roof profiles



BSC5006OLP Suitable for corrugate profiles



BSC5006LSLP Suitable for long span profiles



BSL5006A Angle bracket for timber rafter eyebolt installation



BSL5000 Temporary roof anchor bracket



BSL5008 Concrete Anchor
16mm with 150mm thread length
(not supplied with chemical)



Standard Profile Anchor Bolts

BSC5006MR Suitable for large flat pan roof profiles



BSC5006O Suitable for corrugate roof profiles



BSC5006LS Suitable for long span roof profiles



BSC5006T Suitable for tile roofs with timber rafters



BSL5006L Anchor point label



BSL5026 Ladder Access Bracket



All eyebolts can be colour matched to standard roof colours. Please refer to B-Safe Anchor Bolt Technical Manual for fitting instructions and ratings.

Fall Prevention & Rescue Equipment



To comply with the requirements of AS/NZS1891.1 all hooks and karabiners used within height safety systems must have the following features:

- Be self closing
- Requires two deliberate actions to open
- Be rated in excess of 20kN

BSK0002TC Steel Triple-lock Karabiner
c/w Retaining Pin
Minimum breaking load 35kN



BSM0007 Double Action hook with safety guard to prevent accidental opening of second action
Minimum breaking load 23kN
Gate Opening: 19mm



BSM0007A Alloy Double Action hook with safety guard to prevent accidental opening of second action
Rated to 22.5kN
Gate Opening: 20mm



BSK0001 Screwgate Steel Karabiner
Minimum breaking load 23kN
Gate Opening: 16mm



BSK0011 Alloy Screwgate Karabiner
Rated to 30kN
Gate Opening: 22mm



BSK0005 Steel Screwgate Karabiner
Rated to 42kN
C/W Retaining Pin
Gate Opening: 26mm



BSK0012 Alloy Screwgate Karabiner
Rated to 27kN
Gate Opening: 23mm



BSK0006 Steel Triplelock Karabiner
Rated to 50kN
Gate Opening: 27mm
Also available in stainless steel



BSK0013 Alloy Triplelock Karabiner
Rated to 30kN
Gate Opening: 27mm



BSM0008 Steel Double Action Scaffold Hook
Minimum breaking load 23kN
Gate Opening: 55mm



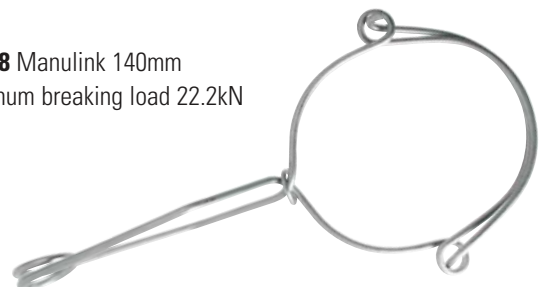
BSM0008A Alloy Double Action Scaffold Hook
Rated to 22.2kN
Gate Opening: 60mm



BSK0015 Steel Twist Lock Scaffold Hook
Karabiner
Rated to 22kN
C/W Retaining Pin
Gate Opening: 56mm



BFK08 Manulink 140mm
Minimum breaking load 22.2kN



Confined Spaces Equipment



Confined Spaces are regarded as hazardous areas and special precautions are required when entering these areas. Methods by which to access the confined space may be difficult and the hazards encountered can change the situation very quickly. The ability of the stand-by operator to remove or recover a person quickly is necessary and the advantages of mechanical equipment enable one person to do this with relative ease. The B-Safe range of confined spaces equipment provides stability, ease of operation and speed together making the workplace a safe area to work in.



BR02001K Tripod – 2.2m to 3m height, fully adjustable legs, alloy construction, spring locking leg pins, pulley wheel in head, rated to 200kg.



BFHRA15P in BR02001B mounting bracket – bracket used to mount recovery inertia reel on tripod leg for davit arm use BCS0016.



BR02055 – 15m rope recovery system with auto braking mechanism, longer rope lengths available.



Davit Arm and Bollard **BCS0010, BCS0014, Base BCS0012** – for entry to confined spaces, 600kg rated, 1200mm reach, 1800mm lift height.



Davit Arm and Bollard - Free Standing Base **BCS0010, BCS0014, Base BCS0026** – Wide free standing base for large confined space openings. Rotation through 180 degrees.



BCS0012 – Bolt down base plate, base plate can be secured to various surfaces with 16mm bolts, fittings not supplied.



Folded down vehicle system

Davit Arm fitted to vehicle tray **BCS0010, BCS0014, Base BCS0012** – When a portable removable lifting equipment is required on a vehicle tray



BCS0022 – Drop in base plate, plate can be dropped into pre drilled holes for instant use. Other style davit arm/bollard mountings available.

Temporary Horizontal Safety Lines



Webbing Temporary Life Lines

An easily installed 20m webbing temporary lifeline provides the operator the benefit of horizontal mobility. The UV stabilised heavy duty webbing is tensioned by a ratchet, with any spare webbing stored in the attached carry bag. Lightweight, easy to handle and its versatility make the B-Safe Temporarily Horizontal lifeline ideal for general construction, maintenance and contractors where the worksite is constantly evolving.

Web Temp Life Line **BK040020** – Suitable for 1 person



Web temp Life Line **BK040120** – Suitable for 1 person, complete with tie off equipment. Easily installed and tensioned



Web temporary life line, ratchet tensioning method.

Rope Temporary Life Line

A temporary horizontal rope lifeline provides the operator the benefit of horizontal mobility. Easily tensioned this rugged yet lightweight system is easy to install and suitable for general construction, maintenance and contractors where the work conditions may vary day to day. Rated for two (2) operators.*

* Conditions apply



BK030030 – 30m length

BK030040 – 40m length

BK030050 – 50m length



Rope temporary life line being installed and tensioned.



Vertical Safety Lines



Vertical Safety Lines can be set up on a temporary or permanent basis. The purposes of these lines are for climbing structures and being attached whilst climbing or traversing the structure. It is important that the top attachment point is suitable for the application and rated accordingly. When taking the line off the direct vertical position, users have to be aware of the possible pendulum effect should a slip or fall occur. The safety line should be used under tension between the anchor and the rope grab device so that the fall distance is limited to the operational speed of the rope grab. Various versions of the rope grab are available, types that slide on the end of the rope and require manual releasing to descend and automatic openable devices that will freely travel up and down the rope.



Length and rope diameter	Rope only – double action hook one end	Rope with double action hook one end and manual rope grab
11mm Kernmantle – 5m	BS010105	BS010105A
11mm Kernmantle – 10m	BS010110	BS010110A
11mm Kernmantle – 15m	BS010115	BS010115A
11mm Kernmantle – 20m	BS010120	BS010120A
11mm Kernmantle – 25m	BS010125	BS010125A
11mm Kernmantle – 30m	BS010130	BS010130A
11mm Kernmantle – 40m	BS010140	BS010140A
11mm Kernmantle – 50m	BS010150	BS010150A
16mm Polyester – 20m	BS030120	BS030120A



BSM0012 manual rope grab
11mm rope



BSM0016B manual rope grab
16mm rope



BSM0016 Auto Openable
with parking features
rope grab 16mm rope



BSM500A Rocker Auto openable
11mm rope

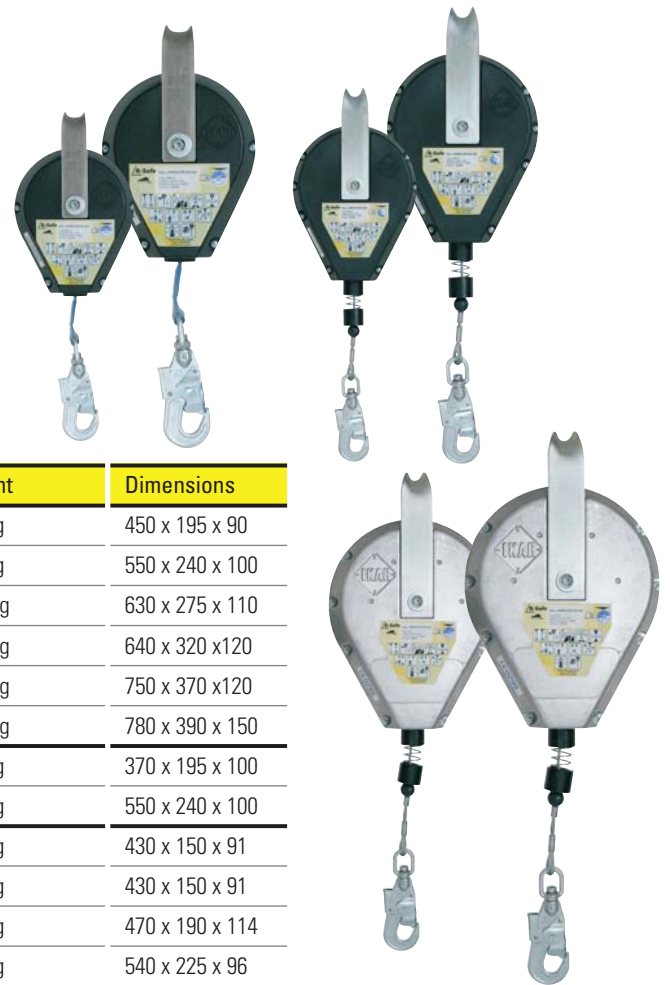
Other styles are available

IKAR robusto according to DIN EN 360

Housing design: Plastic or aluminium
Connective device: Webbing strap or galvanized steel rope

Sturdy, lightweight, low maintenance, self retracting inertia reel with either web straps or galvanised steel rope. Lightweight plastic housing or aluminium housing with rotational hook. Rotational hook prevents strap on wire rope from twisting within the housing.

IKAR fall protection systems feature a very high safety standard and worldwide proven technology.



Type Order no.	Connecting Device	Housing	Weight	Dimensions
H 12	12.00 m Steelrope	Aluminium	5.9 kg	450 x 195 x 90
H 18	18.00 m Steelrope	Aluminium	9.5 kg	550 x 240 x 100
H 24	24.00 m Steelrope	Aluminium	13.5 kg	630 x 275 x 110
H 33	33.00 m Steelrope	Aluminium	18.0 kg	640 x 320 x 120
H 42	42.00 m Steelrope	Aluminium	27.2 kg	750 x 370 x 120
H 60	60.00 m Steelrope	Aluminium	38.0 kg	780 x 390 x 150
H 7	7.00 m Web	Plastic	2.9 kg	370 x 195 x 100
H 14	12.00 m Web	Plastic	4.4 kg	550 x 240 x 100
HPS 5	5.00 m Steelrope	Plastic	2.9 kg	430 x 150 x 91
HPS 6	6.00 m Steelrope	Plastic	3.0 kg	430 x 150 x 91
HPS 12	12.00 m Steelrope	Plastic	4.6 kg	470 x 190 x 114
HPS 18	18.00 m Steelrope	Plastic	6.7 kg	540 x 225 x 96

Housing design: Plastic or aluminium
Connective device: Webbing strap or galvanized steel rope

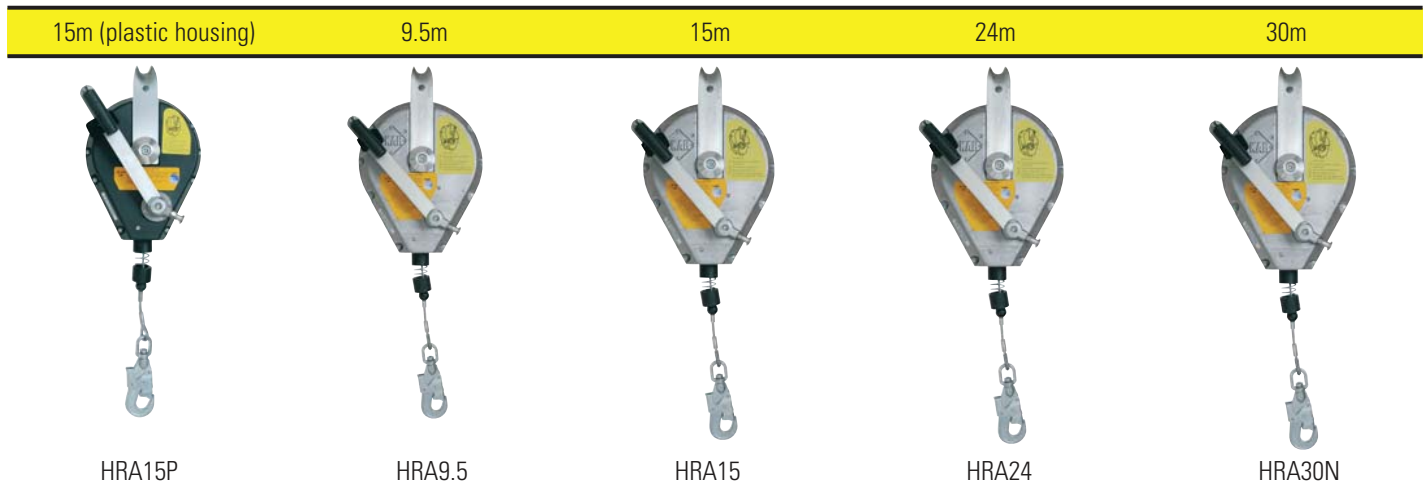
Sturdy, low-maintenance height-safety device with webbing strap and galvanized steel rope, extra light plastic housing or with aluminium housing and rotational hook suspension. The rotational hook prevents the strap or rope from twisting.

Type Order no.	Connecting Device	Housing	Weight	Dimensions
HWB 2	2.00 m Web	Aluminium	0.8 kg	240 x 84 x 61
HWB 2,5	2.50 m Web	Aluminium	1.2 kg	315 x 123 x 75
HWB 3,5	3.50 m Web	Aluminium	1.4 kg	315 x 123 x 75
HWPB 3,5	3.50 m Web	Plastic	1.2 kg	326 x 104 x 78
HWPB 5,5	5.50 m Web	Plastic	1.5 kg	300 x 130 x 78
HWPB 7	7.00 m Web	Plastic	1.8 kg	300 x 145 x 80
HWPB 9	9.00 m Web	Plastic	2.3 kg	335 x 167 x 88
HWPB 12	12.00 m Web	Plastic	3.4 kg	370 x 195 x 95
HWPB 15	15.00 m Web	Plastic	4.8 kg	400 x 195 x 95
HWS 4,5	4.50 m Steelrope	Aluminium	2.7 kg	400 x 130 x 78
HWS 6	6.00 m Steelrope	Aluminium	3.0 kg	400 x 145 x 80
HWS 9	9.00 m Steelrope	Aluminium	3.7 kg	455 x 160 x 85



Ikar Recovery Inertia Reels are a combination unit that operates as a normal inertia reel until such time as the raising and lowering capabilities are required. To engage the raising or lowering, the operator pulls out the release pin which then engages the manual mechanism. The gearing of the device is 15:1 which means that a lot of effort is not required to raise or lower. Available with plastic housing in 15m lengths, also available in aluminium housing from 9.5m up to 60m.

Recovery Inertia Reels (Aluminium Housing, unless stated)



*Also available 42m HRA42 & 60m HRA60

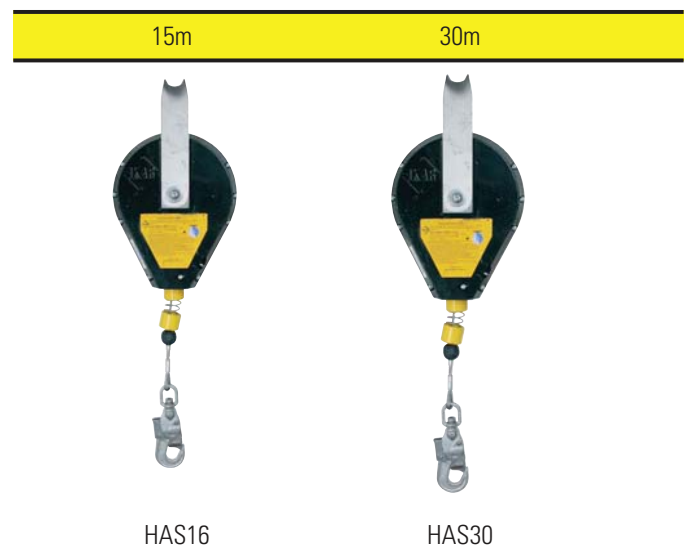
Special Recovery Inertia Reel (Aluminium Housing)

These inertia reels again operate as a normal inertia reel however they are specifically designed for being located well above the area to be used and has a chain drive for the raising and lowering operations. The engagement for the raising and lowering operation is a drop cord so that it is a simple method by which the mechanism is operated.



Automatic Lowering Inertia Reels (Aluminium Housing)

These inertia reels are for use when rescue/recovery operations pose a great risk, and the device operates as a normal inertia reel with the added advantage of once arresting the fall, will safely lower the person to the ground. (Must be used when no hazardous objects are below the user.) Recommended uses: Communication towers, power towers, water towers etc.



Uniline 16mm Synthetic Cable Engineered Safety System

Ideal for industrial, construction and specialist application.

- 16mm cable with a minimum breaking strength of 7600kg
- Uni-16 can achieve spans up to 50m reducing the number of structural penetration
- The need for fewer anchors protects the integrity of the structure
- ‘Soft drop’ benefits for the user in the event of a fall
- Non-abrasive cable, protects roof or fascia finishes during installation
- Patented cable terminations allow use as an adjustable temporary solution
- Ease of repair following a fall



Uniline 8mm Stainless Steel Engineered Safety System with surface mounted Force Management Posts.

Uni-8

Ideal for new building projects and refurbishments, and a roof with a low pitch. Uni-8 offers customers a cost effective solution and is particularly effective when combined with Force Management Roof Anchors.

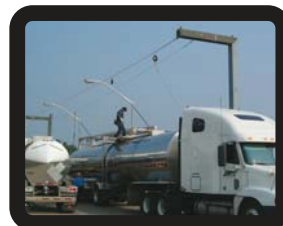
- 8mm SS cable with a minimum breaking strength of 3800kg
- SS 316 Grade fittings
- Load re-orientating intermediate brackets protect the attachment structure
- In line energy absorbers reduce loads in the event of a fall and further protect the attachment structure
- Span of up to 12m between support



Uni-8 Overhead

Ideal for industrial applications where there is minimal ground clearance and the anchorage point needs to be above the users head.

- 8mm SS cable with a minimum breaking strength of 4200kg
- Single span or multi span use
- Up to 30m spans between brackets, reducing the need for structure support
- Energy absorbers reduce structural loading



Unirail

Uniline Unirail Horizontal Safety System

Unirail System is a rigid, extruded aluminium rail system that provides an extremely aesthetically pleasing and functional solution to modern fall prevention problems.

Suitable for

- Multiple users
- Can be used as fall restraint, fall arrest and abseiling
- Can be bent/curved in both axis
- No cable deflection calculations required in fall clearance
- Easy fixing methods to solid structural surfaces, and in any orientation

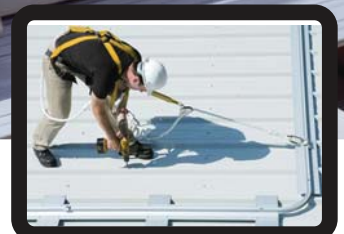


Roofsafe

Uniline Unirail Roof Mounted Safety System

Roofsafe is the only direct to roof rail system that can facilitate changes in direction and roof slopes, eliminating the need for messy looking swing fall posts, anchor points and ropes.

- Multiple users
- Can be used as fall restraint, fall arrest and abseiling
- Can be bent/curved in both axis
- No cable deflection calculations required in fall clearance
- Fixing to metal roof sheeting using rivets, makes installation very simple and fast surface mounted



Vertical Ladder and Tower Safety Systems



B-Safe offer a vertical ladder and tower safety systems to suit many applications. Our safety systems are multi fit options, so that installation to any vertical structure is possible.

The B-Safe Vertical Safety System Conforms to AS/NZS1891.2:2001

B-Safe Perfect Style Ladder System

B-Safe 8mm Cable Grab, also available in 10mm

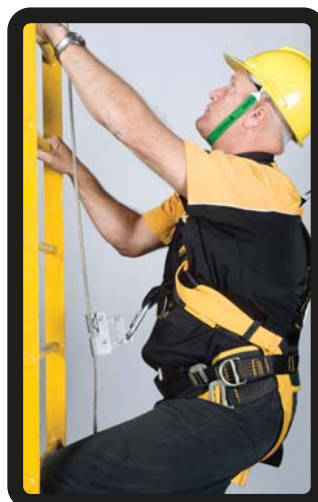
Code	Description
BLSA001	Ladder System Shock Absorber
BSTB001G	Top Ladder Bracket - Standard Mount Galvanised
BTTB2500G	Top Ladder Bracket - Extended Mount (2.5mm) - Galvanised
BSB001G	Bottom Ladder Bracket - Galvanised. c/w wire rope grip
BSL1008	8mm Vertical Wire Rope Grab S/S 27KN
BSL1010	10mm Vertical Wire Rope Grab S/S 27KN
BP03300.15	150mm Web Loop for use from wire rope grab to front loops of harness when ladder system is installed on the side or style of the ladder.
BBD001SS	Budget Top Ladder Bracket - Stainless Steel - clamps to style.
BBT001SS	Budget Bottom Ladder Bracket - Stainless Steel c/w wire ropes grips
BSC080C	8mm 7x7 Stainless Steel Cable - per m
BLI001	Intermediate Ladder Brackets - required every 8m or less if installed in windy outdoor sites

The B-Safe Cable grab operates quickly to reduce Fall Arrest loads on the person and on the structure the system is fitted.

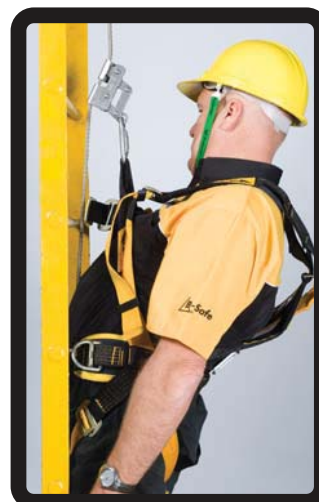
The user is then able to reposition themselves on the ladder and continue.

The B-Safe Vertical Safety System is Manufactured by Beaver Brands Pty Limited and conforms to AS/NZS 1891.2 (2001)

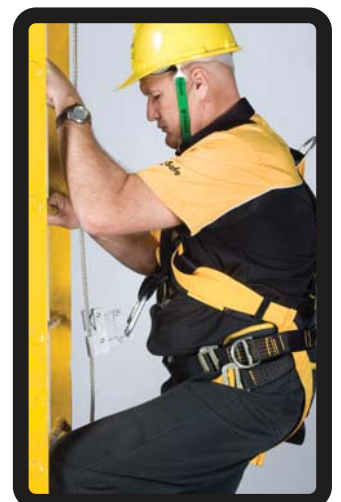
B-Safe Intermediate Cable support rung mounted bracket, used to prevent excessive cable movement



When climbing ladder, cable grab follows user



If user falls, cable grab locks



When descending ladder, cable grab follows user

Automatic Descenders

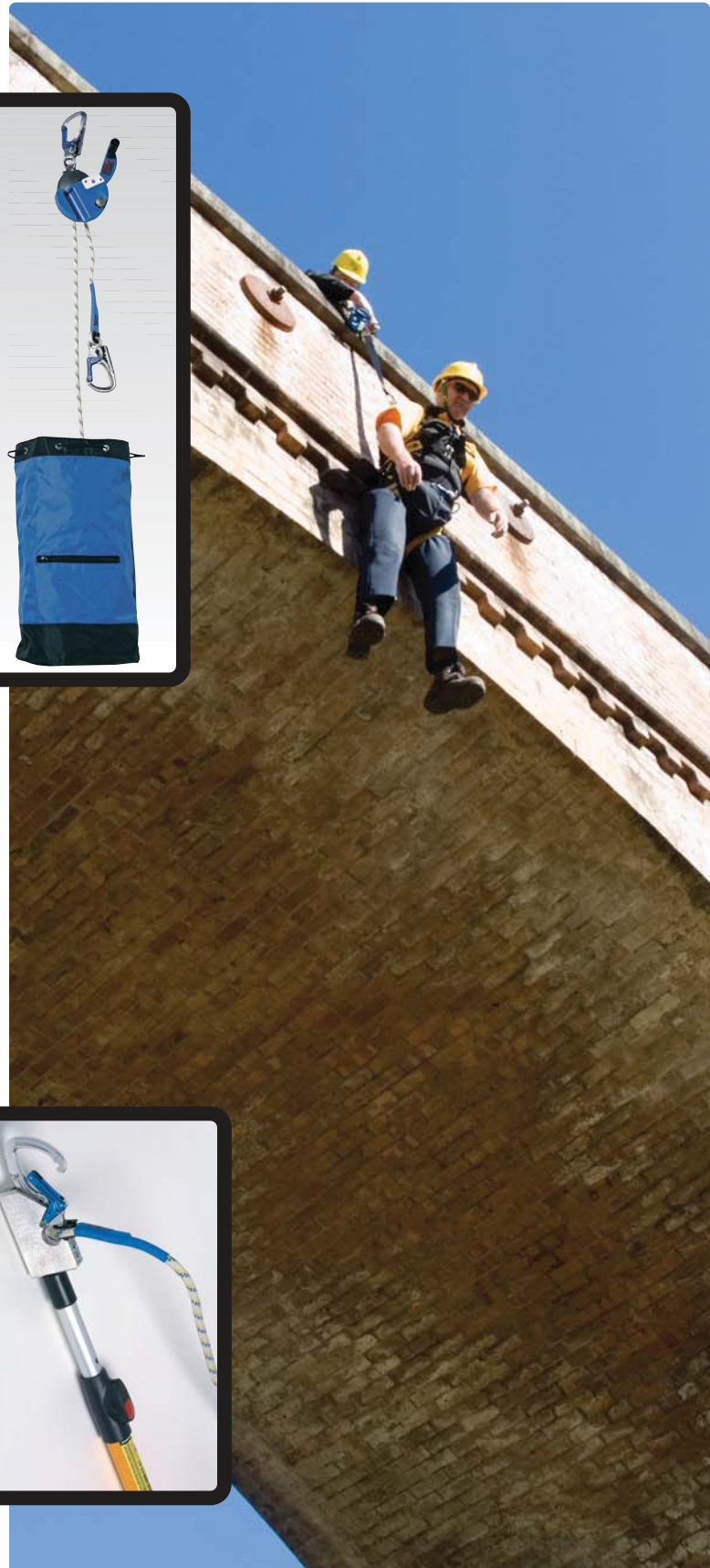
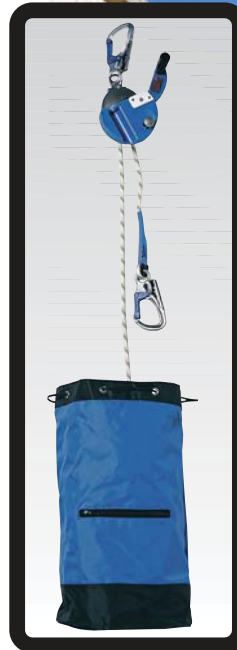
When emergency evacuation or escape from heights is required, then this can be achieved with ease using an Automatic Descender. Once attached to the unit, a person can descend to the ground safely without having the concern of having to operate the equipment. These devices are extremely useful when dealing with a number of untrained or inexperienced people as knowledge of how the equipment works is not required. Once the unit is set up on the required certified anchor or attachment point, it is then a simple matter of attaching the hook to a descending or full body harness and then the device controls the descent speed of the user to a lower level.

The descent speed is 0.8m per second which is slower than jumping from a chair.

The automatic descenders come with either 15m, 30m or 60m of rope, but can be supplied with rope lengths to suit the customer.

The unit has hooks on both ends of the rope and can be used in either direction. When multiple escapes need to be made this means that as one person is descending the second hook is coming up to the top level to be used by the next person.

The Automatic Descender can also come with a rewind handle and be used to raise a person. This is extremely valuable when a person has fallen over an edge and needs to be recovered quickly. The equipment is set up above the suspended person and the hook is lowered to them for attachment to the front rescue loops of a full body harness. The rescuer then winds the handle and raises the suspended person far enough to release the load on the fall arrest lanyard. Once the suspended person has been released the rescuer can then automatically lower the fallen person to the ground. This means that the rescuer is placed in very little danger.



Code	Description
BFMRG1115	Automatic descender 15m rope length
BFMRG1130	Automatic descender 30m rope length
BFMRG1160	Automatic descender 60m rope length
BFMRGH1115	Automatic descender with re-wind handle 15m rope length
BFMRGH1130	Automatic descender with re-wind handle 30m rope length
BFMRGH1160	Automatic descender with re-wind handle 60m rope length
BCS0045	Rescue Pole – 2.4 metres extending to 3.8 metres

Note: Rope lengths on both automatic and re-wind descenders can be manufactured to suit customers requirements.

The ability to rescue a fallen person is required on any site where persons are working at height. It is often forgotten that the reason people wear harnesses is to prevent them from falling however these serious incidents can occur. It is every employers responsibility to ensure that if a person does suffer a fall and is suspended in a harness that they must be able to recover them as quickly as possible. In this event it is also important that the rescuers are not put in further danger to carry out the rescue. The BFMRGH piece of equipment and the rescue pole provide for this by not adding to the hazardous situation by putting the rescuer in any danger. The device is designed to be able to reach the suspended person with an open double action hook and attach this to the suspended person through the rear Dee of the harness. This means that if the suspended person is unconscious no further help is required as the attachment can be made without the assistance of the suspended person. Once the hook is in place the suspended person can be raised to allow for the loaded equipment to be removed. Once this is done the person can be automatically descended to the ground by the of BFMRGH device.



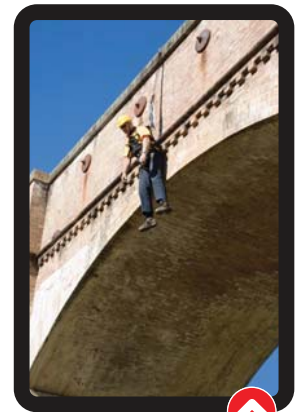
BFMRGH1130



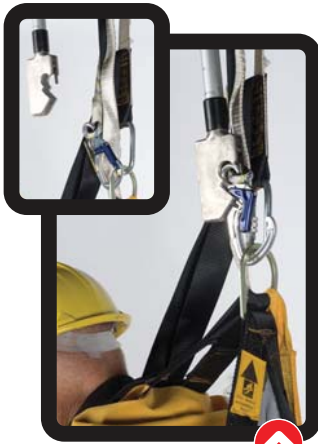
BCS0045 Rescue Pole



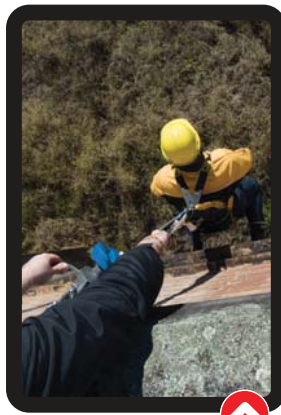
BCS0045 Rescue Pole with Karabiner open



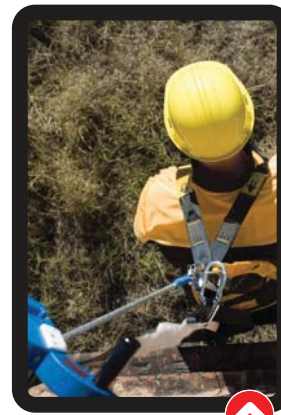
Person hanging



Rescue Pole being used connect to hook to rear of harness



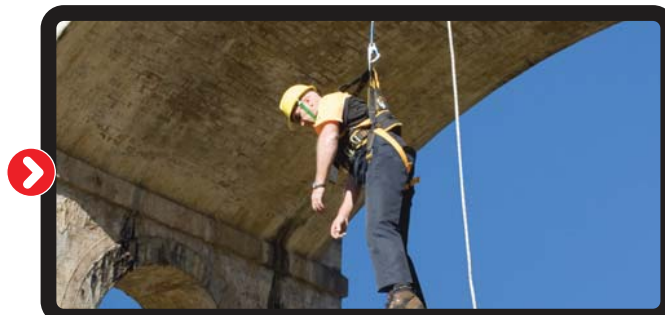
BFMRGH being wound up



Releasing load on fallen equipment



Suspended person without S/A Lanyard



Suspended person descending automatically

Rope Accessories and Hardware Items



Vertical beam clamps
BSM0037
 102mm – 406mm
BSM0037A
 102mm – 650mm



Horizontal Beam Clamps
BSM0035
 90mm – 304mm
BSM0036
 102mm – 309mm



BRP700A
 One Way friction Pulley for use on rope
 45kN 734g



BRP701A
 Standard Double Pulley for use on up to 13mm
 45kN 543g



BRP012A
 Small Eiger Pulley for use with 10 – 12mm Rope
 35kN 90g



BRP030
 Small Double Eiger Pulley for use with 10 – 12mm Rope
 35kN 122g



BRP032
 Medium Eiger Pulley for use with 10 – 13mm Rope
 35kN 158g



BRP033
 Medium Double Eiger Pulley for use on 10mm – 13mm rope
 35kN 286g



BRP703A
 Double Rescue Hauler with locking cam, for use on rope 11 – 13mm dia
 45kN 878g



BRP201A
 Small Manual Rope Grab openable for use with 10.5 – 13mm rope
 178g



BRP203A
 Small Manual Rope Grab non openable for use on 10.5 – 13mm rope
 178g



BRP209A
 Small Manual Rope Grab openable with aircraft pin for use on 10.5 – 13mm rope
 184g



BSM500A
 Rocker Auto Rope Grab
 10.5 – 13mm 164g



BSM0022
 Ascender large/ left/right
 350g



BSM0041
 Rescue figure of 8
 9 – 13mm rope
 35kN



BSM0042
 Double Braked Descender – stop go stop. Suitable for 2 man lead Double action anti panic handle. 436g

Rope Accessories and Hardware Items



BA0303 Telephone Holder for attachment to shoulder strap of harness



BA0302 Bolt Bag single compartment



BA00015 Tool Lanyards secured to wrist with Velcro with snap hook to hold tool. Lengths 500mm, 1m, 1.5m and 2m



BA00009A Single Tool Holder



BA00009 Tool Frog



BP03001.5 1.5m Tie Off Adaptor
BP03002 2m Tie Off Adaptor



BA0300 Harness Storage Bag for clean storage of harness when not in use.



BA0301 Harness Tool Bag, multi compartment (will fit over padded waist bands)



BP03101.5 1.5m Attachment Strap Available in lengths from 500mm to 2m



BA0700 50m Rope Bag



BA0351 Personal Gear Bag



BA0580 Large Gear Bag





BSR0011B

11mm Kernmantle Rope, Static Kernmantle Rope.

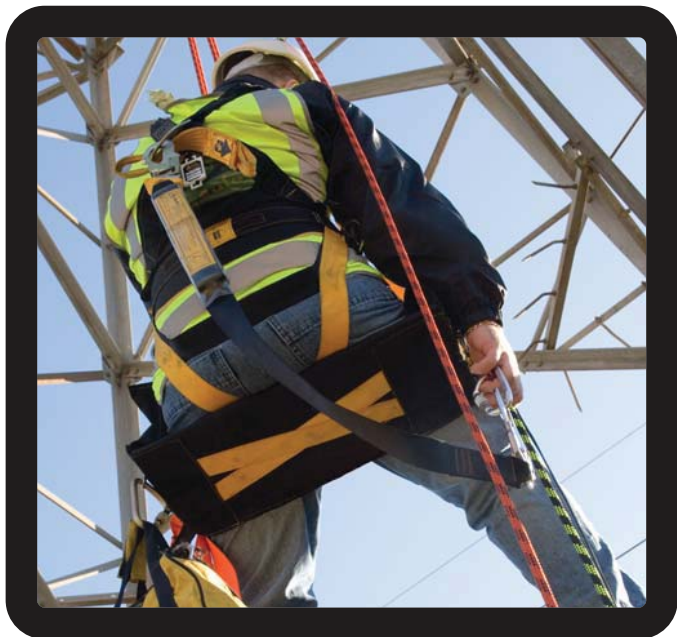
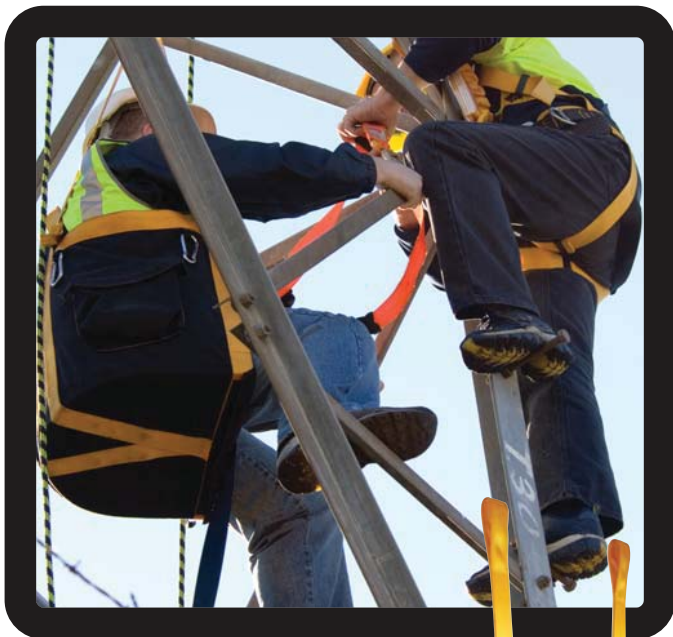


BSR0011 & BSR0013

11mm and 13mm Arapaline Static Rescue Line.

	11mm	13mm
Breaking force	3000kgf	4100kgf

Fully complies with Australian Standard AS4142.3



Bosons Chairs

Bosons Chairs are ideal devices when a worker needs to be suspended in a specific location to be able to carry out a job.

There are specific requirements for the use of bosons chairs and only people with the required training should be using these items.

The chair supports the user so that they are not loading the harness, which is also attached to a second safety line.



BC01000



BC02000

Code	Description
BC01000	Bosons Chair for use when long term support is required. Note when using this system a back up safety line must be used
BC02000	Bosons Seat for use with Full body harness - attaches to front loops of harness with karabiner. Note when using this system a back up safety line must be used

Introducing B-Safe Plan o Gram System



Beaver Brands can offer a new plan-o-gram system that will help you increase sales for your B Safe range.

The plan-o-gram system has been put together to help you get the most out of B-Safe display. We have put together a range of stands that best promote the products in the category, taking all the guess work out of what products you should stock and how you should display them.

Working in conjunction with your Beaver Brands sales rep, our height safety expert and our marketing department, Beaver can put together a display that not only looks good but sells product.

Our Team can assure that your range is

- ✓ Always kept upto date and looking fresh, giving you the chance to maximize sales.
- ✓ Sale products are displayed in a creative way- drawing attention to the products that need it the most.
- ✓ Stock is rotated on a regular basis, keeping your stand well stocked and interesting

Speak to your Beaver Brands representative today about the various options available.





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