

SpanSet[®]



**Solutions for the
Telecommunications
Industry**

**Height Safety
Lifting
Load Control
Safety Management**





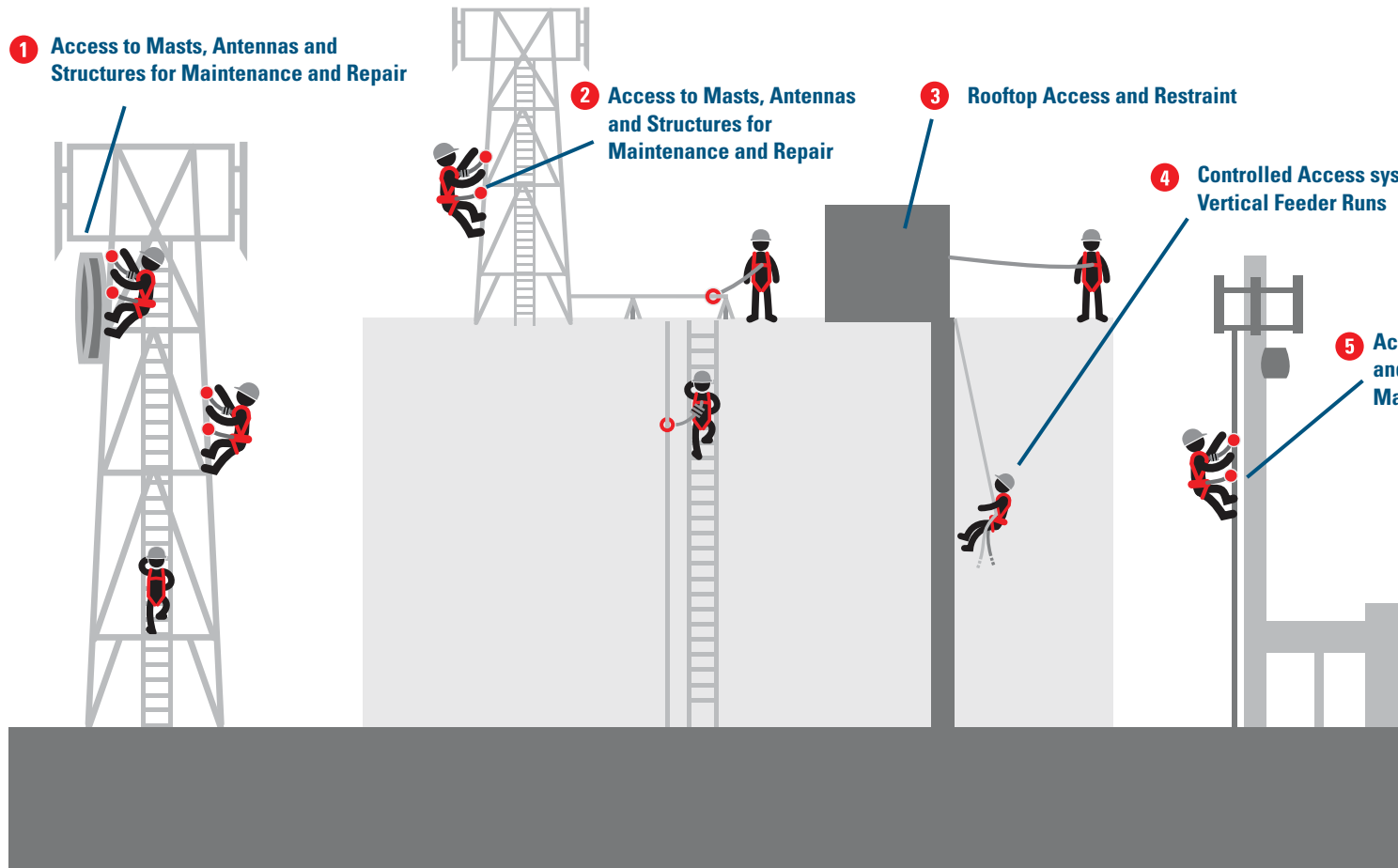
SpanSet and the Telecommunications Industry

SpanSet has been designing, manufacturing and supplying equipment to the telecommunications industry for over 20 years gaining a good reputation for providing quality and innovative products for Height Safety, Rigging and Lifting. Specifically for the telecoms industry a wide range of lifting equipment can be supplied for light lifting such as mast head amps, small antennas and microwave equipment to the heaviest of items such as face frames, network and mast construction.

Key to our success is understanding and communicating with our customers from the procurement stage through to training and the implementation stages. To further complement and complete our offer SpanSet has dedicated Telecoms Instructors who can relate to activities happening in the field. Available for advice at any time these individuals are very experienced and knowledgeable in their chosen profession.

CONSIDERING ALL THE IMPLICATIONS OF WORK AT HEIGHT

SpanSet identify the workers aims and tasks. All SpanSet solutions include rescue and recovery



1 2 & 5 Access and Security at Height in Plant Rooms and over Machinery

The majority Masts, Antennas or structures that require ongoing maintenance and inspection e.g Out Door Unit exchanges, feeder and connector faults and antenna alignment.

The worker will require;

- **Fall Protection during access and egress**
A harness and double lanyard , with the option of Temporary Vertical Line Systems.
- **Fall Protection and Support whilst carrying out the task**
Use fall protection equipment for security, adding a work position device to support the worker in location will free up their hands.
- **Post Fall Rescue and Recovery procedures**
The procedures must address rescue during access and egress or recovery from the work site.

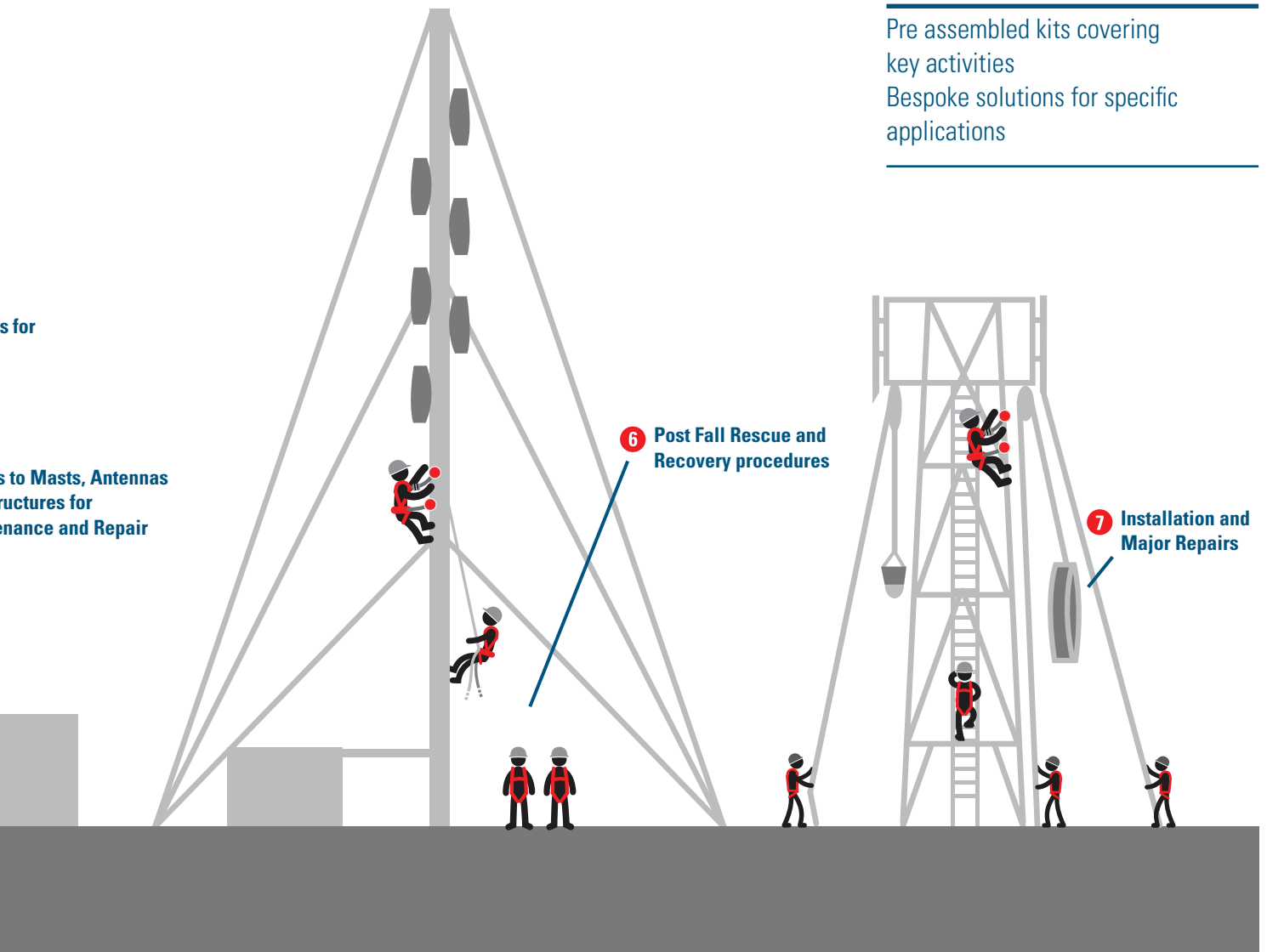
3 Rooftop Access and Restraint

Roof top access could require several steps, the use of fall arrest fixed and temporary guided systems or double lanyards.

Permanent or temporary restraint work position systems can be deployed to prevent any fall occurring.

SOLUTIONS FOR THE TELECOMMUNICATIONS INDUSTRY

Pre assembled kits covering key activities
Bespoke solutions for specific applications



4 Controlled Access systems for Vertical Feeder Runs

Gaining access to vertical areas using work positioning systems enables workers to carry out installation and maintenance of feeder runs.

The worker will require a safe area and access to the top of the works to set up the system.

- Works can be accessed by lowering or being lowered into a position, but egress may require a raising capability.
- As the user is fully committed to the work position system a secondary back up is required.
- The rescue solution must have the same raising and lowering capabilities as the working system and be compatible with the main working system and the back up system.

6 Post Fall Rescue and Recovery Procedures

The procedures must address rescue during access and egress or recovery from the work site.

7 Installation and Major Repairs

Having the right gear for the right job, all installation and major repairs would require a level of lifting. All lifting operations no matter how light and small should be performed utilising the correct LOLER rated equipment. LOLER defines lifting equipment as "work equipment for lifting or lowering loads and includes its attachments used for anchoring, fixing or supporting it" and "a load includes any materials that are lifted by the lifting equipment".

- Light Lifting

The Safe Lifting Kit is designed for safely lifting light loads up to 50kg and incorporates a lock function whilst lifting for safety. It can be used indoors or outdoors and allows the user to lift light loads in compliance with the lifting regulations, LOLER.

- Heavy Lifting

Heavy lifting kits can be used for loads up to 150kg it incorporates a camming lock function preventing accidental lowering.

- GRABBA Lifting Bag

The GRABBA lifting bag is a roll top water resistant containment bag with a rated lifting assembly. It can be utilised with all lifting kits. The GRABBA Bag allows workers to load tools and materials into a safe containment bag and lift them in compliance with LOLER. It has an integrated master link allowing the worker to attach it to any lifting device with a suitable hook. Rated to various loads up to 250kg



Height Safety

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HARNESSES

ULTIMA X Harness



ULTIMA X Harness

- Full Body Work Restraint and Fall Arrest Harness, with integral Work Positioning Belt
- Front and Rear Fall Arrest Attachment
- Side-D work positioning attachment points on waist belt
- Adjustable at leg loops, shoulders and chest
- Available in standard or large size
- Designed for superior levels of comfort
- Attachment loops for tool bags or frogs
- Steel buckles and fittings
- Pocket Inspection Guide
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN361 and EN358

Order Code: UEH – STD / UEH – LARGE





HARNESSES

CLIMA Tech Harness

2-X Harness

Order Code: CLIMA Tech



CLIMA Tech Harness

- Multi-purpose harness
- Front and Rear Fall Arrest Attachment
- Side-D work positioning attachment points on waist belt
- Central waist attachment for Work Positioning
- Adjustable at leg loops, shoulders and waist
- Available in standard or large size
- Attachment strap for chest ascender
- Plastic coated equipment storage loops on belt
- Fast clip buckle on chest for ease of fitting and removal
- Pocket Inspection Guide
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN358

Order Code: 2-X



2-X Harness

- Lightweight Full Body Work Restraint and Fall Arrest Harness
- Attachment points at front and rear
- Adjustable at leg loops, shoulders and chest
- Available in standard size
- Steel attachment points and shoulder adjustment buckles
- Pocket Inspection Guide
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN361

LANYARDS

Twin Double Adjustable Lanyard
Double Self Retracting Lanyard



Double Adjustable Twin Fall Arrest Lanyard

Order Code: TPD-AL-1358

- Double Adjustable lanyard for fall arrest application
- Screw link connector for secure attachment to harness
- Two Scaffold Hooks.
- Adjustable attachment rings for anchorage allowing connection to larger steelwork
- Two D/Gate Snap hooks for M16 Peg bolt attachment – ideal for pylon climbing
- Full Shock Absorber Pack
- Two sleeves to protect lanyard from sharp edges and wear
- 2m in length including fittings
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN354 & EN355

Available without Snap Hooks.

Order Code: TPD-AL-1358-NL



Double Self Retracting Lanyard

Order Code: DSL-138

- Double Self Retracting Lanyard for fall arrest application
- Retractable features - reduces fall distances & reduces tangles/trip hazards
- Suitable for continuous attachment
- Combining two small retracting life lines with one common energy absorbing pack
- Shock Pack stows neatly onto harness – compact & unobtrusive
- Screw link connector for semi permanent attachment to harness
- Two Scaffold Hooks for anchorage
- Anchorage from foot level up
- 2m in length including fittings
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN360 & EN355 Dynamic requirements



LANYARDS

Fixed Length Double Lanyard
CLIMA Work Position Lanyard
Double Rope Lanyard



- Fixed Length Double Lanyard for fall arrest application
- Steel twistlock karabiner for secure attachment to harness
- Two steel scaffold hooks for anchorage
- 1.85m in length including fittings
- Full Shock Absorbed Pack
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN355

Fixed Length Double Fall Arrest Lanyard

Order Code: TPD055



- Adjustable Lanyard for Work Positioning applications
- Screw link connector for semi-permanent attachment to waist belt
- Lightweight Captive Eye Alloy Double Action connector for ease of attachment
- Adjustable from 2m to 0.5m
- Constructed from kermantle rope to reduce weight
- Wear sleeve to protect rope
- Easy adjustment mechanism to set your position accurately
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN358

CLIMA Work Position Lanyard

Order Code: 5/2696-WPLANY 2M



- Fixed Length Double Rope Lanyard for fall arrest application
 - Maillon Rapide for secure attachment to harness
 - Two large aluminium scaffold hooks for anchorage
 - 1.5m in length
 - Wear sleeves on both legs
 - Large parking clip to allow connector parking
 - Light weight
 - Tested to 140kg
 - Supplied with clear user instructions.
 - Individually serial numbered certification for traceability
 - CE approved to EN361 and EN358
- Also available in/with
- 1.75m in length
 - Individual adjustable loop back rings
 - Rope wear protectors

Order Code: TPDR-AL-12G

Double Rope Lanyard

Order Code: TPDR335





RESCUE

GOTCHA SHARK Kit

- Suitable for Rescue from Fall Arrest Lanyards, Vertical Fall Arrest Systems and Webbing Fall Arrest Blocks
- Bladeless cutting. The casualty is released by cutting their primary attachment with a unique bladeless cutter for safety and accuracy
- Rescue direction. The SHARK is a descent rescue kit and rescue entails the rescuer descending to the casualty collecting them and descending to safety
- Pre-assembled. No assembly is required by the user
- Assisted Rescue. The rescuer accesses the casualty in order to recover them.
- Two person use. The Gotcha SHARK is rated for loads up to 300KG in normal use.
- Maximum Working Length. Gotcha SHARK kits are available in the following lengths which define their working length. 30 Metre, 50 Metre, 66 Metre and 100 metre lengths
- CE approved to EN341 Class D

Order Code: SHARK 66M



CLIMBING

CLIMA Vertical Line
Buddy
SpanHoist II Kit



CLIMA Vertical Line

- Guided type fall arrest system for persons requiring protection while climbing vertical structures
- Available with either a 10, 20 or 30-meter kermantle rope
- Removable "buddy" arrest device with optional captivating bolt
- Connecting lanyard
- Supplied with alloy double action captive karabiners for ease of use and security
- Comes with 70kN attachment sling for anchorage to structure
- Supplied with storage bag to protect the line when not in use
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN353-2

Order Code: CLIMA VL



Buddy

- Fall Arrest Device
- Can either be used directly attached to harness for reduced clearance areas
- Or with up to a 500mm long lanyard for more freedom
- Ideal for rope access technicians requiring a back up device capable of protecting 2 people
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN353-2

Order Code: 5/2697



SpanHoist II Kit

This personal access kit can be used by a worker to raise and lower themselves to a work location. The kit can also be used by a second person to remotely raise and lower the worker. This kit can be used with a range of anchorage options, such as davits, tripods and attachment slings. To increase worker comfort this kit should be used with the CLIMA tech harness, or a work seat.

Pulley features:

- One-way Friction Pulley for increased control when lowering,
- Locking Cam for security and rescue hauling,
- Lightweight Alloy construction.

Footloop

- Multifunction, for use as a footloop to assist hauling, or a work restraint lanyard to prevent falls,
- Adjustable from 1m to 1.6m,
- Additional wear sleeving to reduce abrasion.

Order Code: SPAN-4-12.5



CLIMBING



Horizontal Safety Line
CLIMA Work Position Line
Attachment Sling

Order Code:
HSL-HH (Hooks)
HSL-LL (Loops)



- Temporary Horizontal Anchorage Line for Work Restraint and Fall Arrest
- Supplied with loops or swivel hooks
- Adjusts to a maximum working length of 20m
- Wear indicator built into the webbing for ease of inspection
- Integral storage bag for transport and stowage of excess webbing
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- Pocket Inspection Guide
- CE approved to EN795 Class C

Horizontal Safety Line

Order Code: 5/2696-WPL 10M



- Kernmantle Rope Positioning Line for Work Restraint
- Steel autolock karabiners fitted at both ends for durability and security
- Adjustable from 0.3m to 10m, other lengths available
- Easy adjustment mechanism to set your position accurately
- For Work Restraint and Work Positioning applications only
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN358

CLIMA Work Position Line

Order Code: ATSL 1M EWL



- Temporary Anchorage Sling for Work Restraint, Work Positioning and Fall Arrest
- Available in a range of lengths
- Continuous polyester sling surrounded with a protective tubular sleeve
- MBS 70kN
- Pocket Inspection Guide
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN566 and EN795

Attachment Sling

ACCESSORIES

Bolt Bag with Tool Frog
Tool Bucket



Bolt Bag with incorporated Tool Frog

- Bolt bag with incorporated tool frog
- c/w handles and buckles to attach to harness
- Tool frog for holding tools when working at height
- Reinforced PVC

Order Code: BOLT BAG LARGE



Tool Bucket

- Reinforced rim for easy access
- Draw cord top for security
- Light colour for internal visibility
- Multiple attachment points

Order Code: 5/2335



ACCESSORIES

Rope Bag

PPE Large Kit Bag



Order Code: 5/1992-100



- Reinforced Roll Top PVC bag
- Holds up to 100mm rope
- Fully waterproofed
- Provides Rugged Protection
- Rucksack Straps

Rope Bag

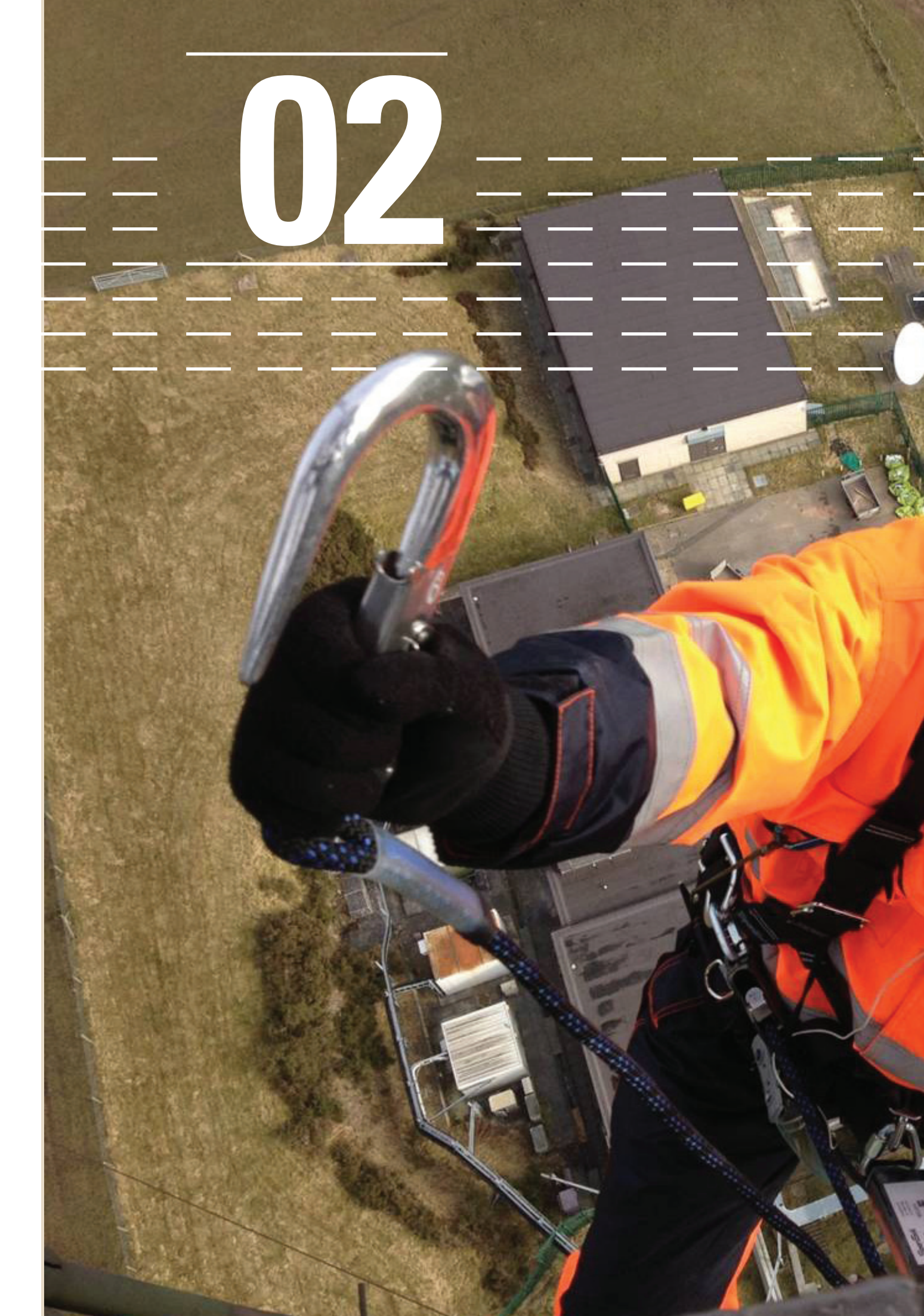
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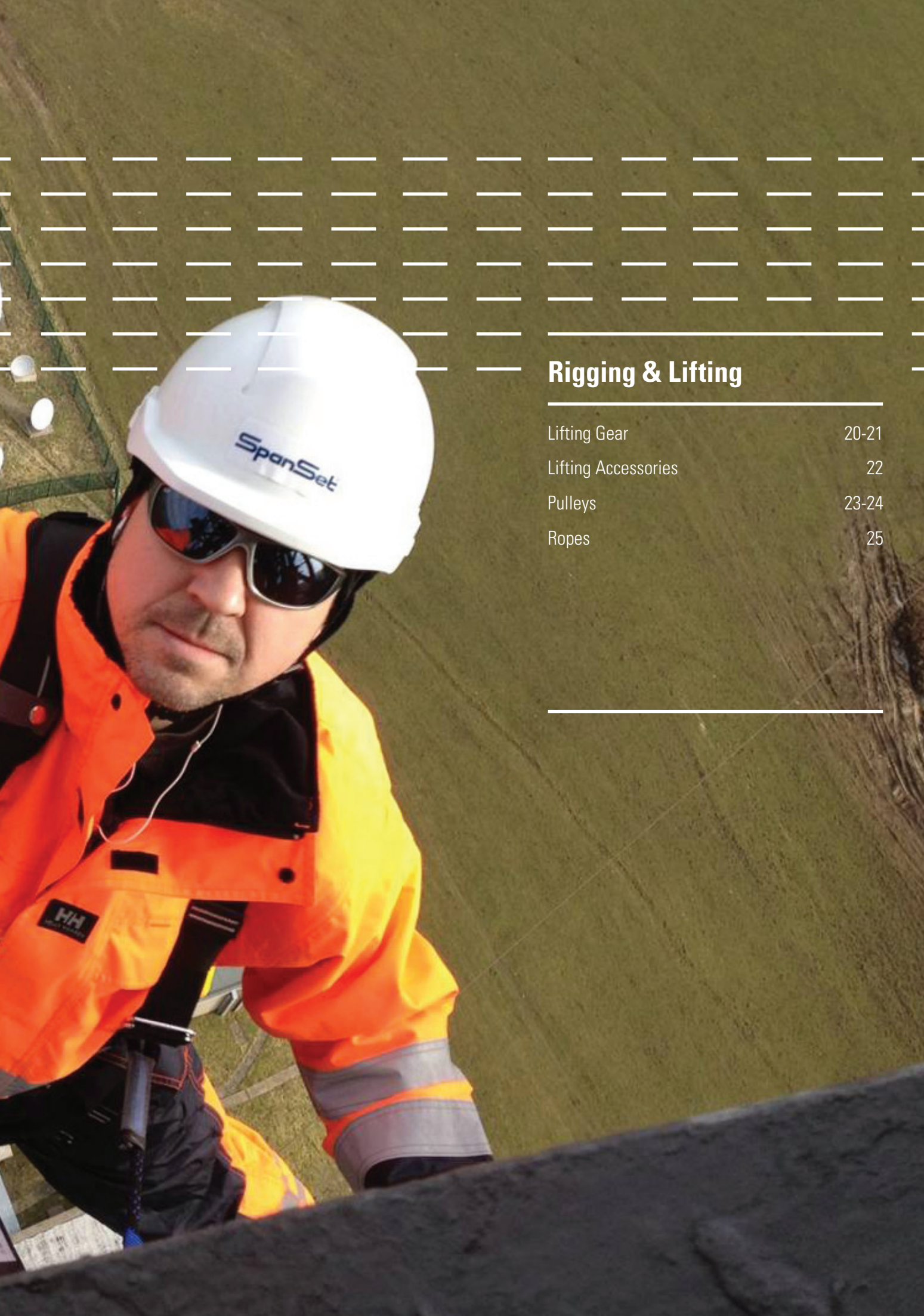


- Large Kit Bag
- Fully waterproofed
- Provides Rugged Protection
- Carrying Handles
- Heavy Duty Zips

PPE Large Kit Bag

02





Rigging & Lifting

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LIFTING GEAR

Safe Lifting Kit Light
Safe Lifting Kit
Exoset Leverhoist



Safe Lifting Kit Light

Order Code: SAFE LIFT KIT 50/50

- Mechanical lifting system that replaces the use of manual lifting techniques
- Lightweight rope hoist kit
- Auto lock on lift only
- WLL 50kg
- Factor of Safety >10:1
- Can be set to 50m lift in a :1 ratio or 100m in 1:1
- Can be used in conjunction with the Grabba Bag and other slings
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- Conforms to machinery directive 2006/4/EC



Safe Lifting Kit

Order Code: SAFE LIFT KIT 150

- Mechanical lifting system that replaces the use of manual lifting techniques
- Quick and simple, foolproof rope hoist kit
- Drop proof auto lock function
- SWL 150kg
- Factor of safety 7:1
- Available in 25m and 50m height of lift versions
- Can be used in conjunction with Grabba bag
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- Conforms to machinery directive 2006/4/EC



Exoset Leverhoist

Order Code: LH89001

- Chain Lever Hoist
- Capacities from 0.250t to 6t
- Height of lift 1.5m
- Safety latches
- Overload protection
- CE marked
- EN13157+A1:2009



LIFTING ACCESSORIES

Grabba Bag

D Shackle

Econolift Roundsling



Grabba Lifting Bag

- Safe and simple way to lift loose equipment
- Can be stacked two high for lifting
- Velcro roll top for weather protection
- Optional hard base moulded from impact resistant polymer
- Available in Small 75kg, Medium 125kg and large 250kg SWL option
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- Certified lifting bag EN 1492-1

Order Code: 5/3061/2/3



D Shackle

- 3 Ton D Shackle
- Galvanised Steel
- Complies with Lifting Equipment Regulations
- Available in a range of weights
- Individually marked with a batch reference and SWL
- CE approved to EN 10203

Order Code: SH005



Bow Shackle

- Bow Shackle
- Galvanised Steel
- Complies with Lifting Equipment Regulations
- Available in a range of weights
- Individually marked with a batch reference and SWL
- CE approved to EN 10203

**Order Code: XASP0325 (3.25t)
XASP0475 (4.75T)**



Econolift Roundslings

- Endless Roundsling for Lifting
- Available in a range of lengths
- Working load limit 1 tonne
- Effective working length 1 metre
- Colour Code: Violet
- Material: Polyester
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE Approved to En 1492-2

Order Code: E1000/01



PULLEYS

Hand Descender
Fixed Cheek Pulley
Swivel Pulley



Order Code: 5/1915



- Left or right handed Ascender
- Weighs 196 grams
- Takes 8 to 13mm rope
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN567

Hand Descender

Order Code: P05



- Fixed Cheek Pulley
- Suitable for ropes up to 13mm
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN 12278

Fixed Cheek Pulley

Order Code: 5/3244



- Large aluminium Pulley with Swivel Opening
- 1 Ton Safe Working Load
- SWL compliance with rope maximum diameter 16mm (5/8")
- Tamper proof rivets
- Weight 440g
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN12278

Swing Pulley

PULLEYS

ID Descender
Hauler Assembly
Screwgate Karabiner



ID Descender

- ID Descender
- Versatile self braking descender/belay device
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE Approved to EN341 Class A

Order Code: D20



Hauler Assembly

- Assembly for increasing mechanical advantage consisting of
- Fixed Cheek Pulley
 - Hand Descender
 - Oval Screwgate Karabiner
 - Supplied with clear user instructions
 - Individually serial numbered certification for traceability
 - CE Approved to EN362 & EN567

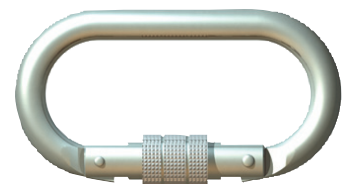
Order Code: 5/3193



Screwgate Karabiner

- Oval steel screwgate karabiner
- Gate opening 16mm
- Supplied with clear user instructions
- CE approved to EN362

Order Code: 5/3030



ROPES

11mm Semi Static Rope
10.5mm Semi Static Rope



Order Code: 5/3028



- Kermantle Rope
- SpanSet hold stock of 11mm rope
- We can also supply other sizes, specifications and colours on request
- CE Approved to EN1891

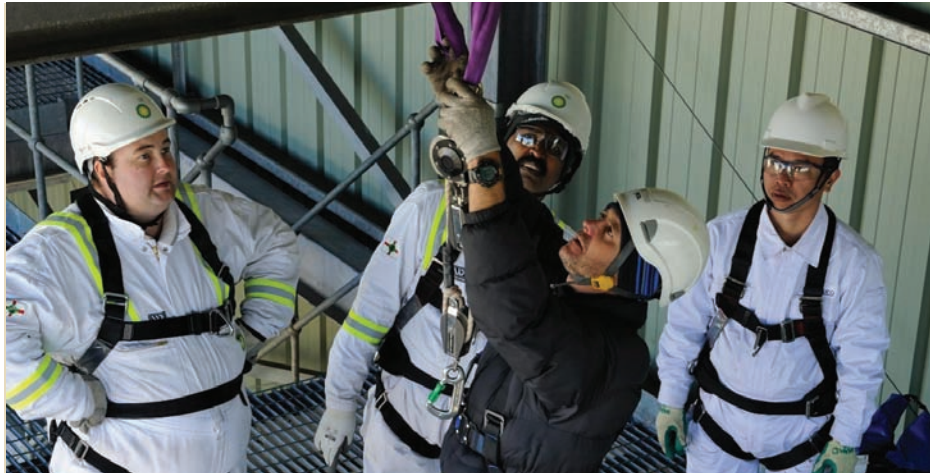
11mm Semi Static Rope

Order Code: 5/3029



- Kermantle Rope
- SpanSet hold stock of 10.5mm rope
- We can also supply other sizes, specifications and colours on request
- CE Approved to EN1891

10.5mm Semi Static Rope



SpanSet Training.

SpanSet has drawn on its experience in delivering training to some of the world's largest telecommunication companies and designed a series of training courses to enable commissioning and rigging engineers to safely carry out work at height on wide range of mast, towers and rooftops.

Core Skills:

Each course is specifically designed to enable engineers to correctly select and carry out pre use checks of personal fall protection equipment. These courses are ideally suited for any engineers who work at height.

Rescue Training:

It's imperative that telecommunications engineers working at height are able to rescue a colleague should they become suspended. The Gotcha SHARK rescue course provides practical training in the use of this tried and tested rescue system. This course is an enhancement to the core skills training.

Rigging and Lifting:

This enhancement to the core skills course instructs engineers in the correct safe lifting, rigging and installation of telecommunications equipment. From the very light loads to heavy lifting and erection, SpanSet can call on its core skill and expertise as a manufacture to deliver solutions to overcome any situation.

Radio Frequency Awareness Training:

Radio Frequency is hidden danger present on many areas where personnel work. This course is designed to explain the hazards and precautions to take while working in such areas and outlines the steps to be taken in order to ensure their safety. Explanation of what is RF, Identification of RF areas, effects on the body, required monitoring equipment and protective precautions.

Equipment Examination PPE and Lifting:

Attendance and completion of these courses allows selected personnel to conduct thorough examinations of personal fall protection, rescue and lifting equipment as required by HSE regulations and laws.

Managing and Supervising Work at Height:

This course is targeted at persons who plan, supervise and manage work at height such as project managers and engineers, Health & Safety officers and operational personnel. The course covers the legislation and law relating to work at height, planning work at height activities and risk assessment, control of equipment and provision of rescue cover.

TELECOMMUNICATIONS INDUSTRY

More from SpanSet

Inspection
Service
Installations



Annual Inspection & Testing Service

European Standards dictate that all items of PPE for work at height and all safety systems undergo a periodic examination by a competent person. In addition, in the UK, "BS 8437:2005 Code of practice for selection, use and maintenance of personal fall protection systems and equipment for use in the workplace." Section 13.1.2 –States "Formal inspection procedures should be put in place by employers to ensure that personal fall protection equipment is given a detailed inspection ("thorough examination") by a competent person before first

use and at intervals not exceeding 6 months (or 3 months where the equipment is used in arduous conditions), and after circumstances liable to jeopardise safety have occurred. SpanSet can perform the thorough inspections required by legislation and/or equipment manufacturers. We can also provide training for Competent Persons and therefore the combination of your staff and our services can increase the safety and ensure compliance.

IDXpert Net

Product identification and asset management combined into one simple process

- Allows you to easily manage all the components of your Walkabout System
- Clear identification of product with RFID technology
- Instant access to your records from any location with the online IDXpert Net portal
- Simplifies inspection recording and inspection planning
- Attach images, data sheets, instructions to your records
- Remote access to your certification records
- Transfer between multiple locations or mobile locations
- Perform inspections or audits remotely with the IDXpert Net Mobile reader



More From SpanSet



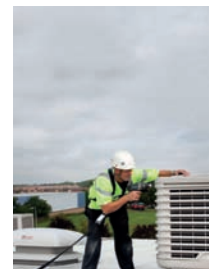
Height Safety



Lifting Systems



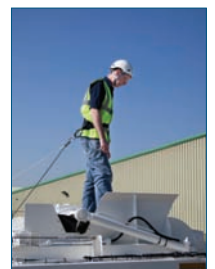
Load Control



Safeline Systems



CAPCHA
Vehicle Fall
Protection Systems



STOPPA
Vehicle Fall
Protection Systems

Installations

For some tasks the measures you employ may be temporary, providing safe working conditions for the duration of the works and removed upon completion. This approach has limitations in that installation and removal of a temporary system may include some risk and can be time consuming. In the case of tasks carried out regularly or repeatedly in locations where access is required more often a permanently installed safety system offers a better solution. The advantages are that

once installed a permanent system provides safe conditions for all users. It is simple to use, easy to maintain and is unobtrusive having very little impact on the surrounding environment. SpanSet installations – the total solution from survey, quoting, supply, installation to periodic testing and maintenance to all BS 7883:2005 – Code of practice for the design, selection, installation, use and maintenance of anchor devices conforming to BS EN 795.

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