

SpanSet®

Wind Power

Height Safety
Lifting
Load Control
Safety Management



SpanSet Worldwide



The SpanSet Group is world specialists in Height Safety, Lifting and Securing Loads with fifteen operating plants across the world and a global network of dealers.

SpanSet UK have been established for over 40 years. The company designs, manufacturers and supplies height safety, lifting and load control equipment, and has been providing products, training and associated services to the wind industry for over ten years. This has lead to us securing supply agreements with major producers of turbines across Europe, North America and Australia.

For more information: log on to www.spanset.co.uk

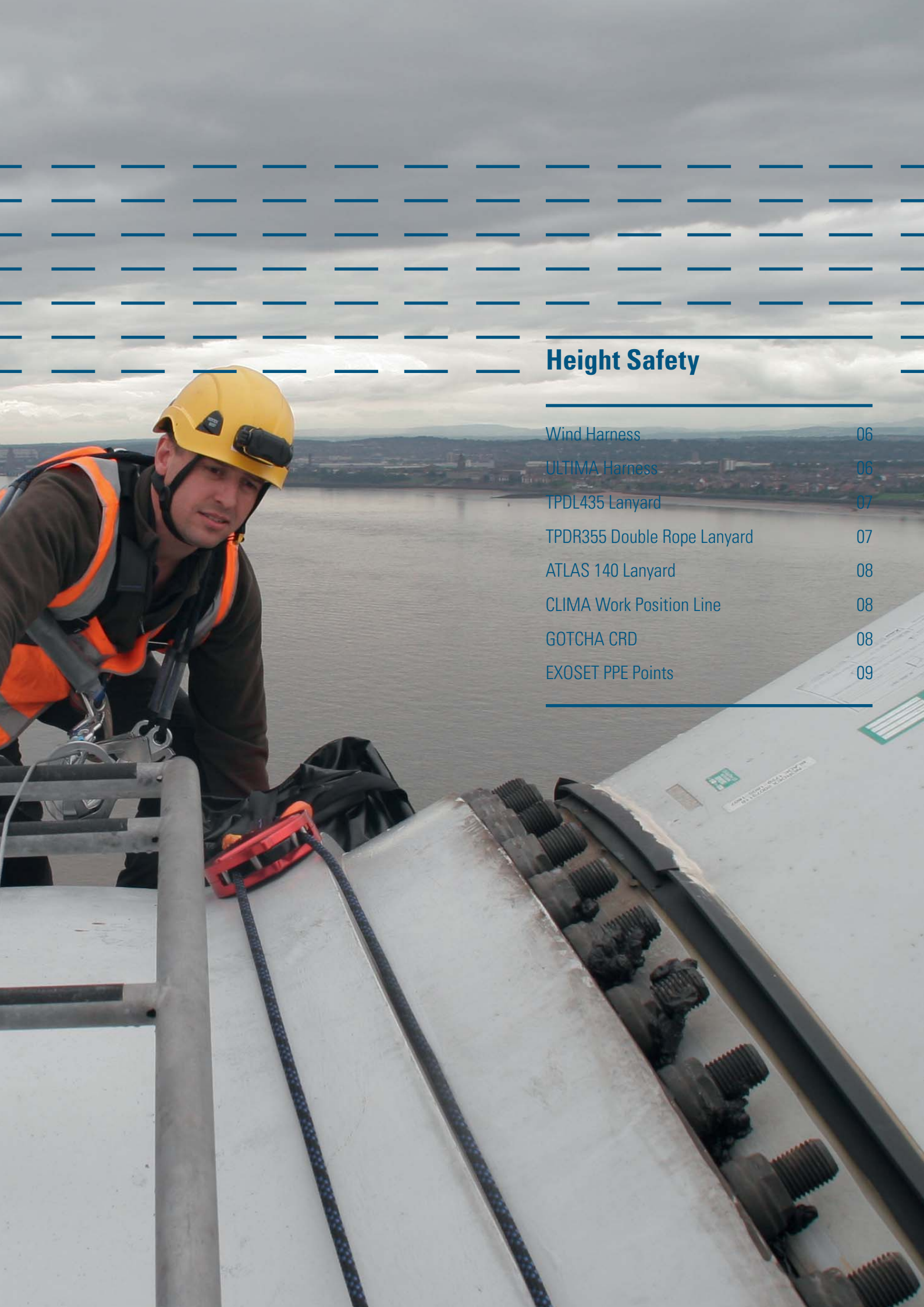
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01





Height Safety

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HEIGHT SAFETY

Wind Harness

ULTIMA Harness

TPDL435 Lanyard

TPDR355 Double Rope Lanyard



Wind 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, chest and waist
- Steel buckles and fittings high strength & corrosion resistant.
- Wide and supple providing increased comfort
- High strength and corrosion resistant
- Supplied with clear user instructions.
- Individually serial numbered certification for traceability
- CE approved to EN361 and EN358



Order code: 2XQRB

ULTIMA 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
- Supplied with clear user instructions.
- Individually serial numbered certification for traceability
- CE approved to EN361 and EN358



Order code: UEH-STD / UEH-LRG



TPDL435 Lanyard

- Fixed Length Double Webbing Lanyard for fall arrest application
- Twistlock karabiner for secure attachment to harness
- Two scaffold hooks for anchorage
- 1.5m in length including fittings
- Full Shock Absorbed Pack
- Supplied with clear user instructions.
- Individually serial numbered certification for traceability
- CE approved to EN361 and EN358

Order code: TPDL435



TPDR335 Double Rope Lanyard

- Fixed Length Double Rope Lanyard for fall arrest application
- Twistlock karabiner for secure attachment to harness
- Two scaffold hooks for anchorage
- 1.5m in length including fittings
- Full Shock Absorbed Pack
- Supplied with clear user instructions.
- Individually serial numbered certification for traceability
- CE approved to EN361 and EN358

Order code: TPDR335



HEIGHT SAFETY

ATLAS 140 Lanyard
CLIMA Work Positioning Line
GOTCHA CRD Rescue Kit
EXOSET PPE Points



ATLAS Double Rope Lanyard

- Fixed Length Double Lanyard for fall arrest application for users up to 140kg
- Screw link connector for secure attachment to the harness
- Two scaffold hooks for anchorage
- 2.0m length including fittings
- Re-inforced with substantial construction to provide support for larger users
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN355



Order code: ATLAS 140/030

CLIMA Work Positioning Line

- Kernmantle Rope Positioning Line for Work Restraint
- Steel autolock karabiners fitted at both ends for durability and security
- Adjustable from 0.3m to 5m, 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 EN361 and EN358

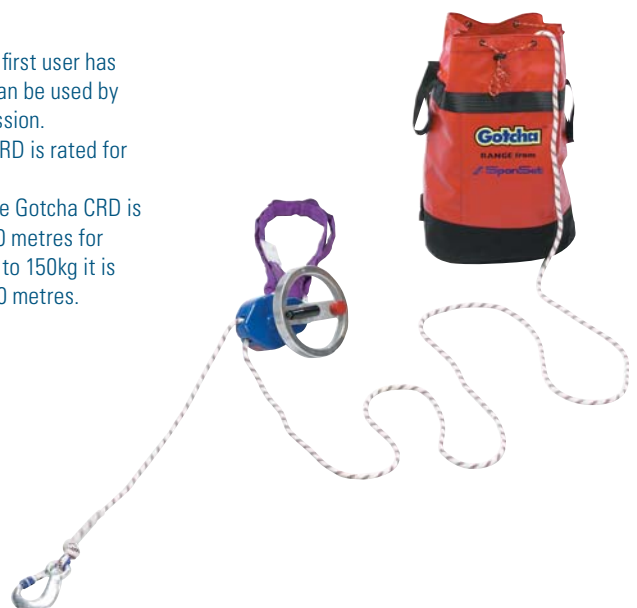


Order code: 5/2696-WPL 5M

GOTCHA CRD Rescue Kit

- Suitable for Rescue from - Vertical situations where you can access the casualty.
- Suitable for evacuation from High Structures where constant rate lowering and minimal user input are required.
- This is a no cut kit - The casualty is raised to release their original attachment.
- Rescue direction - You can lower the casualty to safety and additionally it is possible to raise a casualty for limited distances.
- Evacuation direction - The user can descend to safety at a constant rate controlled by the device.
- Pre assembled - No assembly is required by the user
- Assisted rescue - The rescuer accesses the casualty in order to recover them.
- Lone evacuation - A single person can descend to safety.

- Multiple Evacuation - Once the first user has safely descended the system can be used by additional users in quick succession.
- Two person use - The Gotcha CRD is rated for loads up to 225kg
- Maximum working lengths - The Gotcha CRD is available in lengths of up to 100 metres for loads up to 225kg. For loads up to 150kg it is available in lengths of up to 400 metres.
- CE approved to EN341 Class A.



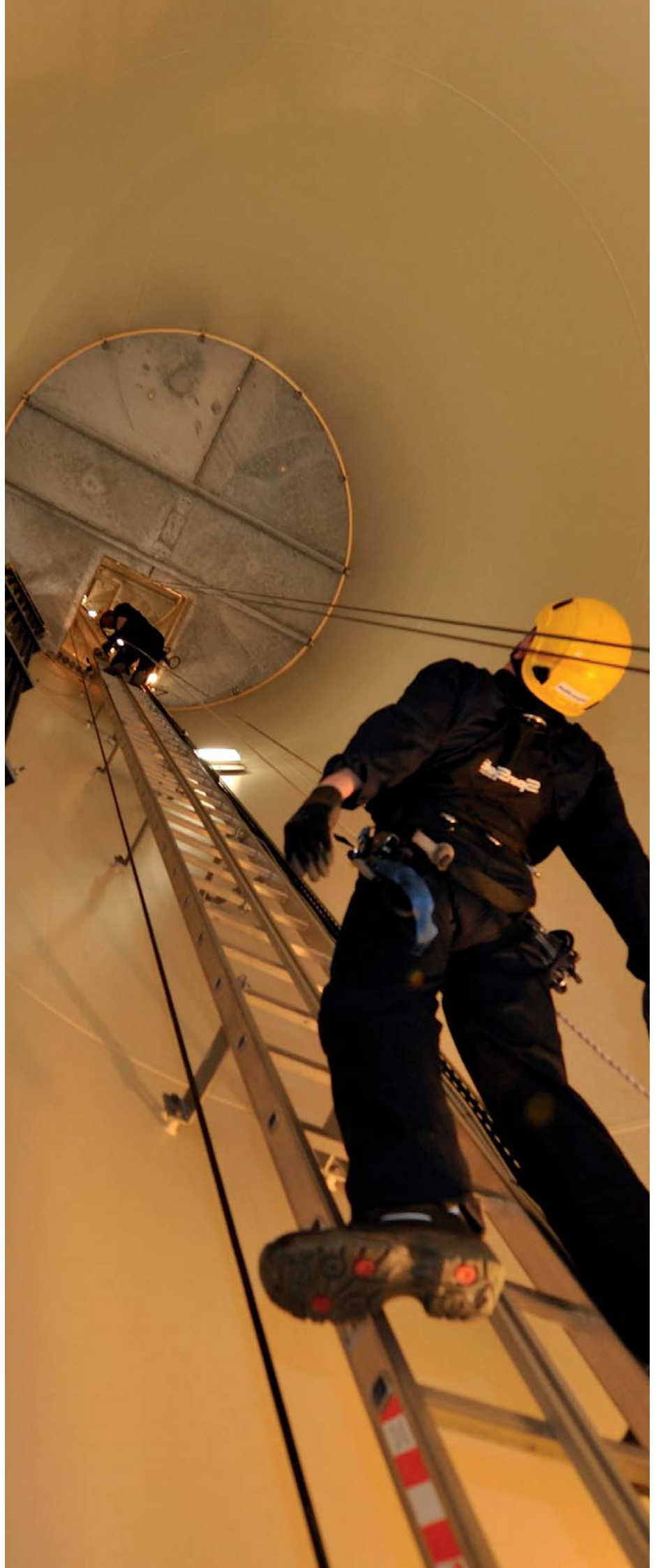
Order code: GOTCHA CRD 100M



ExoSet PPE rotating anchor points

- Certified anchorage point for fall arrest
- Suitable for rescue and evacuation
- 360° swivel
- Loadable though 180°
- 1 person (M12) or 2 person (M16) versions available
- Longer threads for through holes also available
- Individually serial numbered for traceability
- CE approved to EN795

Order code: XOPSR-00-12PPE
XOPSR-00-16PPE



02





Lifting

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HEAVY LIFTING

Tower Attachment Points (TAPS)

Magnum-X Roundsling

Dyneema Rope Slings

Vario J Hook

Lifting Beam



Tower Attachment Point (TAP) & Vario TAP

- Universal lifting point for tower segments
- Simplifies and reduces rigging time
- For flange diameters from 2m to 6m
- Up to 100tonne tower segments
- Factor of Safety 5:1
- Weight 30Kg
- Individually serial numbered for traceability
- 2006/42/EC

Order Code: TAP25/VTAP35



Magnum-X roundslings

- High performance lifting sling
- 10 to 400t WLL
- High performance fibre core and sleeve
- 50% more compact than standard roundslings
- 50% lighter than standard roundslings
- High abrasion and cut resistance
- Individually serial numbered for traceability
- 20006/42/EC

Order Code: MGX



SD Dyneema Rope Slings

- Dyneema slings for heavy lifts of monopiles, tripods, towers
- Up to 900t WLL
- 90% lighter than like for like wire ropes
- High abrasion resistance
- 150°C melting point
- Factor of safety 5:1
- Can be coiled for ease of storage and transport
- Safer handling, lightweight and no fish hooking.
- Individually serial numbered for traceability

Order Code: SD/SDG



Vario J HOOK

- J hook for smooth lifting and turning of segments
- 40t or 60t WLL
- Remote fitting and release
- Eliminates flange loading pressure under rotation of tower segment
- Individually serial numbered for traceability
- 2006/42/EC

Order Code: VJHOOK



Lifting / manipulating beams and Up-ending tools

- For tower segments, tripods, monopiles, blades, hubs and nacelles
- FEM design capability for specific applications
- Designed and manufactured to EN13155
- 100% magnetic weld crack detected
- At least 2000 load cycle testing
- Individually serial numbered for traceability
- 2006/42/EC



LIGHT LIFTING

GRABBA Bag
Safe Lifting Kit
SupraPlus and PowerStar Webslings
ExoSet Lifting points



Grabba lifting bag range

- 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
- Individually serial numbered for traceability
- Certified lifting bag EN 1492-1

Order Code: 5/3061/2/3



Safe Lifting Kit

- Mechanical lifting system that replaces the use of manual lifting techniques
- Quick and simple, foolproof rope hoist kit
- Drop proof auto lock function
- WLL 150kg
- Factor of safety 7:1
- Available in 25m and 50m height of lift versions
- Can be used in conjunction with Grabba bag
- Individually serial numbered for traceability
- 2006/42/EC

Order Code: SAFE LIFT KIT 150



Safe Lifting Kit Light

- 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
- Available in 12m and 25m height of lift versions
- Can be used in conjunction with the Grabba Bag
- Individually serial numbered for traceability
- 2006/42/EC

Order Code: SAFE LIFT KIT 50



SupraPlus Roundslings PowerStar Webslings

- High performance general purpose lifting slings
- 500kg to 10000kg WLL
- 0.5m to 60m EWL for SupraPlus
- High abrasion resistance
- At least 3 times longer life than standard slings
- Optional Secutex anti-cut protective sleeve
- Individually serial numbered for traceability
- EN 1492-1 or EN1492-2

Order Code: S and PB



ExoSet Lifting points

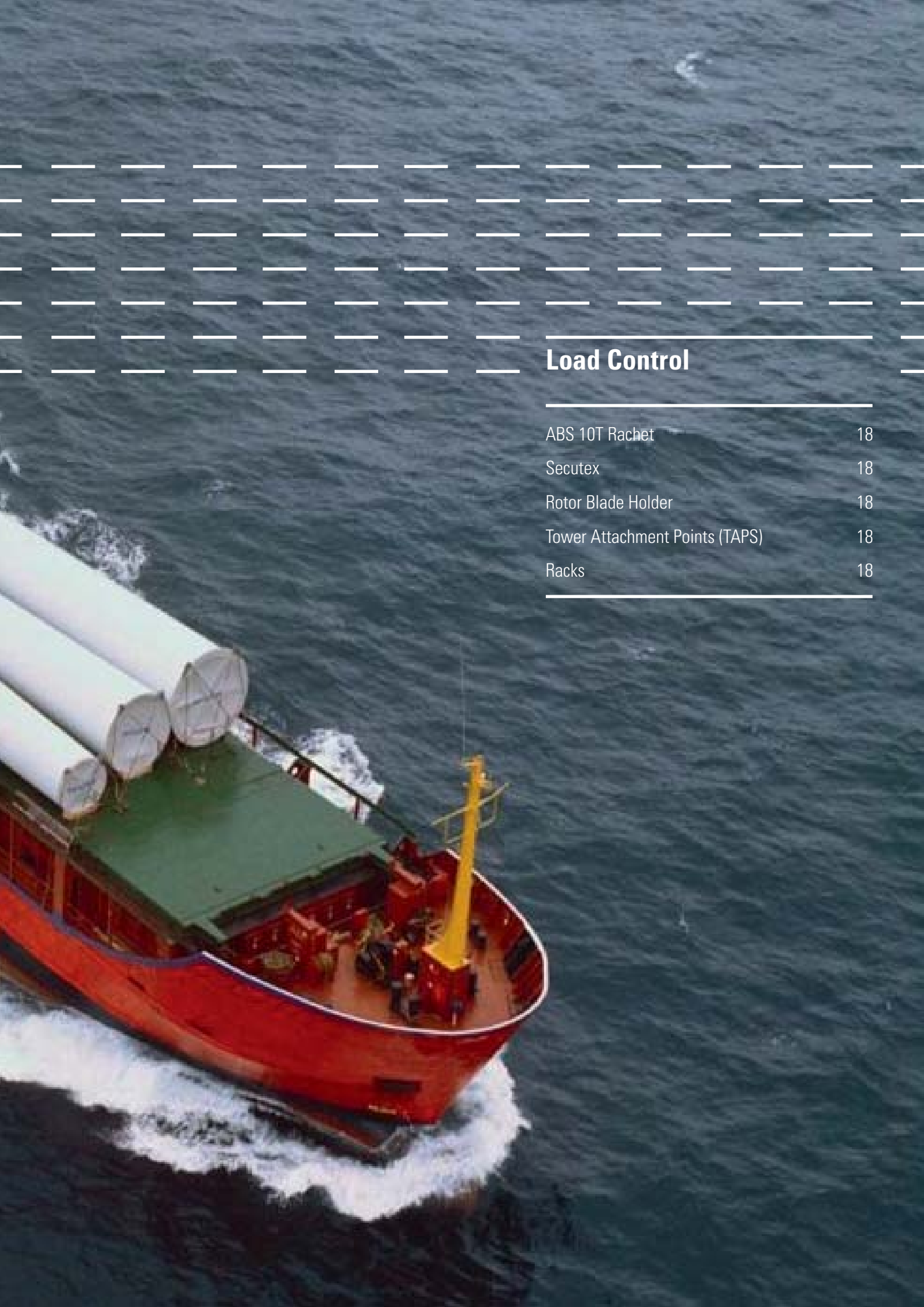
- Range of rotating eyebolts and attachment points for lifting
- Omni directional
- No loss of WLL at any permissible angle
- 2 year warranty
- Threads from M8 to M56
- Individually serial numbered for traceability

Order Code: XOPS



03





Load Control

ABS 10T Ratchet	18
Secutex	18
Rotor Blade Holder	18
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Racks	18

LOAD CONTROL

ABS 10T Ratchet 20040

Secutex

Rotor Blade Holder

Tower Attachment Points (TAPS)

Racks



ABS ratchet systems

- High performance ratchet lashing systems
- Tension on and off function
- Patented Tension Force Indicator – added security against unintentional over tensioning
- Epoxy coated for long working life
- Ergonomic pull down action handle available
- Available in 5t to 25t lashing capacity
- St/St option available
- Individually serial numbered for traceability

Order Code: 20020/40/50



Secutex

- The best way to protect lifting slings and lashing straps from abrasion and cutting
- Simple and quick to use.
- Prolongs working life
- Available to suit all size slings and lashings
- Individually serial numbered for traceability

Order Code: SF/LSP



Rotor Blade holders

- Protects the blade during sea and road transport
- Simple to use with exchangeable inserts to accommodate different blades
- Stackable and lockable
- Individually serial numbered for traceability

Order Code: Rotor Blade Holders



Tower Attachment Points (TAPS)

- For ease of on and offloading and load securing
- Suitable for road and sea transportation
- Factor of Safety 10:1
- No need to remove during manufacture, transportation or installation.
- Saves hours of time per section, providing large cost savings
- Individually serial numbered for traceability

Order Code: TAP25



Tower, Hub and Nacelle Transportation Frames

- Simple way to transport and store items safely.
- FEM designed
- All welds to TÜV class E rating
- 100% magnetic weld crack detected.
- Individually serial numbered for traceability

Order Code: N/A



04





Safety Management

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SAFETY MANAGEMENT

Training Courses.



The Benefits of a Modular Training Scheme

Based upon our commitment to quality and service, it is SpanSet's aim to provide training and education that supports all of our products and associated techniques. SpanSet's training courses provide the necessary knowledge of equipment and techniques to allow managers or users to operate safety systems effectively in designated environments.

The comprehensive, modular based range of training courses have been developed based on worker feedback. This clearly structured approach allows for planned progress to be made towards competency. Each module is a clearly defined block of theoretical information and practical training that can be combined with other modules to create a complete course tailored to your requirements.

By breaking the courses down into smaller parts the modular approach provides many benefits. Careful selection of modules maximises the relevance of courses to the trainees. A high quality of delivery can be easily monitored and maintained for consistency. Continual appraisal ensures trainees only progress once each section is successfully completed. Modules are valid for 3 years and additional modules can be added at a later date if required. The approach has made SpanSet safety courses recognised as the bench mark for proof of competency across industry.

Height Safety Courses for the Wind Industry

Title	Order Code
Renewable UK Work at Height and Rescue wind turbines	REUK
Wind Turbine Hub rescue	WT1
Wind Turbine yaw platform rescue	WT2
Wind Turbine blade access training	WT3
Wind Turbine transition piece access and rescue	WT4

Lifting and Rigging Courses

Title	Order Code
Safe Slings & Lifting Appreciation	L1
Practical Slings Beneath the Hook	L2
Rigging & Lifting for Workers at Height	L3
Lifting Equipment – Practical Inspection & Record Keeping	L4

Load Control

Title	Order Code
Load Restraint Appreciation & Inspection	LR1

Industrial Rope Access

Title	Order Code
IRATA Level 1 – Rope Access Technician	IRATA 1
IRATA Level 2 – Experienced Rope Access Technician	IRATA 2
IRATA Level 3 – Rope Access Supervisor	IRATA 3

Other courses available

- Height Safety for Industry
- Working at Height on Vehicles
- Police Height Safety Training
- Height Safety for Rescue Courses for the Emergency Services

Training Courses.



REUK Courses for the Wind Industry

RenewableUK is the trade and professional body for the UK wind and marine renewables industries. Members of RenewableUK range from small companies to the largest international corporations. SpanSet is a RenewableUK member and is approved for delivery of the REUK work at height and rescue, wind turbines course.

Lifting and Rigging

SpanSet's expertise in lifting technology has enabled us to design a series of course to instruct users to correctly plan and perform lifting operations that are a daily requirement when working on wind turbine generators. These classroom and practical courses cover such topics as slinging, hoist operation and pre-use checks of lifting equipment and appliances.



Load Control Courses

The course is designed to provide an overview and understanding of safe load control practices for road transport plus and overview of the current European standards on load restraint.



IRATA Courses - Industrial Rope Access

SpanSet is an Irata member training company and we are able to offer training courses to the Industrial Rope Access Trade Association (Irata) guidelines. These courses are to three levels and all levels include an assessment by an independent Irata approved assessor. climbing, rescue, roof top safety and RF safety.



Choosing The Right Module

SpanSet height safety and specialist access courses are designed to provide our clients with all the necessary information, instruction and training to operate both safely and efficiently. However SpanSet understand that our clients may have specific training requirements for which set courses will not cater. Should this be the case, or you are unsure as to the correct course to choose for your particular application, our training department will be pleased to discuss these issues with you, or to arrange a site meeting at your convenience either on your site or at the SpanSet training school.

SAFETY MANAGEMENT

Consultancy

Data Management - EPIS



Consultancy

Regardless of whether it concerns lifting systems, securing loads or working at height, the requirements for safety at work steadily get tougher. We would be more than glad to give you comprehensive consulting so that you can work both safely and reliably.

In this way you profit from the latest know-how and the results of our own research and development. Our qualified personnel can compile a safety solution tailored precisely to match your needs allowing you to focus fully on your own working activities



Data Management - EPIS

Thanks to its modern technology with RFID transponders, EPIS – the Electronic Product Identification System – makes it easier than ever for you to register and manage your products in the areas of load-securing, hoisting technology and height safety devices.



OTHER SERVICES

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.



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.

OTHER SERVICES

More from SpanSet



More from SpanSet

SpanSet also design, manufacture and supply a range of

- Safeline Systems
- Vehicle Fall Protection Systems

Safeline Systems

Safeline Systems are stainless steel cable anchor systems used as horizontal running lines.

These systems are bespoke designs for the application and can be installed onto roofs, access gantries for cranes and many other locations where a guardrail system is not practical.

A range of brackets enable the system to be fitted to different base materials and to follow any route required.

SpanSet support a network of approved installers who are able to survey, design, install and maintain a Safeline system for you

Vehicle Fall Protection Systems

“STOPPA” is a unique restraint system providing “hands free” secured access over the entire working area of the vehicle.

“CAPCHA” overhead fall arrest system provides an easy to use solution, helping to reduce the risks posed by falls from vehicle trailers.

“CAPCHA” overhead base system – the versatile CAPCHA system can also be adapted to those situations where a permanent height safety arrangement is required at a fixed base.



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