

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](http://www.spanset.co.uk)

Subject to technical alterations. All rights reserved. No part of this catalogue may be reproduced or processed, duplicated or distributed using electronic systems in any form (print, photocopy, microfilm or any other procedure) without the written approval of the SpanSet company. This catalogue has been prepared with all due care; SpanSet accepts no liability for errors or omissions. © 2012 by SpanSet

## Table of contents

<b>01 Height Safety</b>	<b>04</b>	<b>03 Load Control</b>	<b>16</b>
Wind Harness	06	ABS 10T Rachet	18
ULTIMA Harness	06	Secutex	18
TPDL435 Lanyard	07	Tower Attachment Points (TAPS)	18
TPDR355 Double Rope Lanyard	07	Racks	18
ATLAS 140 Lanyard	08	Rotor Blade Holder	18
CLIMA Work Position Line	08		
GOTCHA CRD Rescue Kit	08	<b>04 Safety Managment</b>	<b>20</b>
EXOSET PPE Points	09	Training Courses	22-23
		Consultancy	24
<b>02 Lifting</b>	<b>10</b>	Data Management - EPIS	24
Tower Attachment Point (TAPs)	12	<b>Other Services</b>	<b>25-26</b>
Magnum-X Roundsling	12		
Dyneema Rope Sling	12		
Vario J-Hook	12		
Lifting Beam	12		
GRABBA Bag	14		
Safe Lifting Kits	14		
SupraPlus & PowerStar Webslings	14		
ExoSet Lifting Points	14		



# 01

## Height Safety

Wind Harness	06
ULTIMA Harness	06
TPDL435 Lanyard	07
TPDR355 Double Rope Lanyard	07
ATLAS 140 Lanyard	08
CLIMA Work Position Line	08
GOTCHA CRD	08
EXOSET PPE Points	09





## 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



### TPDR355 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: TPDR355





## 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

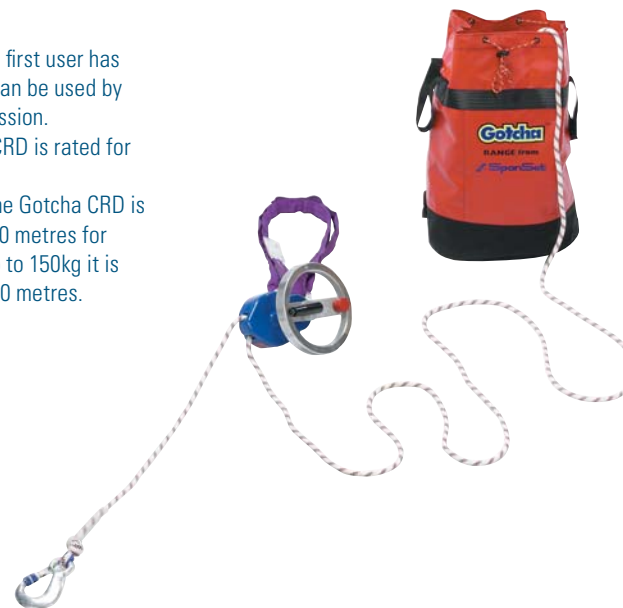


Order code: 5/2696-WPL 5M

### 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.



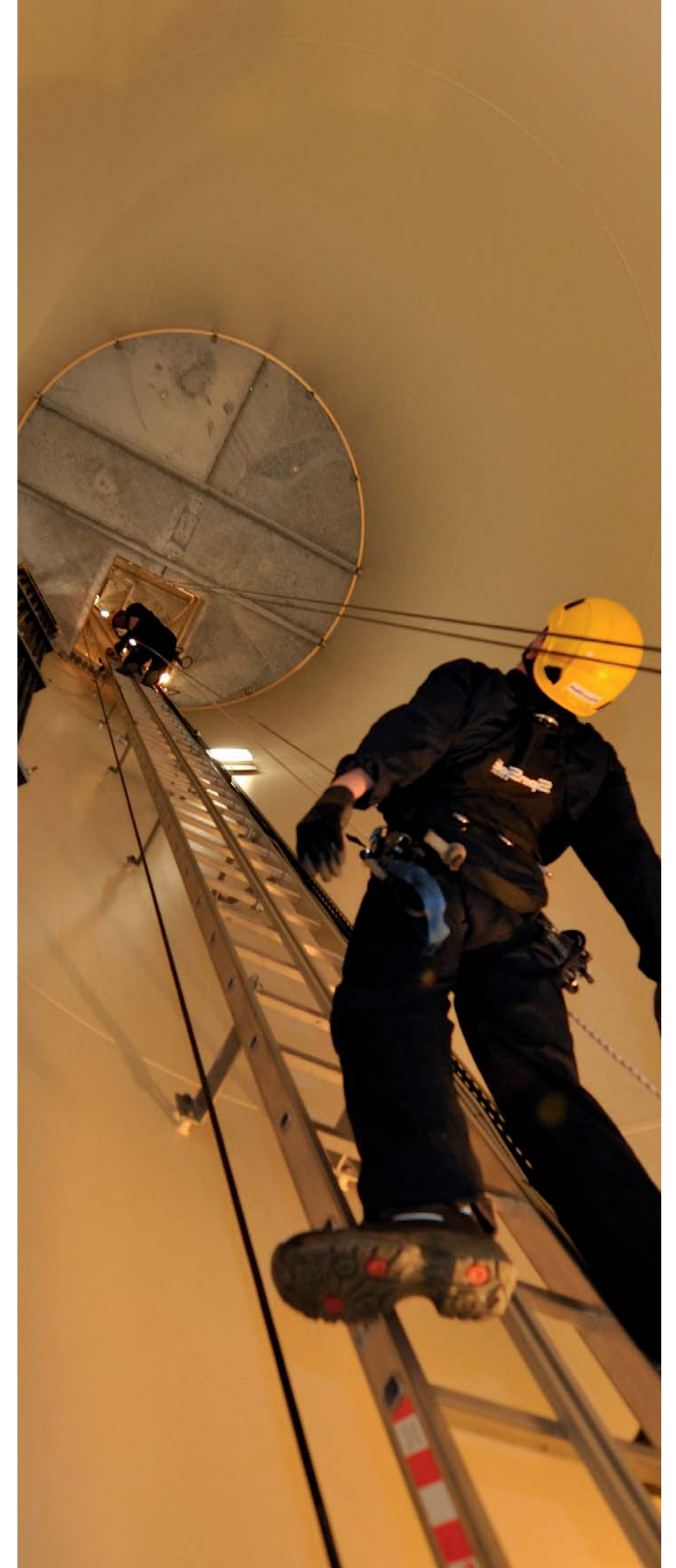
Order code: GOTCHA CRD 100M



### 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

Tower Attachment Points (TAPS) & VarioTAP	12
Magnum-X Roundsling	12
Dyneema Rope Sling	12
Vario J-Hook	12
Lifting Beam	12
GRABBA Bag	14
Safe Lifting Kit	14
SupraPlus & PowerStar Webslings	14
ExoSet Lifting points	14



## HEAVY LIFTING

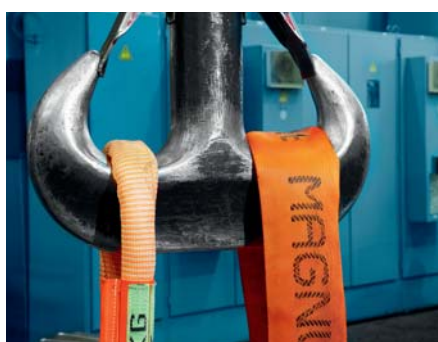
Tower Attachment Points (TAPS)  
Magnum-X Roundsling  
Dyneema Rope Slings  
Vario J Hook  
Lifting Beam



### 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

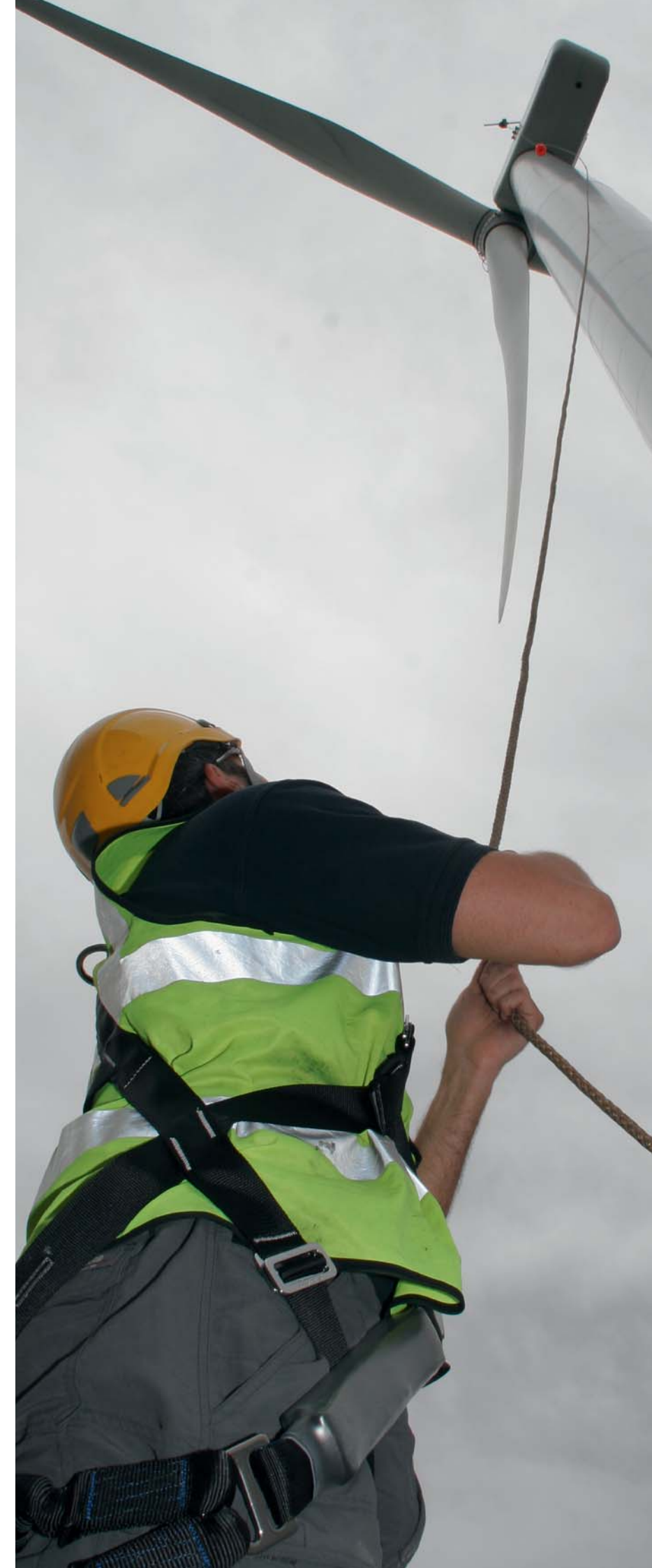
Order Code: S and PB



### 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
Tower Attachment Points (TAPS)	18
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

Training Courses	22-23
Consultancy	24
Data Management - EPIS	24
Other Services	25-26





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 an 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.





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.



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.





SpanSet Ltd.  
Telford Way, Middlewich  
Cheshire CW10 0HX, UK  
Tel: +44 (0) 1606 737494  
Fax +44 (0) 1606 737502  
[www.spanset.co.uk](http://www.spanset.co.uk)