

SpanSet®

Dynamic Self Retracting
Lanyards

Height Safety
Lifting
Load Control
Safety Management





Dynamic Self Retracting Lanyard

Reducing fall distances, improving safety

Staff working at height need appropriate equipment to protect them against falls, what is less obvious is the fact that, if not designed correctly, that very equipment can also pose serious hazards.

The issue is all about how fast the equipment reacts and the forces it subjects the user to in doing so. This is where **the award-winning SpanSet Dynamic Self Retracting Lanyard** is in a class of its own.

Designed by SpanSet in response to customer need, the key to the lanyard's success is in minimising the fall distance, which in turn reduces the distance taken to dissipate the energy while keeping the forces created to a safe and acceptable level. This ensures that users are comprehensively protected against falls from height, the injuries resulting from collisions with any nearby hazards and the forces exerted by the safety equipment.

Ideal in situations where there is low clearance and a lack of overhead anchorages (such as scaffold construction), the hybrid lanyard – available in both single and double versions – retracts exactly like a fall arrest block, but can be used like a lanyard, anchored anywhere from below foot level to overhead.

Why hybrid because we are combining two best features of both Fall Arrest Blocks and Energy Absorbing Lanyards. The Dynamic Self Retracting Lanyard can provide a perfect balance between the two.




Stop too quick and the equipment can hurt the user, too slow and the user can collide with other hazards.

LANYARDS

Applications For SpanSet DSL & SSL







Standard Applications

Attachment Level Description	Clearance Required Below Foot Level	Clearance Required Below Foot Level	
		100kg User	140kg User
Overhead 	+ 1.5	1.4	1.48
Attachment Level 	0	2.4	2.55
Foot Level 	- 1.5	4.3	4.66

Scale in Metres

The DSL has been independently tested in all the worst case scenarios. In all cases impact forces remain below 6kN even when attached below at maximum extension or with both legs attached below at maximum extensions. SpanSet DSL tested to be fit for purpose.

Scaffold Applications

Attachment Level Description	Clearance Required Below Foot Level	Clearance Required Below Foot Level	
		100kg User	140kg User
Ledger above Head Height 	+ 0.5	1.7	1.85
Intermediate Anchor 	0	2.4	2.55
Top Guard Rail 	- 0.5	3.0	3.25
Ledger at Foot Level 	- 1.5	4.3	4.66

Scale in Metres

When attaching to Scaffold always check the integrity of the anchorage point you intend to use. In the case of system scaffold you should ensure the selected anchorage point is approved for use by the manufacturer.




When using Fall Arrest Techniques and Equipment it is important that the user is aware of the safe clearance distance required below their feet. The clearance distance includes;

- The distance required for the equipment to safely arrest a falling user.
- An additional metre to provide a gap between the arrested user and the hazard below.

Using the tables in this document you can identify the anchor position and work out the safe clearance distance required.

LANYARDS






	Product Code	Description	Connector at Harness End	Anchorage
	FAQ-11G10	2 metre length Single Dynamic Self Retracting Lanyard	Aluminium Supersafe Karabiner	Lightweight Steel Scaffold Hook
	FAQ-11G04	2 metre in length Single Dynamic Self Retracting Lanyard	Aluminium Supersafe Karabiner	Aluminium Alloy Karabiner
	FAQ-11G12	2 metre in length Single Dynamic Self Retracting Lanyard	Aluminium Supersafe Karabiner	ANSI Scaffold Hook

- Single Dynamic Self Retracting lanyards for fall arrest applications
- Retractable features – reduces fall distance & reduces tangles/trip hazards
- One small retracting life line with one energy absorbing pack
- Shock Pack stows neatly onto the harness – compact & unobtrusive
- Anchorage from foot level up
- Supplied with clear user instructions
- Individually serial numbered certification for traceability
- CE approved to EN360 & EN355 Dynamic requirements

LANYARDS



	Product Code	Description	Connector at Harness End	Anchorage
	FAR-11G10	2 metre in length Double Dynamic Self Retracting Lanyard	Aluminium Supersafe Karabiner	2 x Light Weight Steel Scaffold Hook
	FAR-11G04	2 metre in length Double Dynamic Self Retracting Lanyard	Aluminium Supersafe Karabiner	2 x Aluminium Alloy Karabiners
	FAR-11G12	2 metre in length Double Dynamic Self Retracting Lanyard	Aluminium Supersafe Karabiner	2 x ANSI Scaffold Hook

- Double Dynamic Self Retracting lanyards for fall arrest applications
- Retractable features – reduces fall distance & 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 the harness – compact & unobtrusive
- Anchorage from foot level up
- Supplied with clear user instructions
- Individually serial numbered certifications for traceability
- CE approved to EN360 & EN355 Dynamic requirements

TRAINING



When investing in the latest PFPE why not ensure the worker knows how to use it.

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.

A foundation theory based module for anyone involved in work at height using Personal Fall Protection Equipment (PFPE).

Height Safety Equipment Appreciation and Inspection



Suitable for:



All Industry Sectors

Order Code: HS Module 1

This practical module is designed for workers who are using temporary fall arrest equipment to access or protect their work.

Practical Use of Personal Fall Protection Equipment



Suitable for:



Construction



Scaffolding

Order Code: HS Module 2

This is a practical based module designed for tradesmen who work at height and need to use a pre-assembled rescue kit as part of a 1st response rescue solution.

GOTCHA Rescue Kit Practical Training



Suitable for:



Construction



Scaffolding

Order Code: Module HS5A

This training module is a theory and practical enhancement of the foundation Module 1. The course is intended for workers who will be made the nominated competent person for maintenance of personal fall protection equipment.

Competent Person Practical Inspection and Record Keeping



Suitable for:



All Industry Sectors

Order Code: HS Module 7

BOOK TRAINING ONLINE - 24/7
www.spanset-training.co.uk
or call our Training Team
on 01606 737494

ANNUAL INSPECTION & TESTING SERVICE



Annual Inspection & Testing Service

European Standards dictate that all items of PFPE 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 Personal Fall Protection Equipment
- 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

Database



Portal



Inspection data is instantly synchronised to the database via network, WiFi or mobile data



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

More From SpanSet



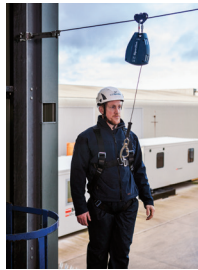
Height Safety



Lifting Systems



Load Control



Safeline Systems



CAPCHA
Vehicle Fall
Protection Systems



STOPPA
Vehicle Fall
Protection Systems