



As of 2005 new **Working at Height legislation** was introduced to help reduce the numbers killed and seriously injured through workplace falls. These preventable incidents are the single biggest cause of workplace deaths and one of the main causes of major injury.

This new legislation applies to all work at height where there is a risk of a fall liable to cause personal injury. It places duties on employers, the self-employed, and any person who controls the work of others.

Duty holders must:

- Avoid work at height where they can
- Use work equipment or other measures to prevent falls where they cannot avoid working at height
- Where they cannot eliminate the risk of a fall, use work equipment or other measures to minimise the distance and consequences of a fall should one occur

To assist in meeting these regulations Arbil provide a full range of safety equipment and are more than happy to advise on the correct equipment for the job at hand.

(Copies of the new Working at Height Legislation are available upon request)

#### Safety Harnesses:

Height Safety Harnesses	Pg 80
Work Positioning Harness	Pg 80
Rescue/Confined Space Harness	Pg 80

#### Webbing Lanyards:

Restraint Lanyards	Pg 81
Shock Absorbing Lanyards	Pg 81
Shock Absorbing Twin Lanyards	Pg 81

#### Lifeline Systems:

Tirsafe®	Pg 82
Temporary Horizontal Webbing Lifeline	Pg 82
Lifeline Anchors	Pg 82

#### Fall Arrest Devices and Man Riding Tripods:

Mini Block	Pg 83
Fall Arrest Block	Pg 83
Retrieval Block	Pg 83
Two Person Tripod	Pg 83

#### Accessories:

Work Positioning Belt	Pg 84
Pole Strap	Pg 84
Rollclamp Sliding Anchor,	Pg 84
Stopfor®	Pg 84



# Safety Harnesses

## Height Safety Harnesses

### Single Point Harness - Fleet Code: AB10

A basic full body harness, with a single dorsal (rear) attachment point. Application is general work where there is a risk of a fall.

### Two Point Harness - Fleet Code: AB20SL

A full body harness, with two attachment points. A dorsal (rear) and chest attachment points both suitable for fall arrest. The chest point may also be used for evacuation, industrial abseiling or attachment to a vertical rail or rope system.



AB10  
front



AB10  
rear



AB20SL  
front



AB20SL  
rear

## Work Positioning Harness

### Multi-Purpose Rope Access Harness - Fleet Code: ABRAH

This multi-purpose harness with padded leg loops is designed for rope access work. A rear attachment point for fall arrest and the rescue of the user. Front malleon attachment for use as a sit harness. Slide 'D's are for work positioning and the comfort belt with tool loops for lumber support. May be used with a seat strop.



ABRAH  
front



ABRAH  
rear

## Rescue/Confined Space Harness

### Rescue Harness - Fleet Code: ABRES

A full body harness with three attachment points. A dorsal (rear) and chest attachment points both suitable for fall arrest and an extended attachment point, which maintains the user at a near vertical suspension when being lifted or lowered in a work or rescue situation with limited access.



ABRES  
front



ABRES  
rear

# Webbing Lanyards

81

## Restraint Lanyards

These lanyards are designed to restrict the users movements to prevent access to an area where a fall may occur. Available in a range of lengths and connectors.

Fleet  
Code

ABEXT



## Shock Absorbing Lanyards

These lanyards are designed for fall protection, complete with an integral shock absorber, which in the event of a fall minimises the force exerted on the user. The standard shock absorbing lanyard comes complete with a screw gate karabiner at each end. A choice of karabiners, scaffold hooks and connectors are also available.

- These lanyards are a maximum of 2 metres in length
- Material: 25mm supertape

Fleet  
Code

ABL185C



## Shock Absorbing Twin Lanyards

These lanyards are designed for fall protection, complete with an integral shock absorber, which in the event of a fall minimises the force exerted on the user. Having twin connectors allows the user freedom of movement without the risk of being unattached at any time. Available with a large choice of connectors.

- These lanyards are a maximum of 2 metres in length

Fleet  
Code

ABLTWSS



*Shown with scaffold hooks*

# Lifeline Systems

## Tirsafe®

Tirsafe® is a temporary lifeline system that is quick and easy to install when there are two anchoring points offering sufficient support. It allows for total freedom of horizontal movement.

The system incorporates:-

1 x anchoring point with Tirsafe® energy absorber which ensures triple function of pre-tension indicator, energy absorber indicator and fall indicator.

1 x Tirfor® T3 cable winch

1 x 8.3mm diameter,  
20m cable (as standard)

2 x 2 metre slings

■ Guaranteed safety of up to 3 people



## Temporary Horizontal Webbing Lifeline

This flexible system can be installed simply and quickly and is ideal for temporary work at height.

This adjustable horizontal lifeline may be used in two ways to secure a person to a structure of 15kN SWL. It may be attached directly to a structure via a fixed anchorage at both ends. Alternatively it can be used with an anchorage stop wrapped about the structure using a 30kN karabiner.



Fleet  
Code

ABTL20

## Lifeline Anchors

### Girder Anchor - Fleet Code: GG101

Designed to be inserted through bolt holes in structural steelwork to provide a secure anchorage point.

**i** Always ensure the spring loaded blade is fully engaged prior to use

**i** These anchors should not be used horizontally when the steelwork section they are through is less than 30mm thick



GG101



GG201

### Concrete Anchor - Fleet Code: GG201

Designed to provide secure anchor points through concrete or solid brick walls and floors between 250mm - 300mm thick, when used in drilled or cast holes (20 - 25mm diameter).

**i** Always check the integrity of the concrete or brick before using these anchors

**i** Always ensure the spring loaded blade is fully engaged prior to use

# Fall Arrest Devices and Man Riding Tripods

## Mini Block

This is a small lightweight, retractable fall arrest device that provides maximum mobility. The mini block is easily carried around by the user and can be located at the most appropriate anchorage.

- 45mm x 2.4m webbing
- Shock absorber in webbing
- Weight 0.7kg

Fleet Code
R0 2



## Fall Arrest Block

Available in 10, 20 and 30m lengths this range of fall arrest blocks provide total protection when working at height. With twin inertia and speed activated brake pawls they react effectively even when used horizontally.

- Durable construction
- Supplied with load indicating karabiner on the rope

Fleet Code	Length (m)
FA 10	10
FA 20	20
FA 30	30



## Retrieval Block

A recovery fall arrest block that has all the features of a standard fall arrest device, but also incorporates an integral winch mechanism that allows the raising and lowering of a worker, in an emergency.

- Can be used for access and egress from a confined space
- 5mm galvanised wire rope, 15 metre length

Fleet Code
FAR 15



## Two Person Tripod

The tripod is designed to give a strong, stable and portable anchorage point for fall arrest and recovery systems. The tripod is the basis of a confined space entry and rescue system.

- Sturdy but lightweight aluminium
- 6 anchor points
- 2 overhead pulleys can accommodate rope up to 11mm

Fleet Code	Max Height (m)	Closed HT (m)	Max Base (m)	Min Base (m)	Weight (Kg)	SWL (Kg)
ABT3	2.4	1.4	1.7	1.1	20	250



## Accessories

### Work Positioning Belt

A fully adjustable work positioning belt includes comfort pad for lumbar support and has two side 'D' connectors for work positioning.

- Available with/without gear loops
- Can be added to any of our harnesses for ultimate versatility

Fleet Code
ABWP

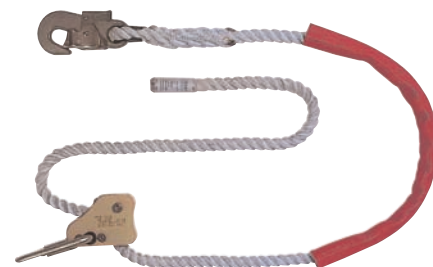


### Pole Strap

Used with a work positioning belt a 2m x 16mm rope back spliced one end and double action karabiner at the other. Enables the user to secure themselves by looping around a pole type anchor and leaning back.

- Fitted with manual rope grab for adjustment
- Fitted with wear sleeve

Fleet Code
PS 2



### Rollclamp Sliding Anchor

The rollclamp is a moveable anchor that attaches to the upper or lower flange of a steel beam and travels along the beam on nylon rollers enabling the user to move freely.

Fleet Code	Beam Flange Width		Max Flange Thickness (mm)
	Minimum (mm)	Maximum (mm)	
RC 45	100	380	45
RC 100	100	640	100



### Stopfor®

Stopfor® rope grabs are ideal for working on flexible lifelines and are available in either automatic versions (**Stopfor® S**) for vertical use, or with a manual adjuster for horizontal or inclined use. (**Stopfor® M**).

All models can be used on any length of rope and are easily attached and detached.

- Features fail-safe mechanism ensuring unit cannot be fitted incorrectly
- Operates on 14mm Polyamide rope



Stopfor® S



Stopfor® M