



**Single Source Fall Arrest Solutions**



Falls from height are the single biggest cause of death and one of the most significant causes of serious injury in the construction industry today.

Where workers need to operate quickly and effectively at height, fall protection is already a major issue – and it's going to become increasingly important as regulatory authorities introduce ever-stricter legislation.

With over 20 years' experience, SMD are FASET approved installers who carry out the design, installation and maintenance of Fall Arrest Systems. We help ensure our clients exceed their duties for safety through the wide range of temporary safety systems we offer.

The primary solution offered by SMD is Safety Netting, which provides passive collective fall protection. The UK Health & Safety Executive regards this system as their "preferred method of fall arrest when working at height". Safety nets protect workers on construction sites, preventing serious injury and death through the following benefits:

- Unlike personal Fall Arrest Systems, safety nets allow workers to move freely.
- They provide collective protection for all work and movement within the work area.
- Should anyone fall, the net provides a softer landing than a harness solution, with no risk of suspension trauma.
- Complicated rescue procedures are avoided as the faller can simply climb out of the net.

All of SMD's nets are manufactured and installed according to the European Standard EN 1263-1, EN 1263-2 and the Working at Height Regulations 2005. All SMD netting complies with stringent UK and European regulations and is tested in-house using state-of-the-art technology.

## Our Staff

All our safety net installers are trained to BS EN 1263-2. SMD has set itself apart from its competitors by ensuring the quality and training of its workforce through minimal use of sub contract labour.

All our operatives undergo a specialised NVQ 'General Riggers Training' course written by FASET industry experts, and we ensure they also undergo at least 200 hours of practical and classroom training. Only once the NVQ test and assessments are complete can they apply for a full CSCS/ FASET Safety Net Rigger card as proof of their competence.

SMD is a long-standing member of FASET – the trade association and training body for safety netting. FASET sets the standards for the supply, training and installation of safety nets in the UK.

# SMD's business strategy is very much based around a client-centric approach.

Quality, Service, Safety and Sustainability are the four key principles driving the business. Whilst ensuring our services exceed client needs, the development of the business is focused on meeting our clients' future requirements.



## Why use SMD?

SMD has been installing and managing Fall Arrest Systems on suspended composite deck projects for over 20 years. It has been a natural progression for us to offer a standalone fall arrest solution for our clients, working in partnership with some of the leading flooring manufacturers and building companies in the UK.

Working with SMD and our experienced in-house management structure enables

a seamless integration of the Fall Arrest System into your project.

Project specific safety documents are issued on every project to ensure compliance with the latest legislation and best practice.

Installing in excess of 500,000m<sup>2</sup> of safety netting each year, our experience demonstrates the variety and location of projects that can be accommodated.

## Benefits

- Access to a wide selection of fall protection solutions
- Over 20 years' experience working at height
- Nationwide coverage
- FASET membership
- FASET qualified workforce
- PAL+ trained MEWP operators

# Safety Airbag Fall Protection Systems

Safety Airbags, also known as air cushion systems, are installed by our fully trained operatives and are typically used in situations when netting is not practical i.e. floors supported on blockwork, installation of hollow core, beam and block floors or roof trusses.

## Benefits

- Maximises productivity, whilst still working safely on upper floors
- Quick to erect and dismantle
- Versatile solution to cover almost any project shape
- Effective solution where blockwork structures are being used

This system will not prevent falls but will reduce injury if a fall occurs.

The system comprises of a series of interlinked airbag cushions connected with hoses.

As the individual cushions fill with low pressure air they expand together to join and form a continuous protective safety surface.

The modules are manufactured from flame retardant materials in a range of standard sizes which, with simple planning, allows configuration for any house design or large commercial or industrial project.

The modules are connected by push connectors and/or flexible coupling and are inflated by an electric or petrol powered pump.

The system is designed to allow controlled air dispersion to ensure constant working

of the inflation pump and to avoid over-pressurisation, which could otherwise apply unnecessary pressure to newly formed masonry.

The installation and removal of the Fall Arrest System by our trained operatives can be accommodated within the production programme without any delay or disruption to the planned sequence of work.

When construction drawings are submitted, we will advise you on the best solution for your requirements with a set of modular units that will offer maximum protection along with a project duration for our works.

## Net Testing & Repairs

In addition to our extensive fall arrest portfolio, SMD also specialises in the testing and maintenance of fall arrest safety systems.

This includes providing inspection and maintenance of nets and airbags in accordance with the appropriate standards and specifications (e.g. BS EN 795, BS EN 7883 and BS EN 361).

SMD has a team of highly experienced technicians who can undertake full net inspections, testing maintenance and repair.

Their comprehensive knowledge of both installation and maintenance enables them to provide expert fault diagnosis.

Using our unique Nettag software, we can track an unlimited number of nets and airbags, giving full reporting on net location, net history and project specific reports, along with maintenance history.

A detailed inspection is carried out on each net before and after use and any repairs carried out are logged. The status of any net on a particular contract can be provided instantly to the hirer. Details available include: Certificate of Conformity, date of manufacture, annual test results, summary of damage and repairs carried out along with a historical log of hire for the net.



Net Testing



Net Track and Trace



Net Repairs

## Scope of Works

- Supply & Installation of Fall Arrest Safety Netting
- Rental of Fall Arrest Safety Netting
- Safety Net Testing & Repair Service
- Safety Net Sales
- Supply and Installation of Soft Landing Airbags

### Contact us today for a competitive quotation

For all your Safety Netting & Airbag requirements, please contact [estimating@smdltd.co.uk](mailto:estimating@smdltd.co.uk) or call 01202 718898, where our team will be happy to advise you.



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