

constructive solutions



Collective “soft” fall arrest

Patented solutions

Innovation and design

Sales and Hire

Airtek World Ltd

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Airtek World Ltd specialises in height and fall arrest protection systems. Airtek has become established as a leading specialist in this sector.

Airtek's patented modular airbag systems provide solutions across a broad spectrum of industry, from construction to material loading, from transport maintenance to sporting events. With an experienced management, we are proud that our services have helped to save lives and prevent serious injuries on sites across the country.

With a dedicated in-house manufacturing team, we are able to respond to client specific requirements and offer innovative solutions. Airtek Safety Ltd provides a fully national installation, hire and sales service.



The Work at Height Regulations 2005 (WAH2005)

The Regulations require duty holders to ensure:

- All work at height is properly planned and organised
- Those involved in work at height are competent
- The risks from work at height are assessed and appropriate work equipment is used
- The risks from fragile surfaces are properly controlled
- Equipment for work at height is properly inspected and maintained



The Regulations include schedules giving requirements for existing places of work and means of access for work at height, collective fall prevention (e.g. guardrails and working platforms), collective fall arrest (e.g. nets and airbags), personal fall protection (e.g. work restraints, fall arrest and rope access) and ladders.

The AirMat Safety System

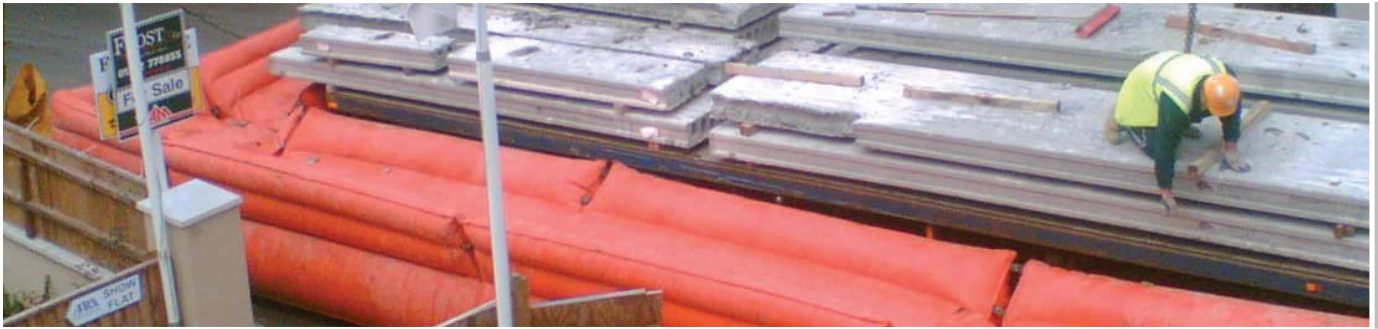


The patented AirMat Safety system is comprised of a series of interlinked modular airbag mattresses, which, when inflated with low pressure air, expand together to join and form a continuous "soft fall" protective safety surface. The low pressure also ensures no damage is caused to newly constructed masonry.



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

The modules are 1.5m high



The TruckMat System

The TruckMat system is a development of the patented AirMat system, which has been extensively tested in conjunction with the Building Research Establishment, brought about by client led demand and designed specifically to address the issues of falls from height when loading or unloading trucks and trailers and when carrying out high level vehicle maintenance.

The standard system comprises 9 inflatable modules, in a range of sizes, to accommodate a variety of truck and trailer length combinations and is inflated by a pump-driven fan which can be either petrol or 110v electric power.

The module width has been designed to accommodate potential fall heights of up to 3.5m.



The AirMat 750 System

The AirMat 750 system is comprised of 750mm high AirMat modules, designed specifically for the house building sector. It has the same range of module sizes as the standard AirMat range, including parapet modules, and has been extensively tested in conjunction with the BRE.

50m² of AirMats can be installed and ready in 15 minutes and only a single site container will store 350m² of product.

The AirMat 750 system is available for hire or sale and has a life expectancy of 5 years providing a continuous safe soft landing system.



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