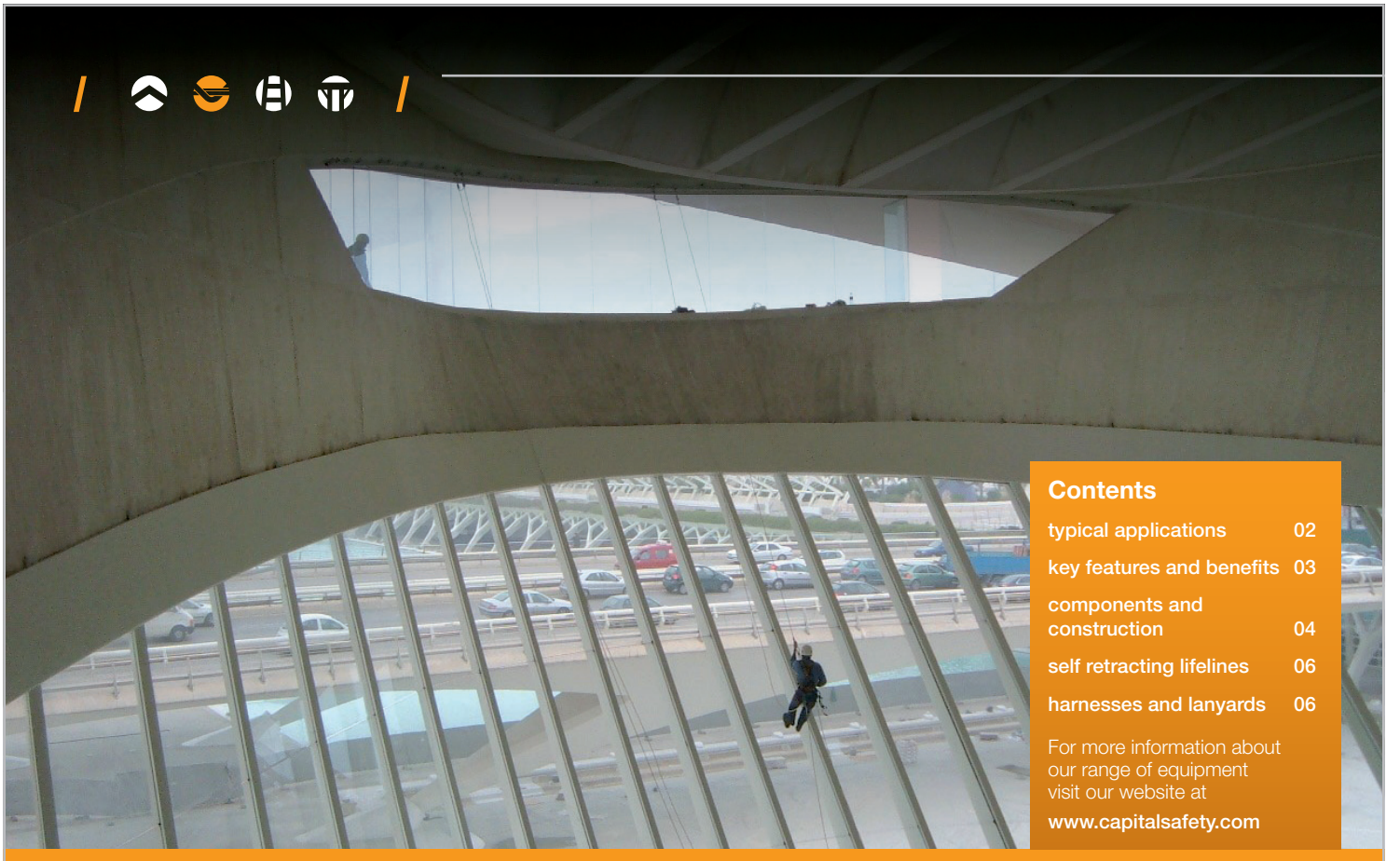
Uni-8™
Overhead

uniline®



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For more information about our range of equipment visit our website at

www.capitalsafety.com

Working safely at heights

Current workplace legislation requires that any person working at height should be properly protected against the risk of falling. This is especially important for people required to work in many aspects of building maintenance, structural and vehicle inspection and cleaning and construction tasks, as they can be exposed to significant risks whilst carrying out their duties.

Changes in weather, fragile roof elements, slips and trips, wind, steep inclines and slippery surfaces can all add to the dangers, so providing a safe system of work is essential, ensuring both compliance with regulations and the safety of employees and contractors.

The responsibility for providing a fall protection system falls to the building owner, employer or person in control of the work place. In new building design, the architect and person in control of the project, as well as the client, have a responsibility to 'design in' fall protection measures. The provision of a suitable solution should be based on risk and the work to be carried out, with a suitably qualified person assessing the workplace.

Protection from falls, by means of a secure and proven anchorage system, provides great reassurance to workers and helps them to carry out their job in a productive and efficient manner. Workers should not be exposed to unnecessary risks and, wherever possible, the highest standard of safety equipment to minimise risk should be provided.

The Uni-8® Overhead fall protection system was primarily developed to meet the needs of transport and industrial customers including trucks, trains and aircraft, crane walkways and loading bays. The system has also solved access and safety problems in the entertainment and arena industry. This quality safety solution can support heavy fall arrest and controlled rate descent devices, and ensures free and unhindered movement for the worker when carrying out work at height.

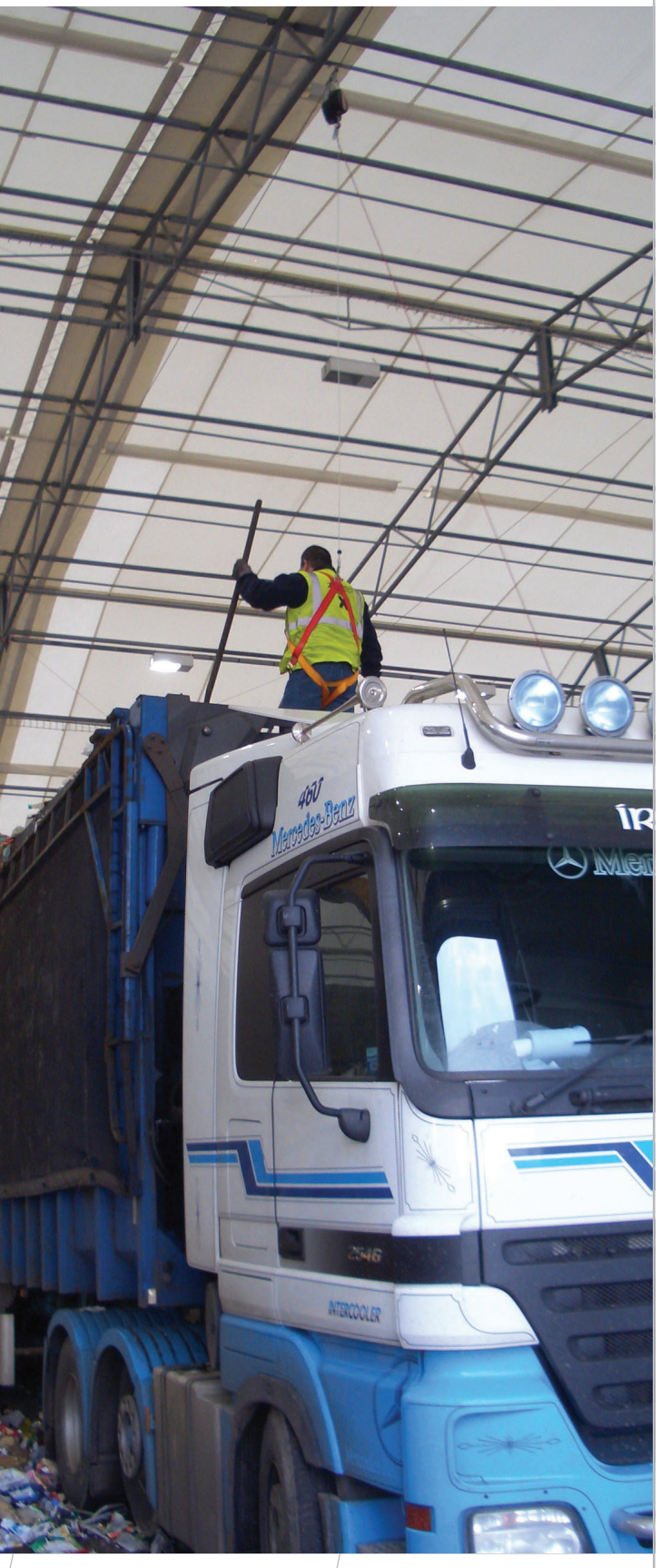
Uni-8® Overhead resolves functionality issues that would be experienced by using a standard horizontal lifeline for such applications and mitigates the difficulties associated with solving fall protection problems in conditions that can often be challenging.

complete freedom of movement

features and benefits

- Free running attachment carriage ensures complete freedom of travel and therefore movement for the user
- Sealed bearings in the carriage wheels reduce the need for maintenance
- High tensioned stainless steel cable supports heavy fall arrest devices when required and reduces cable deflections
- In line energy absorbers reduce load transfer to the structure in the event of a fall
- Available as a single or multi-span system
- Strong intermediate cable supports allow the system to span greater distances for long bay work areas and permit free passage of the attachment carriage
- Electro-polished components provide long-term corrosion resistance**
- Uniline for Windows calculation software, calculates system performance to ensure all system designs meet customer needs and are safe
- Supports multiple workers up to 140kg (310 lbs)
- Tested to EN795 class C and meets the requirements of AS/NZS 1891.2, is OSHA compliant, ANSI Z359.1 2007
- Capital Safety Systems Installers can provide design and installation of supporting steel structure

**some aggressive environments can cause corrosion and discoloration of stainless steel



Wall Anchor Plate – 316 stainless steel, electro-polished. 50kN (11,205lbs) min breaking strength. 2 x M12 fixing holes.

Unieye end anchorage connector – 316 stainless steel casting (electro-polished), 100% x-ray & die penetration inspection, 67kN (14,775lbs) breaking strength, Individual serial numbers for traceability, allows free movement of the system terminations.

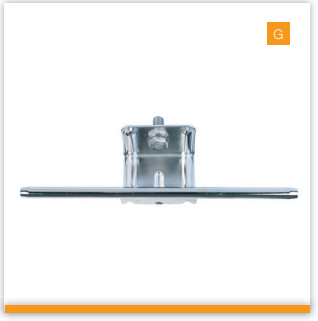
Inline Force Management Energy Absorber – Reduces the energy transferred to the structure as a result of a fall, 316 Stainless Steel (electro-polished).

best for industrial applications where the anchorage point needs to be above the users head

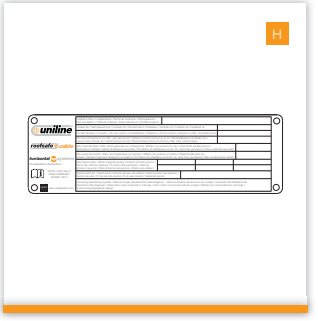
Enables the installer to set and check the correct system pre-tension, 316 stainless steel, safety lock nut and thread viewer.

Cable 8mm (5/16") 1 x 19 316 stainless steel, high degree of stiffness allows free travel of attachment carriage and reduces cable deflections.

Toggle – Terminates the end of the safety system, 316 stainless steel, hex swage provides installation flexibility.



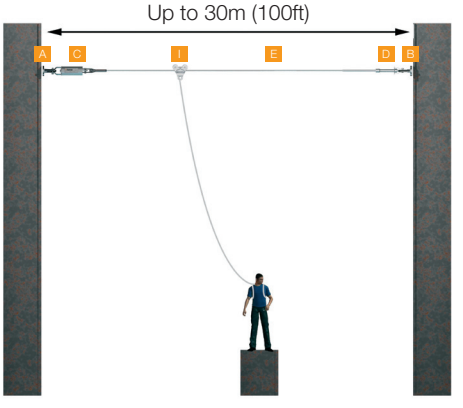
Intermediate Bracket – 316 stainless steel (electro-polished), pressed and ribbed to provide strength and support for use of heavy fall arrest devices.



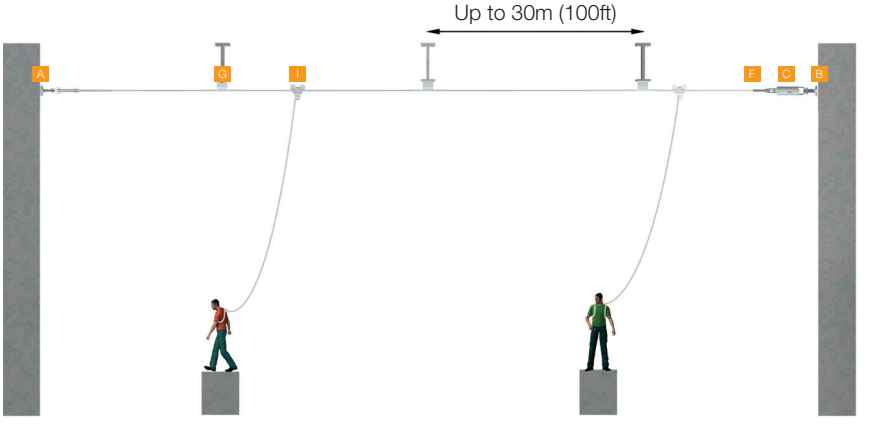
System ID Tag – Provides system installation traceability and information on limitations of use.

Attachment Carriage – Single user attachment, 17/4PH stainless steel casting – very strong, 100% x-ray and die penetration inspection, electro-polished for long term corrosion resistance, individually serial numbered for traceability, sealed bearings for smooth running and functionality, passes freely over intermediate brackets.

example: overhead single span system



example: overhead multi-span system



Self retracting lifelines (EN360)

Self retracting lifelines or retractable fall arrest blocks as they are also known, are also suitable for use in conjunction with the Uni-8® Overhead System. In the event of a fall the device will lock off, arresting the workers fall and controlling the forces that go into the system and the workers body to a safe limit.

Only devices approved by Uniline should be used on the Uni-8® Overhead System. This ensures the safety of your workforce, as many devices are not tested in conjunction with cable fall protection systems.

Your Certified Installer will advise you further on your equipment selection, including harnesses and training for your personnel for working safely at height.

Harnesses and lanyards (EN361, EN354, EN355, ANSI Z359.1, OSHA Compliant, CSAZ259.10-06 and Z259.11-05 – Canada)

Capital Safety also provides a range of harnesses and lanyards for use with our systems. Your Certified Installer can assist you in making the correct choice.

Many people engaged in Roofwork are actively using harnesses, lanyards and anchor points as part of their every day work activities. If they fall from or through a roof while attached to an anchor point it is unlikely they will be able to recover themself.

In this case, someone will need to recover the fallen worker in a safe and timely manner to prevent further trauma and in extreme cases, death. Capital Safety makes rescue planning straightforward with their comprehensive product and service offer.

evacuation & rescue at height

In the event that a person working at height falls while attached to a fall protection system, it is very unlikely that they will be able to recover themselves.

If this is the case, then specialized equipment used by trained personnel will be required to quickly and efficiently affect a rescue or recovery.

Failure to recover a worker suspended in a safety harness following a fall within a period of 20 minutes could lead to suspension trauma, which in some cases can be fatal.

In order to achieve such a rescue or recovery in time, it is essential that work is correctly planned, risks considered and intuitive equipment is available for use by competent people.

Capital Safety supplies a range of brilliantly engineered and highly intuitive rescue and evacuation products, that when combined as part of a complete access solution, effectively mitigate workplace risks.

Each device has been developed to offer simplicity of use and increase user confidence so that rescue provisions can be considered and implemented by those that need it across a wide range of industry sectors.

In many cases products offer cross functionality, which additionally reduces the need to carry multiple pieces of rescue equipment and saves money in both product and training.

Using Capital Safety's extensive experience we have put together a number of standard kits to ensure that you are equipped for every eventuality within your industry or sector.

Industry Roofing Rescue & Evacuation Kit

Capital Safety, through our Uniline brand, is the global market leader in the design and manufacturing of engineered fall protection systems. Through a combination of expert knowledge and practical experience, we can help our customers reduce risk and increase safety when working at height.

Our comprehensive Uniline range of products offers fully compliant, practical solutions for structures of all types, in all industries. Our mission of delivering quality, service, training and support for our customers has earned Uniline a deserved reputation for excellence around the world.

Operating through specialized safety companies globally, Uniline provides local support and installation services to meet the specific safety objectives of all our customers.

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