

UNI 8™ OVERHEAD



MAXIMUM SAFETY WITH MAXIMUM FREEDOM

STRONG • DURABLE • ROBUST



THE ULTIMATE IN FALL PROTECTION PRODUCT BROCHURE

UNI 8™ OVERHEAD FALL PROTECTION SYSTEM

COMPLETE FREEDOM OF MOVEMENT



Our comprehensive range of fall arrest and fall protection systems offer fully compliant, practical solutions for structures of all types in all industries. Our mission to deliver quality service, training and support for our customers has earned Capital Safety a deserved reputation for excellence around the world.

Capital Safety's certified trained installers provide industry-leading installation and training services throughout equipment life to help make your workers' safety a priority.

To learn more about engineered systems and more, visit www.capitalsafety.com.

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BEST FOR INDUSTRIAL APPLICATIONS

**WHERE THE ANCHORAGE POINT
IS ABOVE THE USERS' HEAD.**

PRODUCT OVERVIEW

The Uni 8™ evolution™ Overhead System comprises of an 0.31" (8mm) stainless steel cable permanently installed horizontal lifeline. It is suitable for any application where a user needs to move in a continuous line (straight and round corners) and suitable anchorage points are available overhead to connect to either ends of the line.

In 2011 Capital Safety acquired Uniline™ Safety Systems and the 0 8™ Overhead horizontal lifeline was added to its range. This system has now been combined with the DBI-SALA® evolution™ System to bring together two established and well respected horizontal lifelines while maintaining all the features and benefit of both systems.

FEATURES AND BENEFITS

- **The Uni 8™** overhead Traveler passes freely over intermediate brackets ensuring complete freedom of travel and movement for the user.
- **Sealed bearings** in the carriage wheels of the Uni 8™ overhead Traveler reduce the need for maintenance.
- **The Uni 8™ evolution™ Traveler** can be used as an alternative Traveler for systems with corners or when there is a requirement to remove the Traveler from the lifeline when not in use.
- **Curved overhead brackets** for installation of a lifeline around a corner for use with the Uni 8™ evolution™ Traveler.
- **High tensioned stainless steel cable** supports heavy fall arrest devices when required and reduces cable deflections.
- **In-line energy absorbers** reduces load transfer to the structure in the event of a fall.
- **Available as a single or multi-span system** for distances longer than 100' (30m).
- **Computer software** calculates system performance to ensure system designs meet customer needs and are safe.
- **Strong intermediate cable** supports allow the system to span greater distances for long bay work areas and permit free passage of the Traveler.
- **Electro-polished stainless steel (316) components** provide long-term corrosion resistance.*
- **Supports multiple workers** up to 310 lbs (140kg) each.
- **Tested to EN795 class C** and meets the requirements of AS/NZS is OSHA compliant.

* Some aggressive environments can cause corrosion and discoloration of stainless steel.



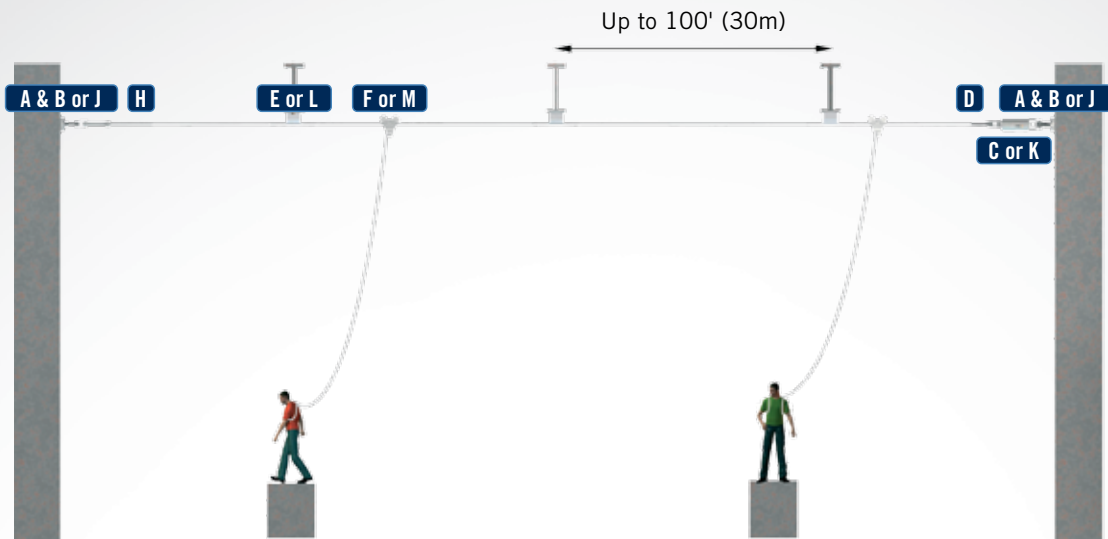
APPLICATIONS OVERVIEW

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.

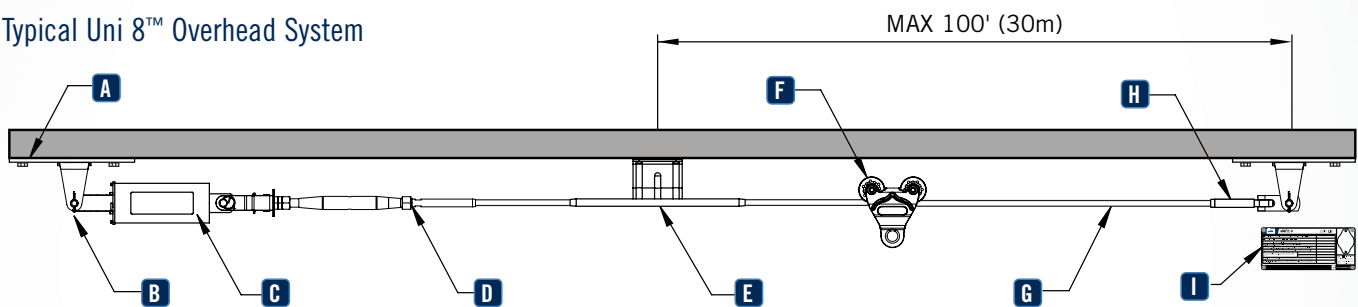
The system has also solved access and safety problems in the entertainment and arena industry. This quality safety solution can support heavy fall arrest and controlled rate descent devices, and ensures free and unhindered movement for the worker when carrying out work at height.

Uni 8™ Overhead resolves functionality issues 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.

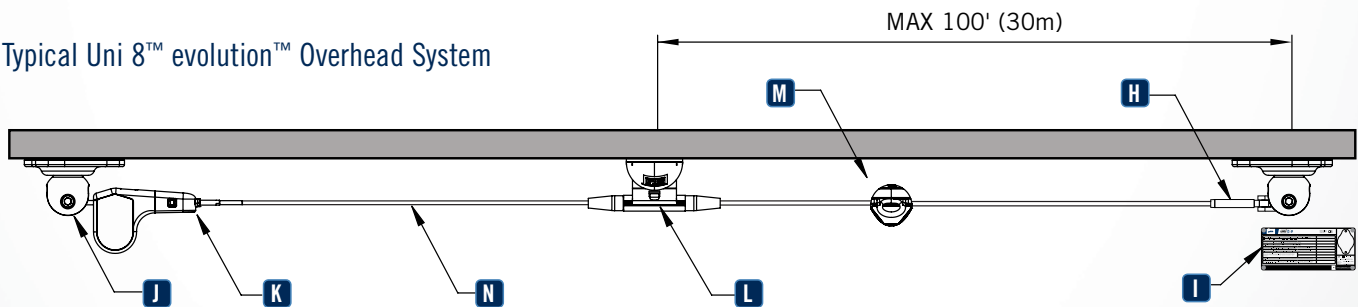
INSTALLATION EXAMPLES



Typical Uni 8™ Overhead System



Typical Uni 8™ evolution™ Overhead System



A Wall Mounting Plate

B Straight Eye

C Energy Absorber

D Tensioner 1,124 lbs (5kN)

E Overhead Bracket

F Overhead Traveler

G 0.31" (8mm), 1 x 19 Stainless Steel Cable

H 0.31" (8mm), Hex Swage Toggle

I System Tag

J evolution™ Triple Articulated Attachment Anchorage

K evolution™ Energy Absorber

L evolution™ Overhead Intermediate

M evolution™ Traveler

N 0.31" (8mm), 7 x 7 Stainless Cable

KEY COMPONENTS

TRAVELERS



UNI 8™ EVOLUTION™ TRAVELER



UNI 8™ OVERHEAD TRAVELER

END FIXINGS



UNI 8™ 1,800 LBS (0.8kN)
TENSIONER



UNI 8™ 1,125 LBS (0.5kN)
TENSIONER



UNI 8™ 0.31" (8mm)
HEX SWAGE JOINER



UNI 8™ 0.31" (8mm)
HEX SWAGE TOGGLE



UNI 8™ WALL MOUNTING PLATE



UNI 8™ STRAIGHT EYE

END FIXINGS



**UNI 8™ EVOLUTION™ HIGH
CAPACITY ENERGY ABSORBER**



UNI 8™ ENERGY ABSORBER



**UNI 8™ EVOLUTION™ MONO
ATTACHMENT ANCHORAGE**

BRACKETS



**UNI 8™ EVOLUTION™ TRIPLE
ARTICULATED ANCHORAGE POINT**



**UNI 8™ OVERHEAD
BRACKET**



**UNI 8™ EVOLUTION™
OVERHEAD SHORT CURVE**

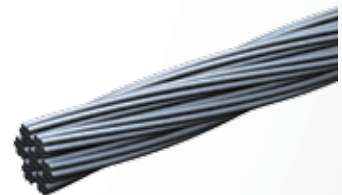


**UNI 8™ EVOLUTION™
OVERHEAD INTERMEDIATE**

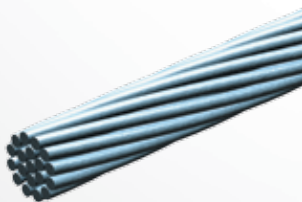


**UNI 8™ EVOLUTION™
OVERHEAD CURVE**

CABLE



**0.31" (8mm), 7 X 7
STAINLESS STEEL CABLE**



**0.31" (8mm), 1 X 19 STAINLESS
STEEL CABLE**

UNI8™ OVERHEAD SYSTEM COMPONENT COMPATIBILITY

In the Uni 8™ Overhead System there are two Traveler options to suit different applications. The table below shows the suggested components for a curved low tensioned system or straight high tensioned system. Full details of component compatibility can be found in the Uni 8™ Overhead technical manual.

		Curved System	Straight System
			
		Uni 8™ evolution™ Traveler	Uni 8™ Overhead Traveler
Tensioner		✓	✗
1,125 lbs (5kN) Tensioner		✗	✓
Overhead Intermediate Bracket		✓	✓
evolution™ Overhead Intermediate		✓	✗
evolution™ Overhead Curve		✓	✗
evolution™ Overhead Short Curve		✓	✗
evolution™ Energy Absorber		✓	✗
Energy Absorber		✓	✓
evolution™ Triple Articulated Anchorage Point		✓	✗
evolution™ Mono Attachment Anchorage		✓	✗
0.31" (8mm), 7 x 7 Stainless Steel Cable		✓	✗
0.31" (8mm), 1 x 19 Stainless Steel Cable		✗	✓

WORKING SAFELY AT HEIGHT

ONE OF THE MAIN CAUSES OF DEATHS AND INJURIES AT WORK IS FALLING FROM HEIGHT.

When working at height is unavoidable and other means of protection are not possible, horizontal fall protection systems may be your best solution.

The user attaches to a horizontal life line (HLL) system via personal protection equipment (PPE) such as a harness and an energy absorbing lanyard or self retracting lifeline (SRL). Uni 8™ Overhead is ideal for protecting workers carrying out a task at height over long distances as it provides continuous protection while the workers are able to carry out their work uninterrupted.

Uni 8™ Overhead Systems are typically installed by a Capital Safety Certified Installer who has been fully trained and authorized, and are supported by inspections every 12 months to ensure system integrity.



RECOMMENDED DBI-SALA® ACCESSORIES



EXOFIT NEX™ HARNESS

EXOFIT NEX™



EZ-STOP®
LANYARD



ULTRA-LOK™ SRL



I-SAFE™

iSAFE™
Powered by Pervidi™



SELF RETRACTING LIFELINES

Self retracting lifelines (SRL), also called retractable fall arrest blocks are suitable for use with the Uni 8™ Overhead System. In the event of a fall the device will lock, arresting the workers fall and limiting the forces that go into the system and the workers body to a safe limit.

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

Your system advisor can recommend additional equipment and training for your personnel for working safely at height.



INNOVATION THAT BRINGS WORKERS AT HEIGHT HOME SAFELY.

Capital Safety is a global company solely dedicated to fall protection and rescue. Our focus is razor sharp. And it continually drives us to design and manufacture the safest possible height safety gear.

We understand the industries we serve and listen to the workers in the field. We employ the best engineers to create innovative solutions and patent the products that keep workers safe at heights around the world. Capital Safety has the best quality and largest range of fall protection products in the industry. But we're more than a product company.

We take an innovative approach in bringing our products to the field. We have created international partnerships and a vast network of authorized distributors, certified installers and service centers. We offer on-site and in-house training. And we're ISO 9001-2000 certified for customer service, as well as manufacturing and engineering.

Capital Safety is one of the world's leading manufacturers of fall protection and rescue equipment, with decades of experience and a legacy of innovation. Look for complete solutions in our extensive line of DBI-SALA® and Protecta® products.



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