

HIGHSTEP
SYSTEMS



**THE FALL
PROTECTION SYSTEM
OF THE FUTURE.**



**WE WILL TAKE YOU
TO UNIMAGINABLE
HEIGHTS SAFELY AND
COMFORTABLY.**



HighStep Systems AG offers a unique fall protection system for safe, efficient and ergonomic access to hard to reach locations up high and down low.

Our mission

Is to automate climbing on hard-to-reach workplaces through innovative and pioneering products that enable each of our customers to increase their safety at work and boost their productivity.

Our products

Constant innovation and the highest quality of standards push us to develop the best and most reliable products for our customers. All products are always compatible with the rail. The HighStep fall protection system consists of two different components, the aluminium rail as the system support and your choice of climbing equipment: the HighStep Easy and the HighStep Lift.



**THE WORLD'S
FIRST MOBILE
SERVICELIFT.**



Certified by TÜV Munich

Our commitment to producing high-quality climbing protection systems is confirmed by extensive certificates.

Innovation from Switzerland

HighStep Systems relies on technological precision and ergonomic efficiency to develop products that both protect health and increase work efficiency.

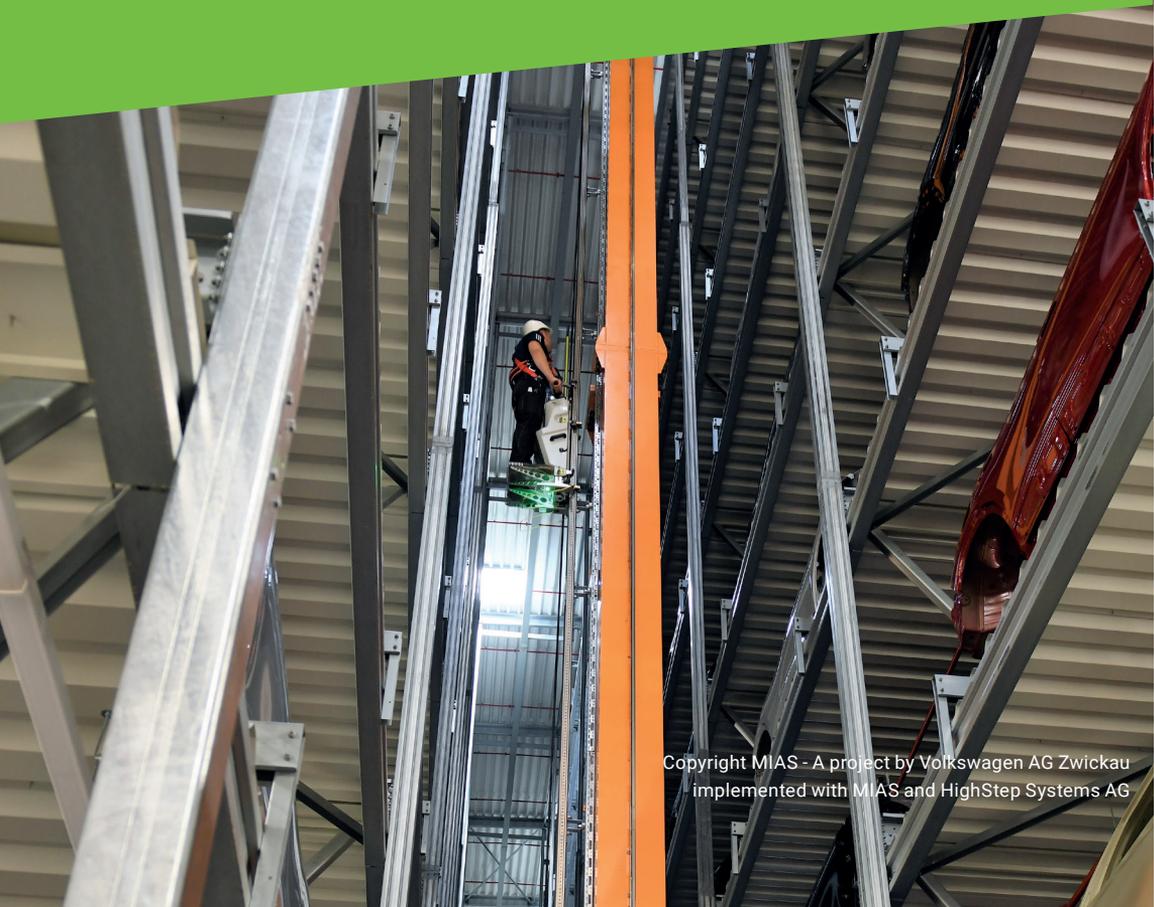
Unrivaled safety standard

The HighStep Lift sets fundamentally new standards in terms of climbing protection systems and opens up completely new possibilities.



Applications

There are a vast number of hard to access work areas around the world, whether they are high up or down low. Every day professionals must reach these areas at a high risk. The innovative HighStep fall protection system enables extremely safe and efficient access, and it is suitable for a wide variety of applications.



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implemented with MIAS and HighStep Systems AG



Power grids

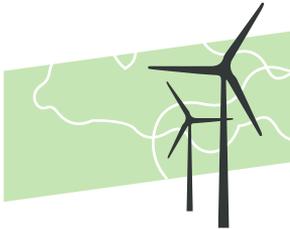
The HighStep System provides an ideal access solution for every type of pole, tower, mast or pylon.

We have a solution for every design.



Industry and infrastructure

For industrial plants and buildings, the system provides safe access for chimneys, facades or high building elements.



Wind power

New and existing wind turbines can be easily equipped and retrofitted with the HighStep system.



Shelf operating devices

The system enables easy and safe access. Maintenance-free rails and ergonomic access equipment ensure employee safety and smooth work processes.



Telecom / transmission masts

Regular maintenance and repair-work on telecommunications systems as well as transmission or mobile radio towers can be optimized with the HighStep System.



Cable car

Safe access to cable car masts is made possible by the system. It is maintenance-free and prevents unauthorized access.



Advantages

Safe, versatile, efficient, ergonomic, comfortable, robust, maintenance- free – the HighStep fall protection system offers our customers and users significant added value in all aspects.



Safety and security

HighStep offers the user maximum fall safety. The user is permanently secured to the rail with his climbing device. Once attached to the rail, it is not possible to slip or fall.



Maintenance-free

The HighStep rail, connecting profiles, spring clips and fixings are maintenance free. This means that regular checks are no longer necessary after installation on the structure, reducing costs and freeing up manpower.



Cost-effectiveness

HighStep offers an outstanding return on investment over the service life of the climbing system. After the initial investment, it is the low long-term follow-up costs (free of maintenance) and efficiency gains (time saving during climbing and long-term operational capability of the workforce) that make the system so economical.



Future-oriented technology

The HighStep rail remains forever unchangeable. Devices available today will run on all rails – and new generations of devices will run in today's rail. In addition, these devices will always take on new tasks and functions.

The HighStep Rail

The system support with maintenance-free rail: easy to install, durable and extremely resilient.



The system support

The standardised aluminium rail serves as the base for the system. It is easy to install and permanently fixed to many different structures.



Maintenance-free rail

The HighStep rail remains maintenance-free for its entire service life due to the design and due to being classified as being subject to the Machinery Directive. The anodised surface of the rail offers additional protection from severe environmental conditions.



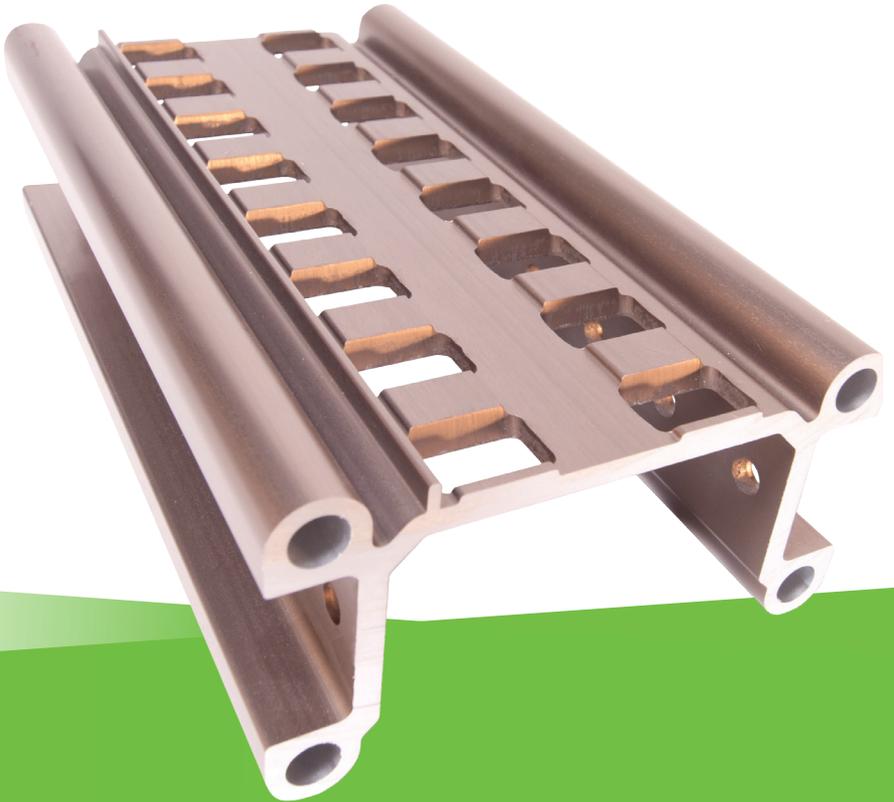
High strength

The rail is high strength and only needs to be anchored to the structure on average every three metres. This gives the client new options and maximum flexibility in implementing projects.



Flexible and easy installation

The HighStep rail is extremely easy to install and is compatible with most structures regardless of the design or the material. The rail can be adapted to conform to the structure's shape on site and this flexibility considerably reduces the preparation required before installation compared with conventional climbing systems.



Technical Data

Material	Aluminium
Corrosion protection	Eloxal and offshore coating
Rail section length (standard)	6 metres
Weight of rail	3.4 kg per m
Strength	5 t per rail segment
Minimum bending radius	15 m
Applied standards	Directive 2006/42/EC
Inspection / maintenance	Inspection and maintenance-free

HighStep Protector

Climbing on the rail is always done in conjunction with the independent fall protection device, the HighStep Protector. This serves as a moving safety element and third safety point on the rail.



The fall protection runner

The rail is always climbed in conjunction with the HighStep Protector which is an independent fall protection device. The device provides constant protection and offers an additional connection to the rail.



Maximum safety

In the event of sudden downward movement, the Protector locks onto the rail, making a fall impossible. Combining the HighStep Easy and Protector minimises the fall and the built-in shock absorber ensures maximum safety.



Excellent running characteristics

Multiple rollers on all sides and being optimally aligned with the rail make the Protector particularly smooth running. The smart design prevents accidental hooking and allows an extremely comfortable and safe climb.



Built-in anchorage point

The Protector is the only safety runner of its type to secure to an anchorage point with a single movement in an emergency. It is approved for two people according to EN 795 B.



Technical Data

Max. payload	150 kg
Weight	700 g
Inspection	Every 12 months
Applied standards	EN 353-1: 2014 + A1:2017 EN 795/B:2012 and CEN/TS 16415:2013
Special advantages	Approved as anchorage point for rescuing two persons

HighStep Easy

The ergonomic climbing system – as easy as climbing stairs, but much safer.



Climbing on mobile pedals

The base model for climbing is the HighStep Easy, consisting of two separate pedals. Hook the pedals onto the rail to climb, the binding will fix the user's foot to the pedal.



Safety redefined

The pedal fixes securely to the rail, reliably preventing any falls, as it is impossible to accidentally miss-step, trip or slip.



Ergonomic climbing

The user is always climbing in an upright position and can choose the height of each vertical step. The motion sequence is similar to that of climbing stairs. The pedals can also serve as rest and work platforms.



Technical Data

Max. payload	150 kg
Weight per pedal	2.2 kg
Inspection	Every 12 months
Applied standards	Directive 2006/42/EC
Special advantages	Built-in rest

HighStep mobile anchor point

The HighStep mobile anchor point serves as an optimal additional material and personal safety device. It is an indispensable tool for your rescue concept.



The mobile anchor point

With the mobile anchor point, you can additionally secure your equipment or yourself during work.



Rescue

Every second counts in emergency situations when you're working at height. With the mobile anchor point by HighStep Systems, an anchor point can be immediately attached above the person to be rescued allowing a retractable type fall arrester to be quickly deployed to relieve a potentially dangerous and stressful situation.



Can be used anywhere

The mobile anchor point can be attached anywhere on the rail.



Locked in a flash

The mobile anchor point can be locked in the desired position with a single click.



Technical Data

Max. payload	1 person Rescue 2 persons
Weight	1070g
Inspection	Every 12 months
Applied standards	EN 795:2012 und CEN/TS 16415:2013
Special advantages	Can be attached to the rail almost anywhere and quickly

HighStep Lift

The HighStep Lift is the world's first mobile, battery powered service lift for all types of structures and towers. The lift allows an efficient, safe and comfortable climb. Once in service, you will never want to be without the HighStep Lift.

Advantages

- ✓ Automatic ascent and descent
- ✓ Independent fall arrester
- ✓ Battery pack charges during descent
- ✓ Hand-held remote control
- ✓ Two-hand safety switch
- ✓ Manual emergency down





**New
Video!**

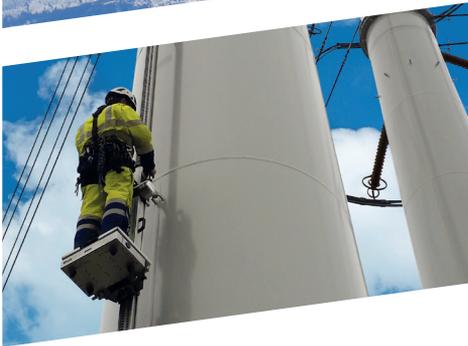
Technical Data

Maximum load capacity	150kg
Weight (without battery pack)	44.1kg
Weight battery pack (removable)	9.4kg
Climb rate (at 100 kg and 20 °C ambient temp.)	24 m/min

Climb range	3000m
Rated ambient temperature	-20 °C to +50 °C

Protection class	IP65
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