

Suspended Platform Systems

Platforms, hoists and outriggers

XSPHILOSOPHY: DRIVEN BY INNOVATION

WE ARE GUIDED BY FIVE CORE VALUES:

SAFETY ABOVE ALL

FOCUS ON THE CUSTOMER

SIMPLICITY DEFINES QUALITY

THE BEST ISN'T GOOD ENOUGH

THERE IS NO SUCH THING AS A PROBLEM

At XSPlatforms we think that everyone working at heights should be able to do this safely and easily. Whether it is a maintenance job at 30 meters (98 feet) above ground or a renovation at 130 meters (426 feet) high up, one needs to feel safe working at height anywhere around the globe.

Innovation is more than just a clever idea. For us, innovation begins with listening well and discovering what the real needs of our customers and users are. Through this approach, our modular mobile suspension platform installation has quickly become the new standard for easy and efficient work. Furthermore, this revolution in the field of high temporary work platforms was done without making any concessions in regard to maximum security.



MODULAR SUSPENDED INSTALLATIONS

Our modular suspended platform system are ideal for temporary access at height and guarantees optimum benefit and convenience for both renters and end users. The platform, connected to two or more XSClimber hoist units, can be easily configured to twelve meters in width.

DISTINCTIVE DESIGN

Our suspended platform system can be used for inspection, maintenance, repair and painting of exteriors or ceilings. The work can be completed quickly or multiple jobs could be performed daily, as our system can be assembled and disassembled on site. The design of our modular platform system is distinct: never has there been another system this compact, mobile and user friendly. It guarantees fast assembly and dismantling, and takes up little space during transport and storage.

QUICK CONFIGURATION WITHOUT TOOLS

The difference is in smart product innovation. Safety, mobility and convenience of use have been taken to the next level. These innovations and the long lifespan of our platforms make XSPlatforms modular cell suspended platform system unique and, moreover, particularly suitable for rental.

The modules can be unfolded up and out. To make them ready for use, simply fit together the platform floor, the longitudinal beam and the rails to form a whole. Separate modules can then be quickly and easily connected using a connecting frame with integrated handrail support, which ensures the system is literally set up in an instant. Thus, one can determine the desired configuration and realize it within a few minutes in any situation, without utilizing tools and avoiding time-consuming (dis)assembly. Using only three operations, the modules can be fixed together or loosened and made ready for use or folded away and transported.

UNIQUE CHARACTERISTICS OF OUR PLATFORMS

From our perspective, maximum safety is not simply one unique feature in suspension platform systems, but is rather its very core. The XSPlatforms modular suspended platform system meets the requirements of the EN 1808 safety standard.

Through sole use of extrusion profiles, the modules of the suspended platforms are produced without welding and are, thus, strong and solid, without any weak points. Our platforms have distinctive characteristics that make (the use of) our system unique.



FAST AND COMPACT

The platform is made up of foldable and expandable modules which can be linked together or disconnected easily and without utilizing any tools. Using our method, a configuration of twelve meters requires only thirteen types of components. After use, the modules can be taken apart and quickly folded. Thus, the system is so compact that it requires minimal transport and storage space.

USER FRIENDLY

The XSPlatforms suspended platform system is twenty percent wider than other comparable systems. Additional functions are integrated into the patented profile. There is enough space for a prominent advertising banner, which is particularly interesting for a renter. Thanks to a special slot in the extrusion profile, power cables are neatly and safely stored. Additionally, a work tool tray has also been included in the platform design.

LIGHTWEIGHT

Not only do our platform modules consist of just a few separate parts, but everything is made of lightweight aluminum. Moreover, there is only one central control unit, which reduces the weight of both the unit and the cables significantly. For the same reason, the floor element does not consist entirely of aluminum, but is rather a combination of aluminum and plastic.



TWIST & LOCK

Using the Twist & Lock handrail support ensures the suspended platform system is folded literally in an instant. This handrail support is integrated into the connecting frame that connects the individual modules to one another in just three safe and easy steps.



MODULAR EXTRUSION PROFILES

The platform can be assembled from expandable modular extrusion profiles of one, two and three meters. Through combining these, the exact right configuration is created effortlessly for each specific situation.



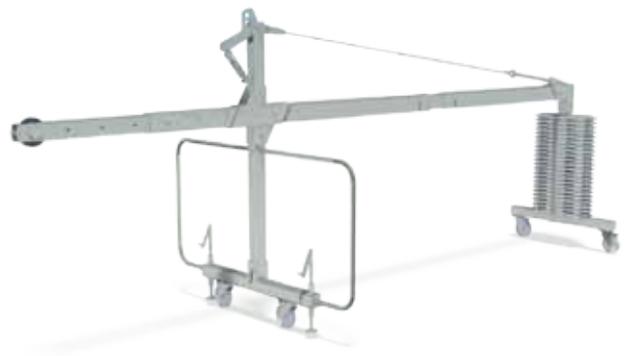
CENTRAL CONTROL

Only one (centrally mounted) control unit per platform is necessary in order to carry out all the desired operations. It is instantly ready for use through the simple plug & play principle. By inserting only one plug into the power supply, the entire system is ready to be put into operation.



OUTRIGGERS

Our roof beam is CE-tested and, as part of the entire suspended platform installation, conforms to all the (international) standards. We continue to innovate all our products, systems and technologies; just as in regard to platform mobility - efficiency and optimum safety remain the key starting points. As a result, in regard to roof beams, the focus is on the following key features:



MINIMUM WEIGHT

Thanks to the innovative design, a strictly limited number of components and use of aluminum, our roof beam is remarkably lightweight.

EASY ASSEMBLY REQUIRING NO TOOLS

The roof beam is easy to slide together and, with the help of pins, is safely stored without using any tools.

CONVENIENT COUNTERWEIGHTS

The counterweight of approximately 23 kg (50.7 lbs) can be moved by one person, and has integrated handles for additional convenience when lifting.

SAFE ASSEMBLY BY ONE PERSON

Using easy assembly, the maximum weight of 23 kg (50.7 lbs) per unit and the convenient counterweights, one person can get our roof beams ready for use safely and without problems.

INTEGRATED SHOCK ABSORBER

In rare cases of the platform's abnormal behavior, the shock absorber receives the full force of the shock. This prevents roof beams from swinging out of position and ensures that they continue to function correctly. This absorption also protects users against unexpected movements of the suspended platform.



XSClimber

In addition to the unique modular suspension platform design that can be used for all markets worldwide, XSPlatforms has also developed a compact, universal hoist unit. While in use, the XSClimber is barely audible; the traction hoist has a characteristically flat design. The hoist is easily transported by two people and is, therefore, not difficult to mount on the suspended platform.



PLUG & PLAY ASSEMBLY

The XSClimber needs only to be connected to the power supply in order to be ready for use. Therefore, minimum user experience is necessary to properly assemble this system.

LOW MAINTENANCE

The XSClimber is made of high quality, durable materials. In addition, the hoist has a closed casing that provides optimal protection against any weather condition. The advantages of these properties are increased durability and considerably low maintenance - about once every three years instead of annually.

INTERNATIONAL COMPATIBILITY

XSPlatforms has developed a hoist that can be used universally. The XSClimber has passed the durability test according to the EN 1808 standard; and the Working Load Limit (WLL) of the hoist is established at 500 kg (1100 lbs) per hoist. Where necessary, the specifications of the hoist are concentrated on the applicable standards and regulations. Thus, for example, the Printed Circuit Board (PCB), together with all the electronic components, can be easily replaced and, hence, used anywhere in the world.



SECONDARY FALL PROTECTION

Secondary fall protection is applicable universally and is installed optionally. The two possibilities of slack rope safety or overspeed brake depend on the wishes of the customer and/or the use of one or two steel wire ropes (may vary according to country and/or region).

WHY FALL PROTECTION?

Secondary fall protection, which provides extra security, is a mandatory addition to the XSClimber. This can be a centrifugal brake (for a single cable) or the slack cable safety device (for two cables). In the unlikely event of a cable break, these solutions guarantee that the suspension platform does not fall, but is restrained immediately and remains in position.

SLACK ROPE DEVICE

A typical example of a hoist features two steel wire ropes (cables): one by which the traction hoist lifts itself up and a secondary cable for safety. If the lifting cable is no longer under tension, the slack rope device is immediately engaged at an angle of fourteen degrees or in case of a break. The slack rope device is designed in such a way that, in emergency situations, it activates the brake. Thus, the suspended platform always remains connected to the XSClimber and will not fall.

OVERSPEED DEVICE

Because our hoist is universal, this action can also be performed using a cable. In this case, the overspeed system is forced to start before the cable slips through the brake. This is ensured through the mechanism of the centrifugal brake, which is similar in operation to a seat belt. The brake is forced into operation and the cable is secured at a falling speed of 12 m/s.



Slack rope device

Overspeed device

COMPONENTS

The XSClimber is assembled for easy use with the greatest care and a host of features that makes this traction hoist unique in its class.



CONTROL PANEL INCLUDING EMERGENCY STOP

SIMPLE OPERATION

The suspension platform system is very easy to operate, thanks to the special compact control cabinet combined with our all-in-one control panel. Due to fully integrated required functions, it is no longer necessary to purchase additional equipment to install in the system. Our display has a digital counter, an emergency stop, lifting and lowering functions and other additional indicators usually found on central control units. Furthermore, all electronic functions are collected on just one Printed Circuit Board (PCB), which is easily maintained and replaced.

SUSPENSION WITH OVERLOAD

The Working Load Limit (WLL) of the hoist is determined at 500 kg (1100 lbs) per hoist, and the integrated overload has been developed in order to prevent excess load. In this way, the platform cannot be used in case of overload.





ALWAYS THE RIGHT SOLUTION

XSPlatforms thinks from the perspective of the customer and their specific needs. Each construction has its unique details that may require a tailored approach. Due to such customized thinking, XSPlatforms is able to offer the right solution for any industry, market and each building.

APPLICATIONS

Our distinctive product innovations that flawlessly combine safety and ease make our suspended platform system suitable for a wide variety of temporary work at height. Moreover, our suspension platform systems are suitable for the following applications and industries:

- Rental
- Building maintenance
- Renovation
- Facility management
- Special maintenance
- Large-scale industrial maintenance
- Offshore
- Aviation

SPECIFIC SOLUTIONS

Buildings within these industries are extremely varied. Offices, apartments, churches, shops, new construction, factories, and also unusual structures such as, for instance, wind turbines. Through use of angular solutions, wind turbines can be serviced or repaired utilizing our suspended platform installation which is, in this case, placed high up around the mast.



About XSPlatforms

XSPlatforms develops revolutionary solutions for working at height safely and efficiently. From design and production, to installation, inspection and maintenance of systems for facade access. From its branches in Europe, Asia, the Middle East and North and South America, XSPlatforms also provides training for users, risk inventories and world-wide consultancy services.



What sets XSPlatforms' solutions apart is their attractive, durable design, their high level of reliability, their unprecedented ease of use and their practical innovations. Our portfolio includes:

FALL PROTECTION

Maximum permanent protection is offered by our guardrails and lifeline systems. With minimum damage to roofs and rapid assembly our products for portable fall protection are amongst the finest systems in the world. All fall protection solutions are designed with the user in mind: practical, safe and intuitive.

FACADE ACCESS EQUIPMENT

Safety regulations get more strict everywhere. To ensure a minimum impact on the architectural value of a building, our durable building maintenance units are tailor made, adapted to a building's specific characteristics. With state-of-the-art technologic features, our gondolas and roofcars offer optimum protection to the user.

SUSPENDED PLATFORM SYSTEMS

The best yesterday, isn't good enough today. With that in mind our team of designers has come up with a new, patented design for scaffolding systems. Safer upon assembly, during use and when dismantling. This revolutionary system offers users more freedom of movement, safer use and easier transport.

SCAFFOLDING SYSTEMS

Scaffolding systems that are easier and safer to install than anyone thought possible. Systems that combine the advantages of scaffold towers and walk-through scaffolding, while providing users with optimum flexibility and safety.

