Scaffolding systems

Aluminium facade scaffolds and mobile scaffold towers
At XSPlatforms we believe that everyone who has to work at height must be able to do so safely and easily. Whether this involves minor maintenance or an entire renovation: everyone - regardless of where they are in the world - must be able to work at height safely.

We work to achieve this ambition every day. Through innovation, we strive to make our products not just safer, but also more accessible and more user-friendly. In our opinion, innovation is more than just having a good idea. Real innovation is discovering what the true needs of customers are and acting accordingly.

Scaffolding is a trusted, proven method of accessing heights. Still, there is plenty of room for innovative ideas. With a new perspective on scaffolding systems, XSPlatforms has developed solutions that offer unparalleled safety and usability.

To read the full XSPhilosophy, visit xsplatforms.com
A NEW PERSPECTIVE ON SCAFFOLD SYSTEMS

With conventional scaffolding systems, the next level is always entered before guardrails are in place. Standing on a platform unprotected is a risk, especially when the height of the scaffold exceeds 3 meters.

With our new generation of scaffolding systems, these dangerous situations are a thing of the past. This brochure contains information about the SafeScaffold (facade scaffold) and the SafeTower (mobile scaffold tower).
XSPlatforms eliminates the unnecessary risks that have been considered normal for years. Thanks to a revolutionary assembly method, users are always protected from falls; not only when the scaffold is in use, but also when it is being assembled or disassembled.

Our Scaffolding Systems make scaffolding more user-friendly than ever before. Both systems do not require any tools, so they are quick and easy to assemble. Even with no prior experience. This makes them suitable for everyone: from professional users to hobbyists at home.

Scaffolding may cover the facade of a building for days or weeks. All too often, it looks messy because of improvised fencing, parts that have been removed or drooping nets. XSPlatforms’ Scaffolding Systems are not only safe and user-friendly, but also look good and tidy.

Because we use high-grade aluminium and advanced composites, all the components of our Scaffolding Systems are lightweight. Together with ergonomic profiles, they are designed for easy lifting and handling.

XSPlatforms is ISO9001 certified and works with standardized procedures. All of our Scaffolding Systems have been tested and certified by independent Notified Body TÜV Nederland, according to the European standards EN12810 and EN12811 (facade scaffolds), as well as EN1004 (scaffold towers). All our solutions are designed and tested to meet or exceed OSHA and ANSI requirements.
Safescaffold

Its unique features make this facade scaffold easy and effective to use and, no fall protection is required.

<table>
<thead>
<tr>
<th>SafeScaffold</th>
<th>Standard</th>
<th>EN 12810-1/-2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EN 12811-1/-2/-3</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>3 (200 kg/m² ~ 41 lbs/ft²)</td>
<td></td>
</tr>
<tr>
<td>Platform lengths</td>
<td>250 or 305 cm (8’2” or 10’)</td>
<td></td>
</tr>
<tr>
<td>Platform width</td>
<td>61 cm (2 ft)</td>
<td></td>
</tr>
<tr>
<td>Scaffold width</td>
<td>135 cm (4.5 ft)</td>
<td></td>
</tr>
<tr>
<td>Maximum scaffold length</td>
<td>Unlimited</td>
<td></td>
</tr>
<tr>
<td>Maximum working height</td>
<td>30 m (approx. 99’)</td>
<td></td>
</tr>
<tr>
<td>Vertical h-Frame weight</td>
<td>10 kg (22.0 lbs)</td>
<td></td>
</tr>
<tr>
<td>Guardrail Frame weight</td>
<td>12/14 kg (26.4/30.8 lbs)</td>
<td></td>
</tr>
<tr>
<td>Platform weight</td>
<td>18/22 kg (39.6/48.5 lbs)</td>
<td></td>
</tr>
<tr>
<td>Maximum platform load</td>
<td>310 kg (683.4 lbs)</td>
<td></td>
</tr>
<tr>
<td>Wall thickness</td>
<td>2 mm (0.078&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

VERSATILE

Most scaffolding systems excel in only one aspect: either freedom of movement between sections (walk-through frames) or adjustable working heights (ladder frames). With the SafeScaffold, XSPlatforms combines the best of both worlds.

The height between the platforms is always 2 meters (6’6") at the exterior side of the scaffold. On the interior side, the height between platforms can be adjusted according to the work that is being done. This provides the user with the ideal working height in any situation.

The SafeScaffold can be assembled up to a maximum working height of 30 meters (99 feet). There is no limit to the length of the scaffold or number of corner sections, which can be created using special frames. An integrated ladder system ensures easy access and optimal freedom of movement between the various levels.

THE IDEAL WORKING HEIGHT

CONFIGURATION POSSIBILITIES
The SafeScaffold provides a user-friendly solution for controlled access. It can easily be equipped with lockable fences that prevent unauthorized persons from accessing the scaffold.

Integrated Toeboards
The End Frames and the Guardrail Frames on the exterior side of the SafeScaffold have integrated toeboards so it can never be assembled without them.

Fast Assembly
The SafeScaffold uses fewer parts than conventional facade scaffolds, and its assembly does not require any tools – most parts simply slide into place.

Durable
The platforms are tough, extremely durable and easy to stack. They are equipped with strong decking made from an advanced composite that is lightweight and requires little maintenance.

Netting
Special attachments on the Guardrail Frames make it possible to safely and efficiently install netting while still in the storage depot, before the scaffold is assembled.

Security
The SafeScaffold provides a user-friendly solution for controlled access. It can easily be equipped with lockable fences that prevent unauthorized persons from accessing the scaffold.
1. Assemble the base, with diagonals for stability

2. Install the platforms, Guardrail Frames and Access Stairway

3. Secure the next level: install the h-frames, Guardrail Frames and Diagonals.

4. Install the platforms and End Frames.

5. Secure the next level: install the h-frames, Guardrail Frames and Diagonals.

6. Install the platforms, End Frames and Top Frames. Diagonals are installed in just one section.
GUARDRAIL FRAME

The SafeScaffold surpasses conventional systems in many ways. One of the components contributing to this is the Guardrail Frame, which makes assembly of the scaffold quick, easy and safe.

SAFETY ABOVE ALL
To save time, users may be inclined to temporarily remove, or leave out, certain components when erecting a scaffold. This can lead to dangerous situations. Thanks to the Guardrail Frame, the SafeScaffold can only be assembled with the required safety components locked in place, where they remain for the duration of a project.

LIGHTER, FASTER, SAFER
The solution is both simple and effective. The Guardrail Frame has all the required safety features integrated in a single, lightweight component. At the bottom, the Toeboard prevents tools or debris from falling down, protecting workers and pedestrians below. In the middle, the mid- and top rails provide fall protection for the users. The result is a single frame that allows workers to install all essential safety features in a single action, saving them a lot of time.

The Guardrail Frame is made from a high-grade aluminium alloy. The tubes are nearly as thick, have equal strength, but weigh only a fraction of their steel counterparts. This makes it very easy to lift the frame and assemble the scaffold from the inside. With all the required safety components pre-attached, workers can prepare a safe working platform before entering it. This means no fall protection is ever required.

We designed the SafeScaffold in such a way that parts simply slide in place. This way it can be assembled quickly and without using any tools. Because the guardrails and toeboards are welded onto the frame, it is extremely sturdy. This makes numerous diagonals a thing of the past: the SafeScaffold only needs to be secured with diagonals on one side every five sections. Yet, it is more stable than conventional structures with diagonals on both sides at every section.

The Guardrail Frame creates optimal safety, not only while working on the platform, but also during assembly and disassembly.
FEATURES

- The Guardrail Frame has an integrated guardrail system, so no personal fall arrest system is required during (dis-) assembly or use.
- The Guardrail Frame is symmetrical for easy installation.
- It is lightweight: just 12 kg (26.4 lbs.) for a 250 cm (8’2”) section and 14 kg (30.8 lbs.) for a 305 cm (10’) section.
- The tubes of the Guardrail Frame and the h-Frame slide into each other more firmly with every section, so diagonals are only needed at one side every five sections.
- Ergonomic profiles between the mid- and top rails make it easy to grip and lift.
- Integrated attachments in the Guardrail Frames allow nets to be installed safely and efficiently indoors prior to assembling the scaffold on site.
- The Guardrail Frame combines multiple parts in a single, lightweight component for faster assembly and disassembly.
- The SafeScaffold has a limited number of components which can be assembled without any tools.

Diagonals are only needed on one side, once every five sections.
The SafeTower was designed to completely eliminate occupational fall hazards. Ideal for both indoor and outdoor use, it is the safest and most user-friendly mobile scaffold tower on the market today.

Like the SafeScaffold, the SafeTower stands out from conventional systems because of its unique method of assembly. Thanks to the Advanced Guardrail, XSPlatforms offers the safest method of scaffold assembly.

### SafeTower

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard EN 1004</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>Class 3 (200 kg/m² – 41 lbs/ft²)</td>
</tr>
<tr>
<td>Platform lengths</td>
<td>250 or 305 cm (8'2&quot; or 10')</td>
</tr>
<tr>
<td>Platform width</td>
<td>61 cm (2 ft)</td>
</tr>
<tr>
<td>Scaffold width</td>
<td>75 cm (2'4&quot;) or 135 cm (4'4&quot;)</td>
</tr>
<tr>
<td>Maximum working height</td>
<td>24 m (78.7 ft)*</td>
</tr>
<tr>
<td>Maximum platform load</td>
<td>310 kg (683.4 lbs)</td>
</tr>
<tr>
<td>Maximum SafeTower loading</td>
<td>850 kg (1873.9 lbs)**</td>
</tr>
<tr>
<td>Wall thickness</td>
<td>2 mm (0.07 in)</td>
</tr>
</tbody>
</table>

* When anchored to the facade

** Limited by standard
FEATURES OF THE SAFE TOWER

VERTICAL STAIRFRAME TOP
Allows work to be completed safely at any height.

VERTICAL STAIRFRAME
Guarantees good accessibility with equally spaced rungs with flat, non-slip ladder profiles.

ADVANCED GUARDRAIL
Provides stability and fall protection. No diagonals are needed.

ADVANCED GUARDRAIL BASE
Base version of the Advanced Guardrail, specifically designed for easy assembly of the base level of the SafeTower.

PLATFORMS
Easy to stack, lightweight and equipped with non-slip, low-maintenance decking.

HORIZONTALS
No more than four horizontal braces are required, regardless of the working height.*

STABILISERS
Are easy to install without any tools and can be adjusted for the desired result.

CASTOR WHEELS
With integrated brake system and a Working Load Capacity of 500 kg (1100 lbs.) each.

TOEBOARD
This single, foldable component acts as a toeboard at each working level.

Certified working height
The SafeTower can be built up to a platform height of 8 meters (26') outdoors and 12 meters (40') indoors. If there is no wind and the maximum load is 120 kg (265 lbs.), the platform height may also reach 12 meters (40') outdoors.

Advanced Guardrails
With the patented Advanced Guardrails, top rails for the next level are installed while standing on a lower platform. This way the SafeTower can safely be assembled from the inside.

Fast assembly
The SafeTower can be assembled by a single person. However, it is recommended to carry out the assembly with two persons. This makes it easier to take up the components.

* Number of horizontals can differ per region by guideline
The patented Advanced Guardrail allows the SafeTower to be built up from the inside while standing on a lower platform. This unique XSPlatforms design ensures safer assembly than standard with conventional scaffold towers.

**SAFE**

The SafeTower’s Advanced Guardrail provides fall protection during any stage of a project. It combines a top rail and a diagonal in one hinging, lightweight part. This allows users to install protective railing for the next level before the platform is placed, so no personal fall arrest system is ever required. Because it is mounted under a 20° angle, it is impossible to remove the Advanced Guardrail from the level the user is working on.

**USER-FRIENDLY**

The Advanced Guardrail offers optimal user-friendliness in many aspects. After mounting it in three simple steps, additional diagonals are no longer needed and only four additional horizontal braces are required, regardless of the working height*. The flat brace heads allow for upright storage. Clips on the rails not only lock the two braces together when not in use, they also act as a visual aid for determining the correct height of the platform.

**INNOVATIVE**

The SafeTower is the long-awaited answer to the market’s need for a safe and quick-to-assemble mobile scaffold tower. Moving past conventional methods of assembly, this revolutionary mobile scaffold solution allows for a safer, easier and faster assembly and disassembly.

* Depending on local standards and guidelines
ABOUT XSPLATFORMS

In 1997, we began to provide safety equipment for people working on roofs in the Netherlands. At that time, safety was already more of a calling than a business.

Now, we are a rapidly growing international company that designs safety solutions for the most complex buildings around the world. Today, we still have the same aspiration that we had almost twenty years ago: to make working at heights safer and easier — for everyone, everywhere.

The simplicity of our solutions and our many successful projects in the past prove that innovation is in our DNA.

VISION

We believe that we can make work at height safer.

XSPlatforms works towards a world where those responsible for safety at heights are aware of the dangers, and have everything they need to preclude the risk of falling.

In our vision, the safety of a work environment at height should be self-evident.

MISSION

Our goal is to serve forward-looking clients around the world with superior safety solutions and world class service.

We aim to warrant the sustainable growth of XSPlatforms by building long-term relationships with all our clients, Partners and employees.

We want XSPlatforms to be recognized as the world’s number 1 brand for safe work at height.

Facade Access Equipment
FacadeXS.com

Fall Protection
FallProtectionXS.com

Suspended Platform Systems
SuspendedXS.com

Scaffolding Systems
ScaffoldXS.com
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