

Scaffolding Systems

Aluminum facade scaffolding and rolling towers

A NEW PERSPECTIVE IN SAFE SCAFFOLDING

Scaffolding is one of the most widely used methods of providing access to a facade. It is a trusted, proven technique. But that does not mean that there is no room for innovative ideas. On the contrary.



XSPlatforms has developed an entirely new perspective on scaffolding systems. A perspective that draws from the experience and needs of the people who rent and use our systems. The XTH-Scaffolding concept offers unparalleled safety, flexibility and user-friendliness. From rolling towers to walk-through scaffolding with work heights of up to 32 meters (105 ft).

All our scaffolding systems satisfy the following essential requirements:

SAFETY

An entirely new erection concept not only provides optimum safety when working on the scaffolding but also during erection and dismantling. With this new method, XSPlatforms eliminates the risks that were unnecessarily considered normal in the construction industry for years.

SIMPLE

With XTH-Scaffolding, XSPlatforms has created a scaffolding that is more versatile than ever before. The system is simple, safe and quick to erect, even with no prior experience. This makes it not only suitable for professional rentals but also for the DIY market, small businesses and self-employed contractors in the construction industry.

FLEXIBLE

Most aluminum scaffolding systems excel in only one aspect: either freedom of movement between sections (walk-through scaffolding) or adjustable working heights (scaffold towers). XTH-Scaffolding combines the strengths of both in a 'hybrid' system that brings together the best of both worlds.

ATTRACTIVE DESIGN

Scaffolding may cover the facade of a building for days, weeks or even months at a time while the work is being completed. All too often, it looks messy, with improvised fencing, parts that have been 'temporarily' removed and/or drooping nets. XSPlatforms' scaffolding systems are not only safe and user-friendly but also look neat and stylish.

RELIABLE

XSPlatforms is ISO9001-certified and works according to standardized procedures. Our engineering department is also authorised to apply a CE marking to products that are produced under Machinery Directive 2006/42/EC. All scaffolding systems are tested by an independent testing and certification organisation (TÜV Nederland QA) against European standards EN12810/EN 12811 (facade scaffolding) and EN1004 (scaffold towers).

DEFINING NEW BOUNDARIES IN SAFE SCAFFOLDING

In traditional scaffolding systems, the next level is always erected from a platform at a lower level, with no protection surrounding the user. This creates a dangerous situation, especially when the scaffolding reaches heights of 20 to 30 meters (65.62 to 98.43 ft).

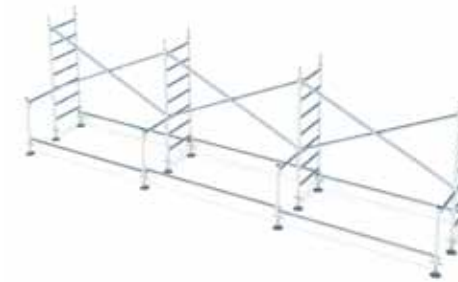
SIMPLE AND EFFECTIVE

The solution is both simple and effective: with XTH-Scaffolding, the user must first assemble the guard rail for the next level before he can assemble the floor panel. This prevents someone from standing on the scaffolding without the protective railing. A patented concept that provides a revolutionary improvement in the safety of aluminum scaffolding systems.

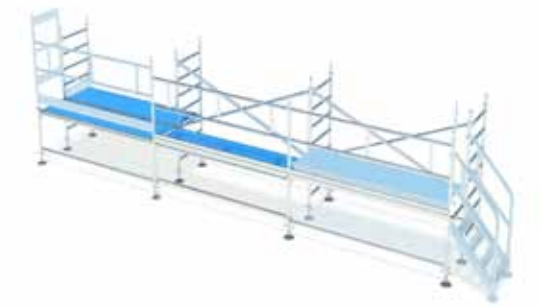
NO DANGEROUS SITUATIONS

Many scaffolding users have the tendency to temporarily remove certain components that are 'in the way'. This can lead to dangerous situations. XSPlatforms' aluminum scaffolding systems have put an end to this safety risk. During erection, all components (except the ceiling) are securely locked in place. They can only be removed again when the entire system is dismantled, from top to bottom.

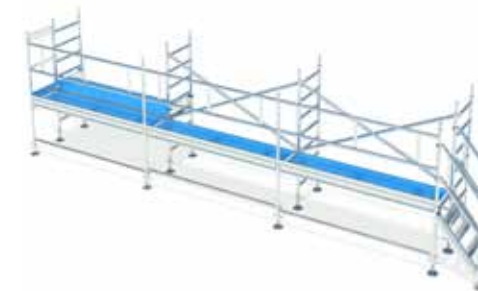
1. Base assembly.



2. Installing floor panels and guard rails.



3. Completed base assembly.



4. Assembling the next level in four steps.



5. The first, completed level.



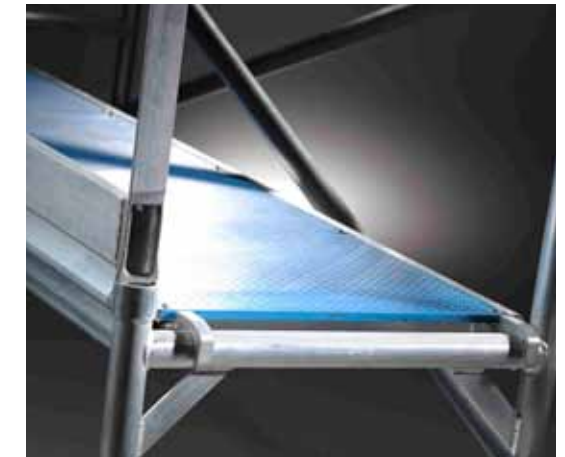
6. The completed scaffolding system.





The features of XTH-Scaffolding reflect years of practical experience and expert insight into the needs of users.

PRACTICAL



FAST ASSEMBLY

The XTH-Scaffolding system uses only a limited number of components and does not require any special tools for assembly. Many parts simply click into place.

ASSEMBLE NETTING IN ADVANCE

Integrated netting attachments on the guardrails makes it possible to install netting safely and efficiently while still in the storage depot, before the scaffolding is even erected.

DURABLE

Platforms are tough, extremely durable and easy to stack. They are equipped with strong, lightweight, low-maintenance decking.

USER-FRIENDLY

Ergonomic profiles and accessories ensure components are easy to grip.

INTEGRATED SIDE BOARD

The guardrail frames on the exterior of the scaffolding have integrated toe boards which ensures the toe boards can never be 'forgotten'. It also allows faster assembly of the scaffold.

WINDOW PANELS

Plastic window panels offer users optimal protection against the elements while also ensuring maximum light penetration. The panels are cut to size and simply slide into place.

WELL PROTECTED

XTH-Scaffolding provides a user-friendly solution for access control: integrated, lockable fences with side hinges that open outward to allow access to authorised users.

FACADE SCAFFOLDING

Most aluminum scaffolding systems excel in only one aspect: either freedom of movement between sections (walk-through scaffolding) or adjustable working heights (scaffold towers). XTH-Scaffolding combines the advantages of both.



THE IDEAL WORKING AREA

The height between platforms at the exterior of the scaffolding is always 2 meters (6.56 ft). 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 area at the right working height, every time.

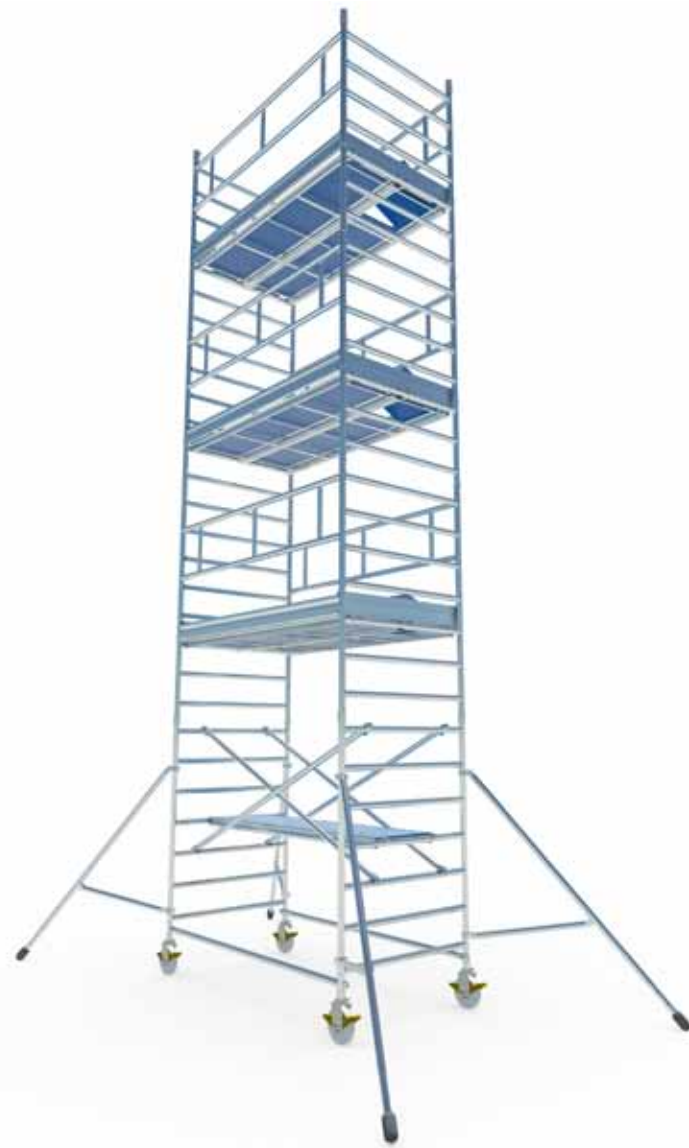
CONFIGURATION POSSIBILITIES

XTH-Scaffolding facade scaffolding can be combined up to a maximum working height of 30 meters (98.43 ft). There is no limit on the length of the scaffolding and corner sections can also be created using special frames. An integrated stair system ensures easy access and optimal freedom of movement between the various levels.

XTH-Scaffolding systems	
Platform lengths	2.45 m + 3.05 m (8.04 ft + 10.01 ft)
Platform width	61 cm (24.02 in)
Scaffold width	1.4 m (4.59 ft)
Maximum scaffold length	Unlimited
Maximum working height	Approx. 30 m (98.43 ft)
H-frame weight	Approx. 9 kg
Guardrail frame weight	Approx. 12 kg
Platform weight	Approx. 14 kg
Maximum platform load	Approx. 250 kg
Maximum section load	Approx. 950 kg
Maximum work-floor width	1.2 m (3.94 ft)
Tube diameter	50.8 mm (2 in)

ROLLING SCAFFOLDS

XTH-Scaffolding is available as facade scaffolding as well as rolling scaffolds (also called safety towers). This mobile version is mainly assembled from the same components as the facade scaffolding and therefore provides exactly the same benefits: the scaffolding is easy and, most importantly, very safe to erect.



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 Western Europe, Asia, the Middle East and North America, XSPlatforms also provides training for users, risk inventories and worldwide 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

Permanent fall protection in the form of guardrails and portable fall protection using anchors and steel cable systems. We have solutions for every situation and every building. Solutions that combine safety with freedom of movement, ease of use, rapid assembly and minimum damage to roofs.

FACADE MAINTENANCE EQUIPMENT

Innovative solutions for facade maintenance installations. From compact, space-saving roof cars to the largest roof car in the world. We also produce gondolas that provide users with optimal protection from the elements, wireless communication between gondola and roof car, and advanced monitoring with PLC technology.

SUSPENDED PLATFORM SYSTEMS

Innovative suspended platform systems that excel in terms of ease of use, assembly, safety, transport, distribution and storage. Fully designed by XSPlatforms, our systems are based on a modular concept with folding platforms and multifunctional hoist units.

SCAFFOLDING SYSTEMS

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

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