

PERI shows the future of scaffolding at bauma

The scaffolding and formwork manufacturer is presenting innovations for scaffolding

From 24 to 30 October 2022, the PERI exhibition hall at the northern open-air site (booth FN 719) in Munich will have the motto “Shaping the Future”. In addition to impressive exhibits, live demonstrations, personal discussions and information events, the scaffolding and formwork manufacturer will have many more surprises in store for visitors. Among other things, PERI will be showing completely new innovations for scaffolding as well as further developments of the digital planning tools.

Visitors to the PERI exhibition hall can look forward to several innovations for scaffolding. In this way, the scaffolding and formwork manufacturer will demonstrate how tried-and-tested scaffolding solutions, digital tools and expert support can make scaffolding more economical, faster and safer – both today and in the future.

Achieve a lot with just a few components

The focus of the innovations on display is the PERI UP Scaffolding Kit, which enables a high level of application diversity with a small number of components. In line with this modular logic, PERI is presenting new additions at bauma that increase the range of functions. For example, weather protection roofs for large spans of up to 45 m are supplemented by a practicable solution for small spans of up to 25 m. Numerous other exhibits vividly demonstrate the versatility of the construction kit. For example, in addition to facade and working scaffolds, it will also be possible to experience shoring systems.

Interested scaffolders can also look forward to a special innovation that is now being shown at the trade show. For several years, PERI has been offering the right solution for almost every facade with the Easy vertical. Now comes another milestone for facade scaffolding with supplementary verticals. These open up a wider range of applications, and thus offer completely new possibilities on the construction site – with full compatibility with the proven verticals.

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Furthermore, at this year's bauma, the focus will be on successful PERI inventions that go hand in hand with the vertical variant, such as the system-integrated guardrail in advance without additional components, the versatile scaffolding nodes and the principle of "plugging instead of screwing".

Optimised stairs for more flexibility

As a further highlight, PERI will be showing a diverse portfolio of stairs at bauma. The lightweight aluminium stairs in 67 cm and 75 cm widths have been relaunched. These can be directly attached to an existing PERI UP Facade Scaffold without an additional row of verticals and without special components. Here, the stair elements can be combined with PERI UP facade and core components – which not only gives the scaffolder more flexibility on the construction site but also when it comes to storage. In combination with the PERI UP core components, an independent stair tower with stairs running in opposite directions can also be constructed with the staircase in 75 cm width.

The built-in features also enable safe standing during assembly and protect workers from potential accident risks. Stair class B with its deeper steps provides additional convenience. All components are robust thanks to the use of new production and welding processes; the simple handling also avoids errors during assembly.

Firm support during transport, handling and assembly

While the PERI UP stairs provide safe access, the STS 300 Scaffold Transport System enables efficient assembly of PERI UP scaffolding. The STS 300 has been specially adapted to the PERI UP Scaffolding Kit and can be simply attached via the PERI UP ledgers and scaffolding nodes – without prior modification of the scaffold and without additional rows of verticals. In addition to vertical transport on the scaffold, the removable, stackable boxes also allow horizontal transport on the ground, facilitate logistics and protect employees by reducing the need to transport material by hand. Another advantage of the removable boxes is the simultaneous loading and unloading from a secured position on the ground and at the top at the scaffolding level. This not only provides more safety, but also reduces waiting times. Because the system grows in size from one lift to another, this also facilitates scaffold assembly and dismantling, so that more projects can be implemented in less time with fewer personnel. Visitors to the PERI exhibition hall can see the system for themselves on site.

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Wide range of possibilities through combination with the engineering construction kit

At bauma, PERI will also be showing various possible combinations of the PERI UP Scaffolding Kit with the VARIOKIT Engineering Construction Kit, which enable the cost-effective erection of relatively complex solutions for working platforms, shoring and access. The basis for this is the grid dimensions of 12.5 cm for the VARIOKIT and 25.0 cm for the PERI UP Scaffolding Kit. Delivery from a single source avoids interface friction both during planning and on the construction site, and the ability to rent the components ensures optimum cost-effectiveness.

At the show, the scaffold manufacturer will demonstrate how VARIOKIT can be used as a load-bearing base for various PERI UP scaffolding solutions in tight spaces. Visitors will also be able to try out all coupling and interface components for themselves on site.

Planning scaffolding – with digital support

In addition to the hands-on products, visitors to the trade show will also be able to try out PERI's software and tools, and digitally experience project examples in an exchange with experts. In this way, interested parties will have the opportunity to immerse themselves in extended reality directly on site or get to know the extended planning possibilities of the various apps. In addition, PERI also provides an outlook on what the future of digital applications may look like.

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Image 1

PERI patented the guardrail in advance as early as 1996; the principle of integrated safety is still an essential component of the PERI UP Scaffolding Kit today. This is also shown, for example, by the integrated lift lock of the decks without additional components.

(Photo: PERI SE)



Image 2

Visitors to the PERI exhibition hall can look forward to realistic exhibits – including a segment of the PERI UP weather protection roof.

(Photo: PERI SE)

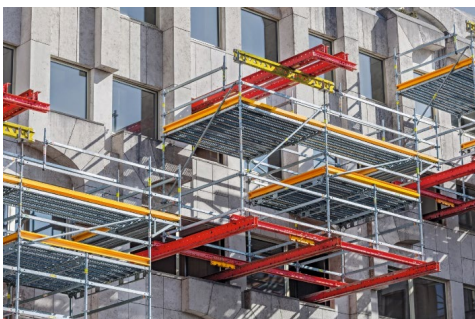


Image 3

Working platforms and access solutions from the combination of PERI UP and VARIOKIT can easily be integrated into existing structures and various PERI systems. The scaffolding manufacturer will be demonstrating how this works at bauma.

(Photo: PERI SE)

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Image 4

In addition to the low number of components and almost tool-free assembly, PERI UP stairs convince with the integrated guardrail in advance and assembly from a secured position.

(Photo: PERI SE)

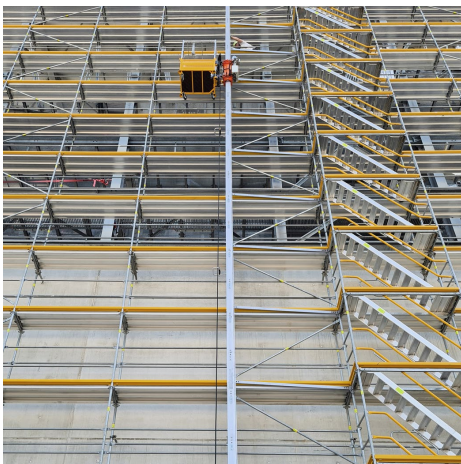


Image 5

The STS 300 Scaffold Transport System grows from one lift to another and helps with assembly and transport. It will also be in action at bauma.

(Photo: PERI SE)



Image 6

Visitors to bauma will experience how PERI's digital tools work and interact. In addition, the individual application possibilities can be discussed with experts.

(Photo: PERI SE)

About PERI:

With sales of € 1,614 million in 2021, PERI is one of the leading manufacturers and suppliers of formwork and scaffolding systems in the world. The family-owned company, with its headquarters in Weissenhorn (Germany), a workforce of around 9,100 employees, more than 60 subsidiaries and well over 160 warehouse locations, provides its customers with innovative system equipment and comprehensive services relating to all aspects of formwork and scaffolding technology.

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