



NEW – VARIOKIT Pier System VPS

High-Performance in Bridge Pier Construction

Efficiency

due to fast cycle times

Safety

from the first step

Material Savings

due to few parts for columns and pier caps



**Formwork
Scaffolding
Engineering**

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VARIOKIT Pier System VPS

High-Performance in Bridge Pier Construction

VARIOKIT Pier System VPS

The VARIOKIT pier formwork (VPS) combines two configurations: VARIOKIT Speed Stage (VSS) for the construction of pier caps without shoring from below and VARIOKIT Speed Column (VSC) for the efficient production of bridge piers as well as large columns.

The system is based on the VARIOKIT engineering construction kit, which means that almost all project requirements can be met with rentable solutions.

VARIOKIT Speed Stage VSS

VARIOKIT Speed Stage is optimized for the production of cross beams and hammer heads of bridge piers. It is characterized by short cycle and assembly times. Pre-assembly can be carried out conveniently on the ground. You only have to lift the completely pre-assembled VARIOKIT Speed Stage afterwards. From the first step, you work in a safe environment. The side formwork is only closed after completion of the reinforcement work, so that rebar work can be carried out comfortably. In addition, the side formwork is system-independent which means it can be stripped and cycled as early as the next day after concreting.

The innovative Split-Soffit method of VSS leads to a minimum need for required formwork sets while at the same time ensuring fast construction progress at the highest safety level.

Another safety aspect is the possible combination with the PERI UP scaffolding construction kit. You can solve any situation system-integrated, time-consuming and unsafe temporary solutions are thus a thing of the past.



The Speed Stage configuration is used for the construction of bridgeheads. The number of components is kept small and the split-soffit technology makes the system ideal for fast work.



Access safety is built-in before lifting and installation of the cap system.



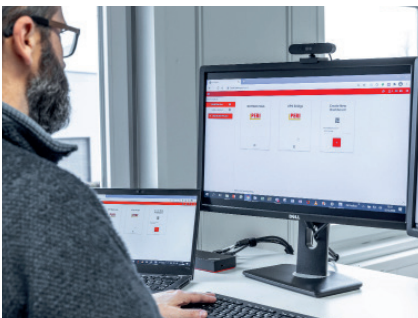
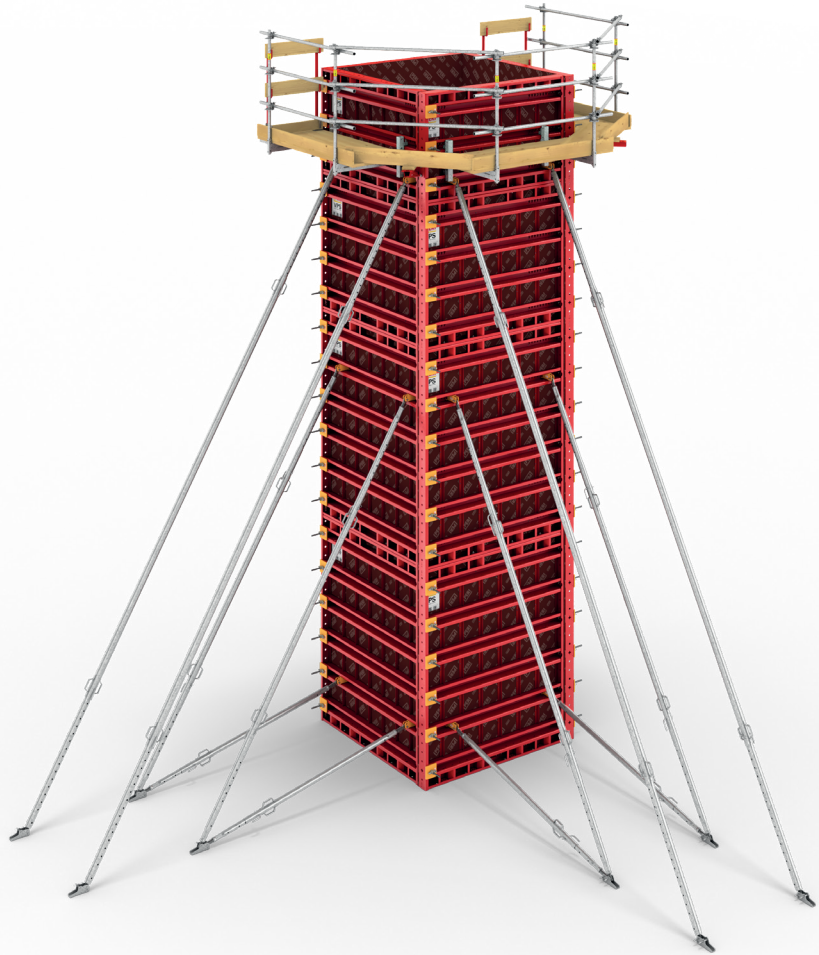
Save crane time with the innovative Split Soffit method of VSS by only requiring the crane for hoisting to the ground.

VARIOKIT Speed Column VSC

VARIOKIT Speed Column (VSC) is ideally suited for the efficient production of bridge piers and large columns. VSC is characterized in particular by fast handling and high concreting speed.

The VARIOKIT Speed Column is based on the same components as the Speed Stage configuration. With this configuration, different column cross-sections up to 8' x 8' can be realized in 2" increments without ties. This means enormous flexibility in the assembly and use of the VSC configuration.

Other advantages that the system brings with it: a high-quality concrete appearance and fast handling. The VSC configuration is suitable for high rates of placement, which can be conveniently monitored with the use of InSite Construction (ISC) pressure sensors. VSC enables an optimized concreting process.



The InSite Construction pressure sensor is another building block for an accelerated concreting process.

The innovative connection technology using X-bolts and T-bolts allows for quick assembly and disassembly of the formwork.

The VARIOKIT Speed Column configuration enables a high-quality concrete finish.

More PERI solutions at a glance

The optimal system for each project and every requirement



Wall Formwork



Column Formwork



Slab Formwork



Climbing Systems



Bridge Formwork



Tunnel Formwork



Shoring Systems



Construction Scaffold



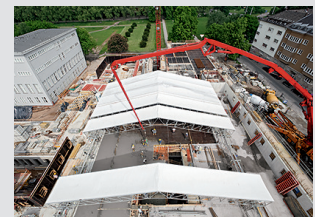
Facade Scaffold



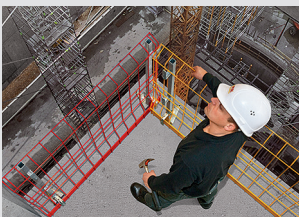
Industrial Scaffold



Access



Protection Scaffold



Safety Systems



System-independent Accessories



Services



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