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The Formwork Experts.

Platform **SCP**

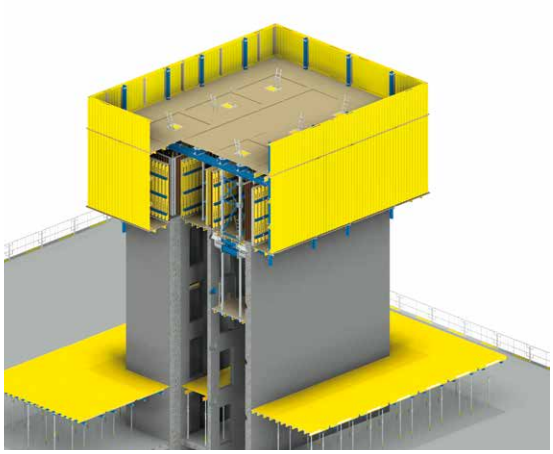
The self-climbing forming and working platform for high-rise cores

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The optimum formwork concept for every highrise core

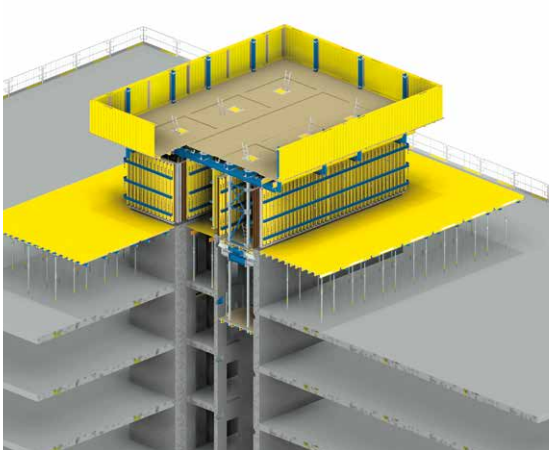
The Platform SCP is a modular formwork system for highrise cores. The wall formwork and working platform are raised to the next casting section in a single lift by a small number of powerful hydraulic cylinders.

One system – two construction methods



Advancing core

With this construction method, the core area is formed ahead of the trailing floors. Producing walls and floors separately allows for a simpler construction workflow with focus on the individual component.



Floors and walls cast in one pour

Floors and walls are produced in one step (monolithic). With ideal planning, short distances for site crew and crane ensure additional acceleration.

Design variants – Anchoring to the structure



1. Lifting unit fixed on both sides: standard variant for a rapid start to the lifting process; gravity pawls enable anchoring on each of the two opposing shaft walls.

2. Lifting unit fixed on one side: when walls are missing or have openings and in case of shear walls for adapting to complex layout shapes; anchoring on one side using climbing cones and stop anchors.

System solutions for smooth construction workflows



A easy site logistics made possible by openings in the decking, for equipmenthandling or fitted components such as stairways

B safe access routes by using stair towers both on and inside the platform

C short distances for crew to cover thanks to nearby storage areas with high live load rating for rebar and site installations

D construction workflow is optimised by integrating concrete placing booms



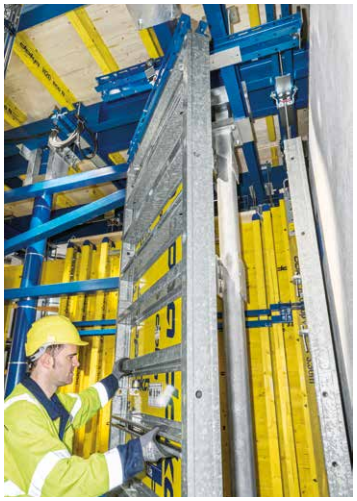
Optimized for the require-ments of highrise projects

The smart design of the Bracket SCP enables the use of the Platform SCP even in narrow shafts and with shear walls.



Upwards at the push of a button

Fully equipped with hydraulic systems, the entire platform can be raised rapidly at the push of a (remote-control) button, as a single unit..



Ample space and safety, at any height

The generous striking-distances and permanently uninterrupted platform-levels permit safe and efficient working, just like on the ground.

The self-climbing forming and working platform for high-rise cores

The Platform SCP has room for all the site equipment needed, and is enclosed on all sides for safe, weather-shielded working, even at great heights. Powerful hydraulic cylinders cranelessly raise the platform, formwork, equipment containers and concrete placing boom to the next casting section, in only one lift.

High safety
for the entire site

- safe, weather-shielded working made possible by the large, fully enclosed workspace
- prevents fall-hazard locations opening up during repositioning, as the entire platform is raised hydraulically in one lift
- integrated platforms, stair towers and ladders provide complete safety during working operations and for up-and-down access

Outstanding cost-efficiency
for your high-rise core

- saves on craneage, as the platform can also transport high payloads, including equipment containers and concrete placing booms, when it climbs
- can be adapted to any requirement, thanks to its modular system and to the fact that there are several different ways of suspension-mounting it to the structure
- optimised construction sequences achieved by the planning and engineering services of the Doka Competence Centre

Rapid working
in a systematic sequence

- quick and easy to reposition in only a few operational steps, as it is 'climbed' at the push of a button
- short forming-times, as the formwork suspended from the girder grille is easy to close and open
- speeds up the workflow, as the crew enjoy an enhanced feeling of safety at all heights



From the very first casting section and all the way up to great heights, the Platform SCP is the ideal formwork solution for highrise cores. Its powerful hydraulic cylinders and spacious working- and storage areas make for fast, efficient workflows.

More information at
www.doka.com/Platform-SCP

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