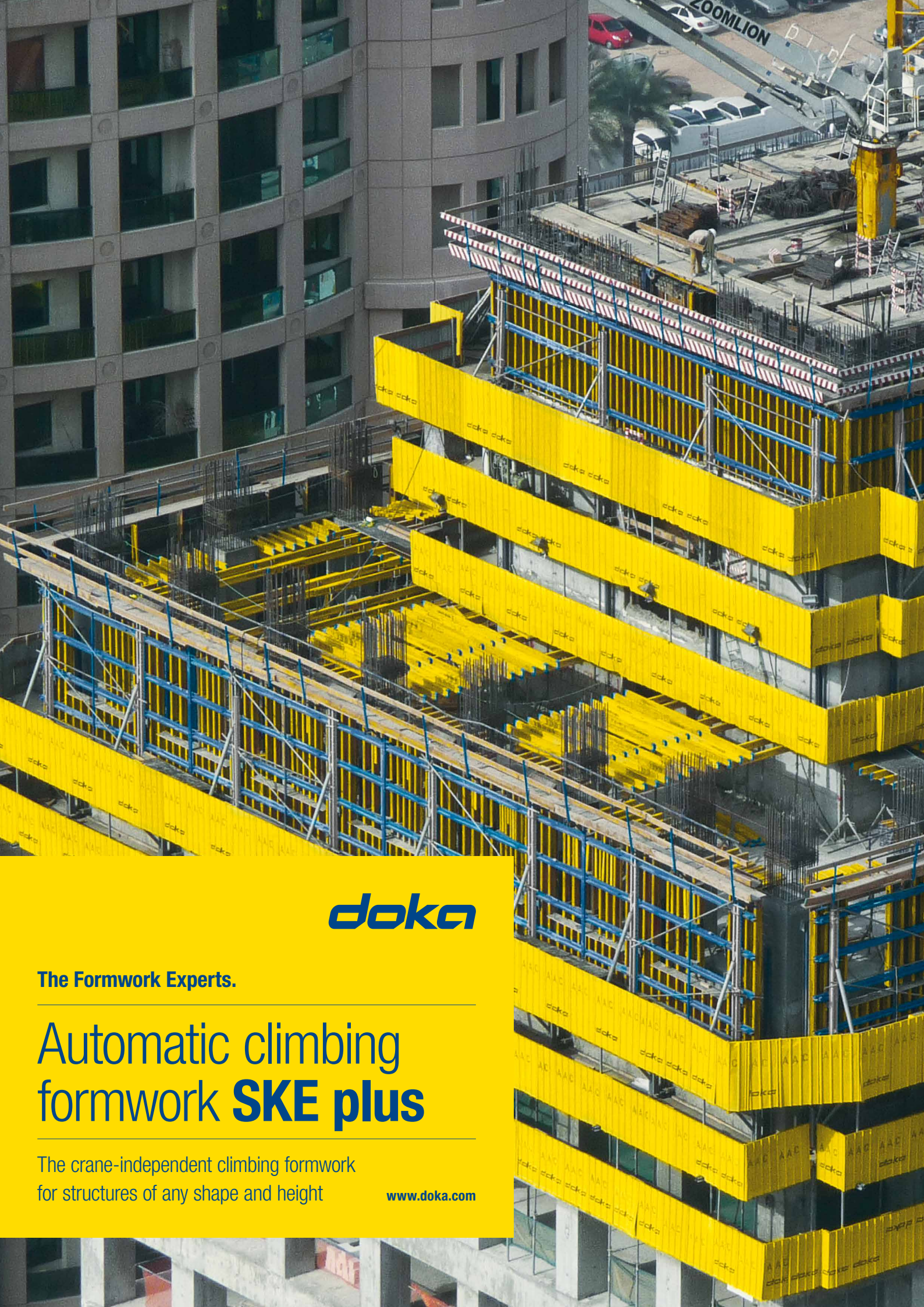


doka

The Formwork Experts.

Automatic climbing formwork **SKE plus**

The crane-independent climbing formwork for structures of any shape and height

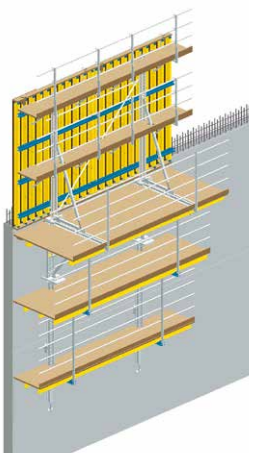
www.doka.com

Automatic climbing formwork SKE50 plus

Automatic climbing formwork SKE50 plus, with a load capacity of up 5 t per parallel climbing unit, is the standard solution for many different types of assignment. As well as for highrise cores, industrial structures, bridge piers and pylons, it can also be used for cost-saving forming of facades.

Automatic climbing formwork SKE50 plus with travelling unit

The typical field of use for this design variant, which includes a travelling unit, is on the exterior of structures. Fully equipped with hydraulic systems, up to 20 parallel climbing units can be raised simultaneously at the push of a (radio remote-control) button. This ensures uninterrupted, closed platform levels at all times, enhancing workplace safety.



SKE50 plus is the easiest and also the most flexible system in the Doka automatic climbing portfolio.

Automatic climbing formwork SKE50 plus with shaft system

This system is a fast and cost-saving way of forming groups of inside shafts – even small-celled ones. This does away with the time-consuming need to construct the intermediate walls at a later stage. The centrally positioned drive system makes it easy to open the shaft formwork and cranelessly move it up to the next floor as a complete unit.

With the shaft system, even small-celled shafts – of any shape – can be formed independently of the crane.

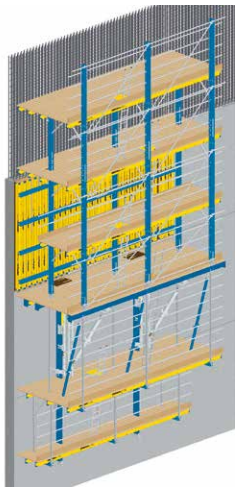
More insights in our video:
www.doka.com/ske50plus-video

Automatic climbing formwork SKE100 plus

Where especially stringent requirements are made by the structure and the client, Automatic climbing formwork SKE100 plus is used. The high load capacity of 10 t per parallel climbing unit makes it possible to plan climbing platforms with larger influence widths, and more working platforms. Payloads such as reinforcements, containers and concrete placing booms can also be raised.

Automatic climbing formwork SKE100 plus with rising working platforms

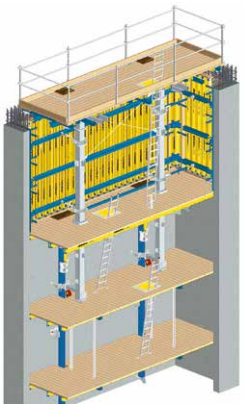
With this design variant, work can proceed simultaneously on several levels. This allows the forming and rebar operations to be 'de-linked', so as to shorten the cycle times.



The rising working platforms allow reinforcement to be placed in advance of other operations, which shortens the cycle times.

Automatic climbing formwork SKE100 plus with mast system

This design variant combines high load capacity with generous workspace. As the system only needs to be anchored in one wall, the mast system can be used not only in shafts but also for forming simple walls and even 'single-pour' walls + floor-slabs.



With the mast system, shafts and simple walls can be formed economically, with plenty of workspace.

More insights in our video:
www.doka.com/ske100plus-video

The crane-independent climbing formwork for structures of any shape and height

With its modular design concept, the crane-independent Automatic climbing formwork SKE plus provides an efficient solution for every type of structure. The all-round enclosure makes for safe, weather-shielded working at any height. With its all-hydraulic equipment, a large number of climbing units can be repositioned at the same time.

Versatility

for a wide spectrum of use

- as a highly efficient system-based 'construction kit', it can be adapted to any shape of layout and any structure height
- the freely plannable parallel climbing units also make the system suitable for varying wall inclinations and wall-returns
- the practical standard solutions provide ample workspace on shaft formwork units

Rapid working

coupled with high safety

- fast, weather-shielded working made possible by the large all-round workspace
- several parallel climbing units can be repositioned quickly at the same time, by radio remote-controlled 'pushbutton' climbing
- integrated platforms, stair towers and ladders provide complete safety during working operations and for up-and-down access

Highly cost-efficient

for any structure

- saves on craneage, as payloads can also be raised along with the platforms when these are 'climbed'
- craneless climbing made possible at any time, by all-hydraulic repositioning right from the very first casting step
- optimised construction workflows achieved by flexible cycling of the units for repositioning

The system also allows inclined structures such as bridge pylons to be formed rapidly and cost-effectively.

More information at
www.doka.com/SKE

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