Amstetten, February 2013

Press release

**A pathbreaking display of capability**

The international formwork supplier Doka will be exhibiting at bauma 2013 under the slogan “Pathbreaking. Beyond solutions.” In their own 3600 m² pavilion at Stand N817 in the Open-Air Area North, The Formwork Experts will be showcasing innovations in four different theme worlds. Among the exhibits awaiting visitors are the Panel floor formwork Dokadek 30, the new Framed enclosure Xbright, the next generation of crane-independent ‘Climbing formwork SKE100 plus’ systems, a new development for tunnel-building (DokaCC) and a number of other new Doka developments.

“What Doka has to offer goes far beyond mere products. We work closely with our customers to devise individualised solutions for every construction project. Our value proposition is that when we develop the formwork concept, we incorporate aspects and experience that give our customers new insights and create genuine added value for them”, says Doka Group Chairman Josef Kurzmann, explaining the motto “Pathbreaking. Beyond solutions.”. Four different theme worlds will give visitors an overview of formwork solutions for all sectors of construction. Kurzmann: “As a supplier that goes ‘Beyond solutions’, we work alongside our customers in all stages of a construction project, from the development stage through until close-out. To do this, we offer a wide range of services to ensure that the very best use is made of the formwork systems.”

‘Residential’ Theme World: Floor-slab formwork at its most evolved

Doka has long offered a strong line of slab formwork systems for every field of use. A new addition to the floor-formwork portfolio, Panel floor formwork Dokadek 30 can be seamlessly combined with Doka’s flex and table systems – for getting the optimum match between equipment and task. Dokadek 30 is a beamless hand-set formwork system, designed as a lightweight steel construction with powder-coated frames and rugged Xlife sheets. This panel floor formwork system stands out for safety, ease of handling and high speed, not only during set-up but also during dismantling. Infill zones are often ‘tricky’ to form, but Dokadek 30 lets users form these areas within the system too, quickly and safely.

At a spacious 3 m², the panels are ideally sized for forming large areas, fast. Dokadek 30 has only a small number of separate parts needing shifting. This speeds up the whole forming-operation. The construction workflow is also much faster, as no crane is needed during formwork set-up and removal. Dokadek 30 is erected working from the safety of floor level, with no need to walk on the formwork. The panels’ rectangular shape means that it takes users much less effort to engage them in the prop heads and then to tilt them up safely from below, even when forming higher slabs.

Depending on the requirements, users can opt for Dokadek 30 either without or with drop-heads: simply exchanging the heads and using closure panels turns the standard system into an early-stripping system. Even after very many times of use, the proven Xlife sheet delivers an immaculate concrete finish with a clean, uniform joint pattern.

‘Highrise’ Theme World: all-round protection in a new light

The newly developed gapless Framed enclosure Xbright for the Protection screen Xclimb 60 makes for safe working conditions on the site, shielding the crew in the top levels of the rising structure from the wind and the weather. The self-climbing system is simple to adapt to varying layouts and inclinations, enabling it to be used even on complex highrise projects. Depending on the requirements, users can choose between two different design variants, with frames that have either polycarbonate or mesh inlays. The wind-impermeable, non-see-through yellow polycarbonate inlays make possible a new quality of working, at any structure height. The tough plastic inlay is translucent, providing good natural daylighting inside enclosed work decks – even beneath floor-slab formwork. The frames with the close-meshed inlays are both translucent and air-permeable. The frames’ hot-dip galvanised and powder-coated finish promises a long service life.

**Next-generation crane-independent climbing**

Another system set to debut at bauma is SKE100 plus, the refined and optimised result of 15 years’ project experience with Automatic climbing formwork SKE100. This crane-independent formwork system is a byword for fast cycle times and great versatility: its modular design concept makes it possible to craft individualised, cost-effective and safe solutions for any type of structure. This more advanced version adds or optimises a number of important details. SKE100 plus is available in three practical standard versions: with travelling units, with rising working platforms, or with a mast system. The latter is a new development specially for shafts and structures being built on confined, cramped sites.

‘Transport’ Theme World: novel formwork solution for cut-and-cover tunnel construction

The new Tunnel system DokaCC – the name stands for ‘Cut&Cover’ – is the first system to be specifically designed and optimised for cut-and-cover tunnel construction. Different types of traffic tunnel, such as rail or road tunnels, can be built quickly, efficiently and safely using DokaCC. The system provides a high degree of safety against base failure. Safe shoring is possible whenever needed, regardless of the type of foundation. Another benefit of this variable tunnel formwork system is that it is geometry-independent and can be adapted to even the most challenging shapes and routes of tunnel.

Doka at bauma 2013, 15.-21. April 2013, New Munich Trade Fair Centre:  
Doka expo pavilion, Open-Air Area North, Stand N817

For more information: [www.doka.com/bauma](http://www.doka.com/bauma), where the Doka baumaApp is also available for download

**About Doka:**

Doka is one of the world leaders in developing, manufacturing and distributing formwork technology for use in all fields of the construction sector. With more than 160 sales and logistics facilities in over 70 countries, the Doka Group has a highly efficient distribution network which ensures that equipment and technical support are provided swiftly and professionally. An enterprise forming part of the Umdasch Group, the Doka Group employs a worldwide workforce of more than 5600.

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**Captions:**

**Doka\_bauma\_2013\_Dokadek\_30.jpg**

With the suspension clamp, infill zones can be formed quickly and easily, as Dokadek 30 merges here seamlessly with Dokaflex.

Photo: Doka

**Doka\_bauma\_2013\_Xbright.jpg**

In a new light: As well as protecting workers from fall hazards and the weather, the Framed enclosure Xbright, with its yellow polycarbonate inlays, provides good natural daylighting of all work decks.

Photo: TaunusTurm, TishmanSpeyer, Frankfurt/Main, Germany

Contractors: Ed. Züblin

**Doka\_bauma\_2013\_DokaCC.jpg**

The novel Tunnel system DokaCC for cut-and-cover tunnel construction makes it possible for work to move ahead quickly, efficiently and safely.

Photo: Doka