**Doka Campus:**

**The multi-faceted world of formwork at bauma 2019**

**From April 8 through to April 14, Munich was once again the largest international meeting place of the construction sector. With 620,000 visitors from 200 nations, bauma 2019 managed to attract the largest number of visitors in its 65-year history, making the event a bauma for the record books yet again. Roughly 3,700 exhibitors from 63 countries presented their range of products and services on an area covering approximately 614,000 m².** **On Doka’s stand measuring 4,700 m², visitors were beckoned by Doka yellow.**

Every three years the dimensions and figures of bauma continue to grow – as does Doka’s presence at the trade show. More than 650 employees from 48 countries, more than 49 exhibits weighing a total of roughly 260 t and more than 30 product innovations: these are but a few examples that Doka presented a versatile range to visitors. Doka's focus was on providing customers with the best possible support in the form of innovative and digital solutions that help boost productivity on construction sites.

*“bauma 2019 was a complete success for us, our national and international customers and prospects. The Doka Campus allowed us to present all of our innovative theme worlds. Above all, we were surprised by the enthusiasm among our visitors for our digital contributions that are meant to support their future productivity on their construction sites. We are happy to be able to not only demonstrate these new services but also make them available to our customers soon for their practical work”*, said Harald Ziebula, Chairman of the Executive Board Doka.

In addition to the range of products and services of Doka, during the 7-day period on the Doka Campus, Doka presented the product portfolio of the subsidiary Form-on, trading with formwork, and for the very first time, the Umdasch Group Ventures, the innovation incubator of the Umdasch Group that deals with future trends and new technologies in construction.

With the Doka AR-VR app ([www.doka.com/ar](http://www.doka.com/ar)) the Campus was transformed into a digital showroom which allowed expo attendees to discover a wide range of digital contents and applications. For instance, so-called “AR markers” were placed onto the exterior facade of the Doka Campus. Once these “AR markers” were scanned with the Doka AR-VR app, visitors were able to see additional images, videos and even 3D models.

In the 16 m high Engineering Tower, visitors had the opportunity to experience different scenarios from the Highrise, Infrastructure and Energy sectors up close using Virtual Reality (VR). In addition to the virtual experience, the product innovation DokaXact - a positioning system for formwork elements in vertical buildings - was presented to the public for the first time. More details on DokaXact can be found at <https://www.doka.com/en/solutions/services/dokaxact-formwork-positioning-system>.

**Digital services for increased productivity on site**

In the area “upbeat construction – digital services for higher productivity”, the latest digital solutions and services from Doka were available for testing. The digital service offering was presented in three areas: Smart Site, Smart Assistants and Smart Planning. You can find more details about Doka’s digital services at <https://www.doka.com/en/solutions/upbeat-construction>.

**DokaXlight scores with its lightweight properties**

One of the items that caused quite a stir in the formwork world was the Alu framed formwork DokaXlight. At 21.5 kg per main panel (0.75 m x 1.50 m), the sturdy hand-set formwork allows for ease of use on construction sites of any size or type without a crane. With the capacity to withstand concrete pressure up to 50 kN/m2 for wall formwork and up to 75 kN/m2 for column formwork, the multi-functional solution also offers a fast pouring rate. Visitors to the world of formwork were able to test the lightweight properties and ease of handling. More details about DokaXlight can be found at <https://www.doka.com/en/system-groups/doka-wall-systems/framed-formwork/dokaxlight/index>.

DokaXlight, the lightweight framed formwork also came into play during the **live product demonstrations** with the current world champions in concrete construction and the runners-up (WorldSkills 2017). Three times a day they got ready to face off against the clock at the Doka Campus and bested their own performance each day – 27 m² of DokaXlight were formed in record time of 06:07:93. There were also live demonstrations of systemised wall formwork, Framax Xlife plus, panel floor formwork Dokadek 30 and mobile fall protection anchor, FreeFalcon

The following video on our YouTube channel <https://www.youtube.com/watch?v=ar6fDlHstHE> shows our review of bauma 2019.

**Photos:**

If publishing photos, we ask that you give us credit.

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| Q:\Doka\Company\External Communication - Image\Press Releases (tbd)\BAUMA 2019\Post-bauma\Images\Word\Doka Campus_2.jpg | Doka Campus introduced the latest products, services and innovations from the world of formwork in a booth measuring 4,700 m².  Photo: Doka Campus\_1.jpg  Copyright: Doka |
| Q:\Doka\Company\External Communication - Image\Press Releases (tbd)\BAUMA 2019\bauma\Images\Word\Engineering Tower.jpg | In the 16 m high Engineering Tower visitors were able to experience different scenarios first-hand with virtual reality (VR) and watch presentations about the individual sectors Highrise, Infrastructure and Energy.  Photo: Engineering Tower.jpg  Copyright: Doka |
| Q:\Doka\Company\External Communication - Image\Press Releases (tbd)\BAUMA 2019\Post-bauma\Images\Word\Doka Campus_2.jpg | As was the case at bauma 2016, this year the live product demonstrations with the current world champions in concrete construction and the runners-up (WorldSkills 2017) were among the special highlights. In this year’s presentations, the DokaXlight formwork system came into play.  Photo: Doka Campus\_2.jpg  Copyright: Doka |
| Q:\Doka\Company\External Communication - Image\Press Releases (tbd)\BAUMA 2019\Post-bauma\Images\Word\Upbeat constuction.jpg | In the area “upbeat construction – digital services for higher productivity”, visitors were given a comprehensive overview of the latest digital solutions and services from Doka.  Photo: Upbeat construction.jpg  Copyright: Doka |
| Q:\Doka\Company\External Communication - Image\Press Releases (tbd)\BAUMA 2019\Post-bauma\Images\Word\DokaXlight.jpg | DokaXlight, the featherweight framed formwork made of aluminium was one of the product highlights inside the world of Doka formwork.  Photo: DokaXlight  Copyright: Doka |

**About Doka:**

Doka is a world leader 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, Doka has a high-performing distribution network. It ensures that equipment and technical support are provided swiftly and professionally. Doka is an Umdasch Group company with a workforce of more than 6,700 employees worldwide.

**About Form-on:**

Form-on is a subsidiary of Doka on Campus, which provides global business with new formwork components and used formwork. Form-on is organised into two divisions – COMPONENTS and USED – to focus on customers and better meet their needs. Form-on COMPONENTS provides specialist trades and formwork manufacturers with brand-new formwork components such as formwork sheets, formwork beams and floor props, as well as plywood. Form-on USED buys and sells used formwork from various manufacturers and with varying quality levels.

**About Umdasch Group Ventures:**

Doka's sister company, Umdasch Group Ventures, focuses on future trends and new technology in construction and specialises exclusively on developing groundbreaking, potentially disruptive innovations. In 2019, the innovation incubator Umdasch Group will present the following three new solutions: Contour Crafting (3D construction printing), Neulandt (mobile precast factory specialising in affordable housing) and Contakt (site digitization).

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