



DokaXact

The formwork positioning system for building vertical structures

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The DokaXact system is the first interactive sensor-based solution to enable the accurate positioning of wall formwork elements for vertical structures, such as high-rise concrete cores. It is a tool for surveyors and site-crews which allows teams to quickly and precisely plumb and align wall formwork used with climbing systems. It consists of multiple sensors, which are attached to defined measuring points and communicate wirelessly with the central processing unit.

Fast & Precise

- fast positioning of formwork elements in accordance with as-built of the preceding casting section
- precise positioning due to system accuracy down to $\pm 2\text{mm}$
- saves up to 75 % of surveying services for formwork positioning
- supports and monitors the forming, reinforcing and pouring of concrete within predefined structure tolerances
- significantly reduces follow-up costs and efforts for subsequent trades

Efficient & smart

- simplifies monitoring of the formwork position due to live-monitoring of all measuring points
- in case of deviations, the alert function enables the readjustment of the formwork before pouring
- the intuitive user interface enables site-crews to work more efficiently and autonomously
- eliminates mistakes that might come from manual measurements
- full transparency for all stakeholders and user group defined reporting function



DokaXact System Workflow

Download the Doka AR-VR App here, www.doka.com/ar-vr and hover over the image to directly step into the DokaXact system workflow.



Wojciech Jawor

Surveyor, AJ Morrisroe & Sons Ltd

“The DokaXact system supports me ideally in my daily work as a surveyor. I do not need to be present for aligning and plumbing the formwork elements. However, I would be able to monitor the site progress from anywhere at any time. This gives me more time and flexibility for other surveying processes on-site.”

What the expert has to say ...

Discuss your requirements and queries with us

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