

# Doka Xpress

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**Safe and fast  
forming – at  
any height**

**Doka competence**

builds fast and efficient the Salem  
Abdullah Salem Tower ... page 3

**Self-climbing premiere**

at the Capital Plaza  
in Abu Dhabi ... page 6

**Forming record in Doha**

Al Fardan Residence  
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**50 years of success**

Special anniversary  
for Doka ... page 8

**doka**  
The Formwork Experts



◀ Doka's Automatic Self Climbing Formwork SKE 50 speeds up construction at the Salem Abdullah Salem Tower.

### The facts

JOBSITE Salem Abdullah Salem Tower

LOCATION Sharjah, UAE

CUSTOMER Gustav Pegel & Sohn Contracting Engineering

#### REQUIREMENTS

High-rise building comprising car-park, office and residential storeys plus three technical floors and a helipad

#### PRODUCT USED

Automatic climbing formwork SKE 50, large-area formwork Top 50 and Dokaflex tables/ Dokaflex for the slabs



## Competent and reliable forming

**Gustav Pegel & Sohn Contracting Engineering** are currently undertaking the construction of the Salem Abdullah Salem Tower at Al Khan in Sharjah.

The Salem Abdullah Salem Tower is a residential and commercial building project comprising ground floor, mezzanine, three floors for offices & parking plus three parking levels and in addition a health club, swimming pool and 34 residential floors with three technical floors & helipad.

#### Forming walls in the most efficient way.

For the forming operations on the core walls having a total formwork area of 747.35 m<sup>2</sup>, Doka's Top 50 large-area formwork elements and Automatic Self Climbing Formwork SKE 50 are being used. The automatic climbing system with incorporated large-area formwork Top 50 allows high operational speed and

optimized casting for the high number of casting steps. The platforms of the SKE 50 automatic climbers and the Top 50 were pre-assembled under the supervision of Doka field technicians who have also been providing assistance during the first casting steps.

#### Flying tables

The typical slab with a total formwork area of 2,544 m<sup>2</sup> is formed using 2 sets of Dokaflex tableforms with transport devices, which enables to move them around horizontally with no need of crane. The vertical shifting is fast with a transport fork. Using complete shiftable units is the most efficient and manpower saving way to form this large floor area. □

### The solution!

With the Doka automatic climbing formwork SKE 50 the varying wall cross-sections are being cast swiftly and Dokaflex tables allow perfect adaptability to any slab requirement.

*Safe. Fast. Efficient.*

### Consulting and site assistance

Besides the products, services play a crucial role for Doka and this is why Doka consultants are being involved in the whole construction process. "Doka engineers and support teams are helping us to meet our schedule with timely supply of materials. Moreover, the use of Doka SKE automatic climbing equipments has significantly speeded up our work. The quality of service is more than satisfactory" as quoted by Project Manager Engr. Ziad Sabouni.