

**UNITED PRECAST CONCRETE,
DUBAI AND ABU DHABI, UNITED ARAB EMIRATES**

TWIN HOISTS FOR HOLLOW CORE SLAB LIFTING

United Precast Concrete (UPC) is one of the factories behind the flow of building materials that are central to construction projects in the Middle East. With factories in Bahrain, Qatar, Dubai and Abu Dhabi, UPC produces precast concrete elements such as hollow core slabs, foundations, columns, beams and wall panels. For their production facilities in United Arab Emirates (Abu Dhabi and Dubai), UPC sought quality lifting equipment to support a reliable production process.

AROUND-THE-CLOCK HEAVY LIFTING

United Precast Concrete's production process relies heavily on overhead cranes to lift precast elements of varying sizes during 24-hour operating days. Heavy parts like hollow core slabs with spans of up to 21 meters have to be lifted and transported safely.

DUAL-HOIST SYNCHRONIZATION

Konecranes supplied more than 40 overhead cranes of varying lifting capacities to UPC's factories in Dubai and Abu Dhabi. Synchronized dual-hoist cranes were installed to enable the safe lifting of long hollow core slabs without load rotation. Furthermore, higher crane traveling speeds of 100m/min are provided for long travel of the crane in the casting bay, in order to cope with the curing time of the concrete mix.

SAFER AND MORE EFFICIENT CONCRETE LIFTING

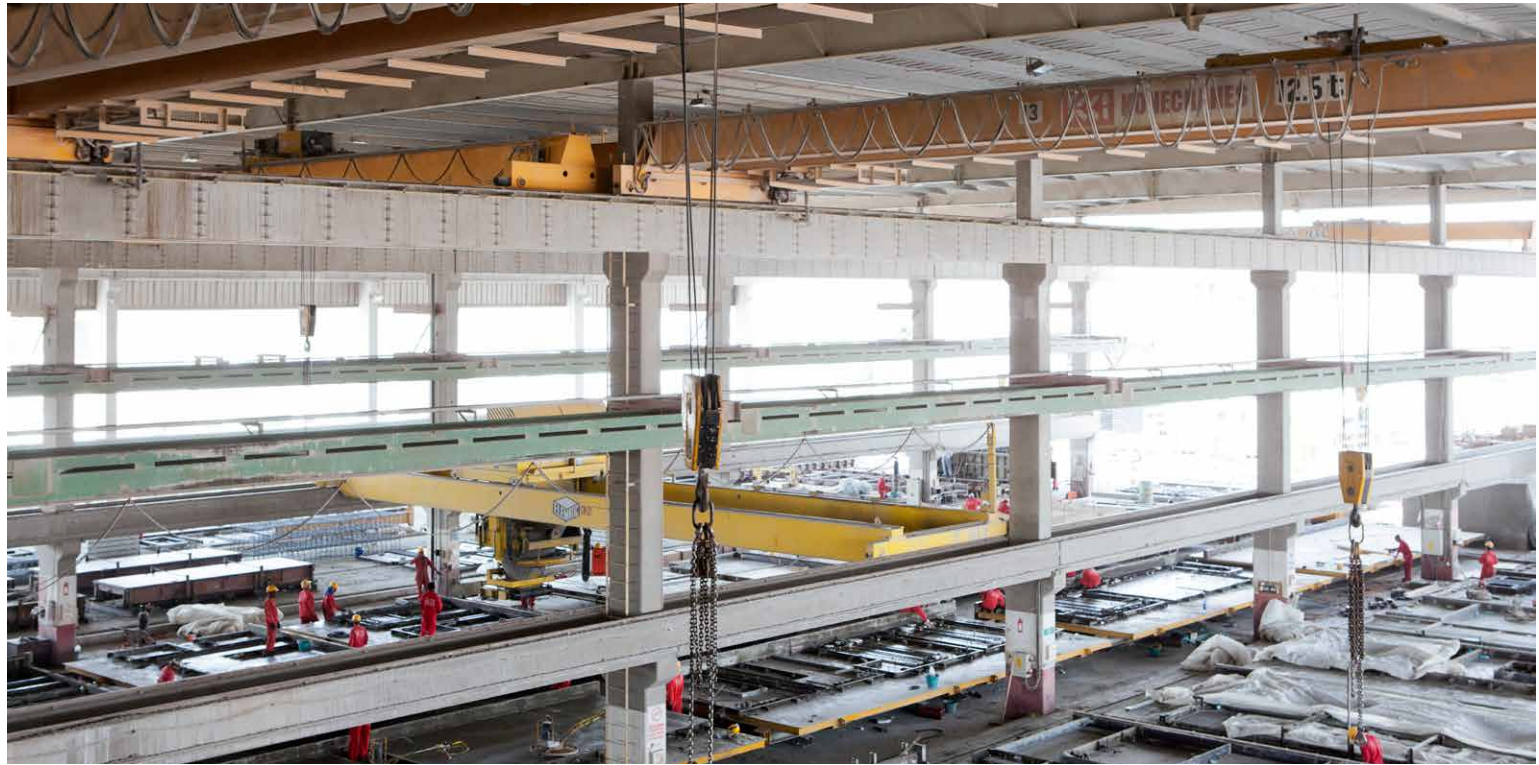
Roughly 400-500 precast concrete elements of varying sizes are produced daily which translates into 1250 tons of lifting. Single- and double-girder cranes are used for a faster and more efficient production process.





INDUSTRIAL CRANES NUCLEAR CRANES PORT CRANES HEAVY-DUTY LIFT TRUCKS SERVICE MACHINE TOOL SERVICE


As the production process relies so heavily on cranes, the reliable on-time delivery of spare parts is vital for a smooth operation. Chief Production Manager Victor D'Souza appreciates the timely and cost-effective deliveries. "They offer a wide range of delivery options for us, so we can choose the most convenient. Sometimes, we collect the parts from the Parts Distribution Center ourselves, but most often the delivery is arranged through a courier service," says D'Souza. "All in all, what sets Konecranes apart is that they proactively and consistently deliver quality products and service."



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Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on NASDAQ OMX Helsinki Ltd (symbol: KCR1V). With almost 12,000 employees at 600 locations in nearly 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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