China Leading Scaffolding Exporter at Dubai Big 5 KITSEN Showcases Ringlock and Aluminum Scaffolding Solutions



Yangjiang, Guangdong Nov 12, 2026 (Issuewire.com**)** - At Dubai Big 5, KITSEN presents modular systems shaped by corrosion resistance, handling efficiency and site requirements.Steel and aluminum ringlock scaffolding for Gulf projects

Company contribution by KITSEN | Photography supplied by KITSEN

Image caption: Aluminum ringlock scaffolding configured around a complex structure. System design must reflect the application and site conditions.

KITSEN at Dubai Big 5

KITSEN, a Chinese manufacturer of formwork and scaffolding, showcased its aluminum and steel ringlock scaffolding systems at Dubai Big 5, a major construction exhibition in the Gulf region. The company presented modular solutions for Middle Eastern contractors and equipment rental companies, focusing on corrosion resistance, efficient assembly, and secure connections.

Available in galvanized steel and structural aluminum, the systems are designed to meet a range of access and shoring requirements. KITSEN's participation also highlighted its presence in the region, including Fastform slab formwork in Dubai and K100 wall formwork in Abu Dhabi.

Material choice is only one part of the specification: configuration, loading and site conditions remain central.

Steel and aluminum in practice

A modular approach to access, handling and corrosion protection.

Image caption: Steel ringlock scaffolding in a demonstration configuration.

Image caption: Aluminum ringlock scaffolding used around curved geometry.

Galvanized steel

Made from hot-dip galvanized Q235 steel, the system is available with standard diameters of 48 mm and 60 mm. Its modular components can be configured for building facades, subway and tunnel projects, and bridge shoring, subject to project-specific design and load requirements.

Protection in coastal conditions

High humidity and salt-laden coastal air make corrosion protection an important consideration for scaffolding used in the Gulf. KITSEN's steel ringlock system uses hot-dip galvanizing to protect exposed steel surfaces. Factory quality checks include salt spray testing and zinc coating thickness measurements.

Load transfer through connections

The rosette connections transfer loads from the ledgers and braces to the vertical standards. Galvanized steel provides a robust option for demanding applications, while aluminum reduces component weight and handling effort. Lightweight components can help reduce reliance on cranes on congested sites. Load capacities and connection performance must be assessed for the specified system configuration.

Structural aluminum

Made from 6061-T6 aluminum alloy with a standard diameter of 48.3 mm, the system is designed for lightweight access applications, including complex elevated or suspended configurations where supported by an approved design. Its modular connections simplify assembly and dismantling, while the low component weight makes handling easier. Permissible heights, platform loads, and suspension arrangements depend on the configuration and project requirements.

Handling and service life

The aluminum ringlock system offers a lightweight, corrosion-resistant alternative. Its suitability for coastal projects depends on the exposure conditions, surface treatment, and maintenance practices. For rental fleets, the lower component weight can simplify transport and handling, while the material retains recycling value at the end of its service life. Both systems undergo factory quality control, including raw material verification, in-process inspection, and static load testing before shipment.

From system choice to project delivery

Regional experience and configuration-specific decisions guide selection.

Assembly and compatibility

Ringlock scaffolding offers modular connections that can simplify assembly and accommodate a range of facade and access configurations. Actual assembly times depend on the design, crew experience, site conditions, and the system used for comparison. Steel and aluminum versions provide different weight and load-capacity options. Similar connection layouts do not establish component compatibility; any proposed combination of steel and aluminum components requires manufacturer approval and an appropriate engineering assessment.

Experience in the Gulf

KITSEN's regional experience includes a Fastform slab formwork installation in Dubai and a K100 wall formwork application in Abu Dhabi. On the Abu Dhabi project, K100 was used from the basement to the roof, and the client reported smooth concrete surfaces requiring no plastering. These formwork projects demonstrate KITSEN's experience serving Gulf contractors.

Image caption: KITSEN's exhibition presence connects its manufacturing capabilities with construction-sector buyers.

Export and procurement support

KITSEN supplies international markets from its manufacturing base in China. Shipments from Shenzhen and container-based ordering support large construction programs. Quality documentation and third-party inspection options, including SGS and TÜV services where applicable, can support contractors' procurement reviews. Buyers should confirm the inspection scope and documentation required for each order.

Specifying for the application

Galvanized steel and lightweight aluminum give contractors options for different access, handling, and load requirements. Supported by its manufacturing base in China and regional project experience, KITSEN serves contractors and rental companies. Product selection should be based on the approved configuration, required load capacity, and site conditions.

PRODUCT INFORMATION • www.kitsen.com

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