

JOHNSON ARABIA

EDITION 2.2022
July 20

Summer Edition

Expo gates; How did we put them up

AMAZING
PROJECTS

*highlights of
projects we
worked on this
quarter*

Abu Dhabi
office
renovation



PLUS

JOHNSON ARABIA
WINS LIFTING
AWARD

Directors Message

You will never lift alone.

This summer has come with a lot of opportunities. The market is seeing a steady rise in recovery because of the policies and reforms introduced by the government to keep Dubai a hub for business. These include the transformation of the Expo2020 site to a new 15-minute city called District 2020 and re-strategizing projects that were on hold to complete them. As a company we remain eternally grateful to our clients who have returned to us time and again to work on their projects over the years. To enhance our services we have retired some of our older equipment and are bringing in new cranes and upgrading our AWP fleet to give our clients even better service. Finally it is great to see life getting back to normal here in the region and as always we are looking forward to new partnerships in Saudi Arabia and Oman in the coming months.



Mr. Martin Kirby,
M.D Johnson Arabia



Our Amazing Projects

While we are proud of everything we do, these projects showcase our versatility and skill.



Mohammad Bin Rashid Library, Dubai

This project required our cranes on site for overall site maintenance and lifting.



Umm Lafina, Abu Dhabi

This project entailed lifting the barriers on the side of the bridge along with over all structural construction of the bridge



Dubai, Downtown area

Johnson arabia mobile crane used to erect a wolffkran tower crane on site.



Abu Dhabi Mosque ,Abu Dhabi

Our AWP's were used on this site for maintenance and clean up

Johnson Arabia cranes perform tandem lifts to install Dubai Expo 2020 gates

Visitors were welcomed through entry portals inspired by the traditional lattice pattern 'Mashrabiya' in Islamic architecture.



Johnson Arabia created the lifting plan and supplied a 300-tonne Grove GMK6300L with a 52.5m boom and 100-tonne Demag AC100-4L with a 50.4m boom all-terrain crane to lift the expo portal gates after modification to its exterior. The 21m x 30m gates were made of carbon fiber to reduce weight, and they were installed on top of bridges connecting the expo site to the access roads. The project required dismantling of the existing structure, lashing of the carbon-fiber frames and then reinstalling them after the modification was complete. The contractor Besix-Orascom chose Johnson Arabia, having had a long-standing working relationship of around 20 years in delivering several infrastructure and civil construction projects.

The complex lifting operation also involved a special rigging arrangement using two mobile cranes working in tandem and executing a tailing lift from roads positioned 10 meters below either side of the bridge on which the gate was erected.

Sreethu Thulaseedharan, lead engineer for the project, explains how Johnson Arabia's team of engineers addressed the jobsite challenges: "The gates weighing 1.95 tonnes and 3.9 tonnes needed to be lifted over the bridge without full operator visibility; so, each crane was positioned and operated carefully on either side below the bridge, and our riggers and operators relied on radio communication for both lifting accuracy and avoiding damage to the carbon-fibre structure. An initial risk assessment of the job site revealed that the roads were not wide enough for the crane outriggers; so, we made provisions to spread the outrigger load on curb stones. We applied a safety margin of 25% for the tandem and tailing lifts, and we used two spreader bars to stabilise the loads. There were no risks for offloading as we had enough open space below the bridge."



Oman Focus



Sohar Sanvira Coke Calcined Project

This was a new 150M project in the Sohar Freezone, as part of Omans strategy to encourage new developments and areas for growth. The end product that's produced at the site Calcinated Petroleum Coke is to be shipped to and used by the Aluminum, Steel and Titanium sectors all around the GCC. This project had a number of 22m – 38m Boomlifts that were used for Mechanical works installation and also the steel structure erection.

Date Processing Complex in Nizwa

Its Omans largest date processing factory, the facility has been designed to receive, store, refrigerate, process, package and distribute vast quantities of dates that have been harvested from all over Oman, we had on the project around 10 AWP consisting of 18m-28m Booms and 15m-18m Scissors.

Our equipment was used for the steel structure erection in the early stages and then for Fire alarm systems installation and MEP works at the end of the project.



Crawler cranes that do the job!



Crawlers have fantastic off-road capabilities and portability. Their tracks mean that they move with ease over rugged or uneven surfaces. So, if your project is in

- Infrastructure
- oil and gas
- Urban and industrial development

These may be an option for you.

With one of the largest fleets of crawler cranes in the U.A.E. Johnson Arabia can provide multiple cranes for a large project or as per need for scaled projects.

CSR initiative



The employees of Johnson Arabia have always had a love for animals from an on site bird sanCtuary to now sponsoring 4 dogs at one of the oldest Dog shelters in UAE. K9 Friends.