

CASE STUDY

Alimak mast climber supports petrochemical plant maintenance in Qatar

An Alimak™ MC 450 mast climbing work platform provided reliable vertical access for maintenance activities at a petrochemical plant in Qatar, supporting work at heights of up to 100 metres while helping keep personnel, tools and materials together at the workplace.

Maintenance and repair activities at a petrochemical plant require reliable access to elevated work areas while operations continue around the site. For this project in Qatar, the customer required a solution that could support work at heights of up to 100 metres and provide a stable working platform for personnel, tools and materials.

IMPROVED PRODUCTIVITY

One Alimak MC 450 mast climbing work platform was selected to support the maintenance programme. With a variable platform length and width, the MC 450 can be configured to suit the working area and travel vertically between levels as work progresses. This flexibility helped the team reach the required elevation without repeatedly relocating conventional access equipment.

For this type of installation, the MC 450 offers a practical alternative to extensive scaffolding and repeated crane use. Its generously sized platform can carry personnel, tools and materials directly to the working area, helping teams keep essential resources together at the workface and maintain an efficient flow of maintenance activities.

DESIGNED FOR TOUGH CONDITIONS

By providing direct access to the work area, the MC 450 helped the customer streamline the maintenance schedule and make effective use of the available workforce. Compared with more extensive temporary access arrangements, mast climbing work platforms can help limit installation and dismantling activity while being repositioned as the work advances.

With flexible platform configurations, ergonomic access to the workface and the ability to travel between levels, the Alimak MC 450 supports productive working at height across demanding maintenance and construction projects. It combines adaptable access with Alimak's long-standing experience in mast climbing technology.



PLATFORM DETAILS

Location:	Qatar
Application:	Petrochemical Plant
Platform type:	1 x Alimak MC 450
Platform capacity:	2,500 kg
Platform size: (W x L x H)	1.4 x 1.5 x 2.2 m
Speed:	9.6 m/min
Lifting height:	100 m
No. of landings:	2