

CASE STUDY

Alimak Mast Climbers and Construction Hoist at work on Canary Wharf's first modular building

Access anytime, anywhere



WOOD WHARF B2, CANARY WHARF, LONDON, UK

Alimak Mast Climbers and Construction Hoist at work on Canary Wharf's first modular building

Ten Alimak™ single and twin mast climbing work platforms, and one construction hoist were installed during construction of the B2 Wood Wharf project; Canary Wharf's first modular building.

MODULAR PROJECT

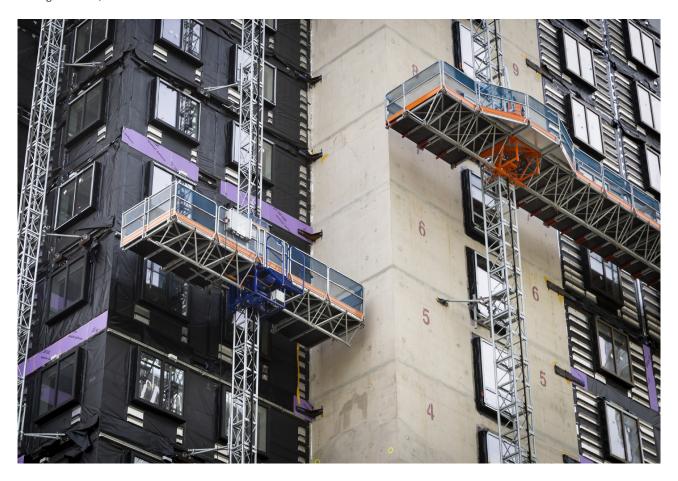
The Wood Wharf B2 project is Canary Wharf's first modular building, comprising of 279 apartments, along with several retail units and restaurants. As a modular project, each apartment unit was constructed off-site, including fitted bathrooms, kitchens, and furniture. The units were then transported to site and installed.

MAST CLIMBING WORK PLATFORMS

A total of ten Alimak MC 650 and MC 450 mast climbing work platforms were installed on the project to assist in the modular apartment installations, with the customer opting for both single and twin masted configurations, with a combination of A and B drives.

The platform lengths ranged from 4.2 m to 28.3 m long, with payload capacities from 2,000 kg to 6,960 kg.

Choosing both A and B drives enables the mast climbers to be used independently from each other, which greatly increases efficiency on site. As each apartment unit was lifted onto the building via crane, the construction team were able to stand on the platform and guide the units into place. Additionally, the mast climbers provided access to install glazing panels on the building façade, decreasing the total build time. Glazing panels are usually the final part of the building's construction, however, using Alimak mast climbers allowed panels to be installed on lower floors, even while the upper floors were still being constructed.





WOOD WHARF B2, CANARY WHARF, LONDON, UK

CONSTRUCTION HOIST

An Alimak Scando 650 FC construction hoist, with a payload capacity of 2,500 kg, was also installed on the project. This provided vertical access for both personnel and materials, enabling the project to run efficiently and enhanching safety.

Instead of the stand 3.2 m hoist length, Alimak engineers added an extension to just one side of the hoist, to allow the maximum car size of 4.45 m to fit within the space constraints.



Location:	Canary Wharf, London, UK
Application:	High-rise construction
Product category	Mast climbing work platforms
Models:	Alimak MC 650 and MC 450
No. of platforms	10 (4x single masted, 6x twin masted)
Platform lengths:	4.2–28.3 m
Capacity:	Up to 6,960 kg
Speed:	11 m/min
Lifting height:	70 m

Location:	Canary Wharf, London, UK
Application:	High-rise construction
Product category	Construction hoists
Models:	Alimak Scando 650 FC
No. of cages:	1
Cage size:	1.5 x 4.45 m (W x L)
Capacity:	Up to 2,500 kg
Speed:	54 m/min
Lifting height:	71 m



www.alimak.com

