

CASE STUDY

10 Alimak Mast Climbers and a Hoist at work on Wood Wharf B2 project

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

Ten Alimak mast climbing work platforms and one construction hoist were used during construction of the Wood Wharf B2 project, which comprises of 279 apartments, along with a number of retail units and restaurant.

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.

Alimak's MC 650 and MC 450 mast climbing work platforms were used to assist in the modular apartment installations. They enabled the construction team to stand on the platform and guide each unit into place, as it was lifted onto the build via crane. Along with this, they provided access to install glazing panels on the building façade. The platform lengths ranged from 4.2 m to 28.3 m long, with payload capacities from 2,000 kg to 6,960 kg.

A Scando 650 FC construction hoist, with a payload capacity of 2,500 kg, was also installed on the project, providing vertical access for both personnel and materials, enabling the project to run efficiently and safely. Instead of the standard 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.

PLATFORM DETAILS

Location:	Canary Wharf, London, UK
Application:	High-rise construction
Product category:	Mast climbing work platforms
Models:	Alimak MC 450 and MC 650
No. of platforms	10 (4 x single, 6 x twin masted)
Platform lengths:	Varies between 4.2 m to 28.3 m
Capacity:	Varies between 2,000 kg to 6,960 kg
Speed:	11 m/min
Lifting height:	70 m

HOIST DETAILS

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