



CONSTRUCTION HOIST

PRODUCT GUIDE

ALIMAK MAMMOTH

Access anytime, anywhere

ALIMAK

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Ultra heavy-duty lifting to enhance productivity on construction sites

The award-winning Alimak Mammoth is the world's largest construction hoist. The large-scale hoist provides the ideal vertical access solution for efficiently transporting large prefabricated pods, external cladding panels and other bulky materials to the desired levels of a construction site to increase productivity. It is also ideal for the transportation of a large number of passengers during peak times and emergency evacuations.

The modular design of the Alimak Mammoth range offers true flexibility through custom design options built on a twin-masted system. Installation and jumping are rapid without the need for counterweights. The car-size, capacity and lifting height are all customisable depending on the requirements and parameters of a project.

MODULAR DESIGN

The modular design of the Alimak Mammoth range offers true flexibility through a range of custom design options built on a twin-masted system.

EXTRA-LARGE CAR SIZE

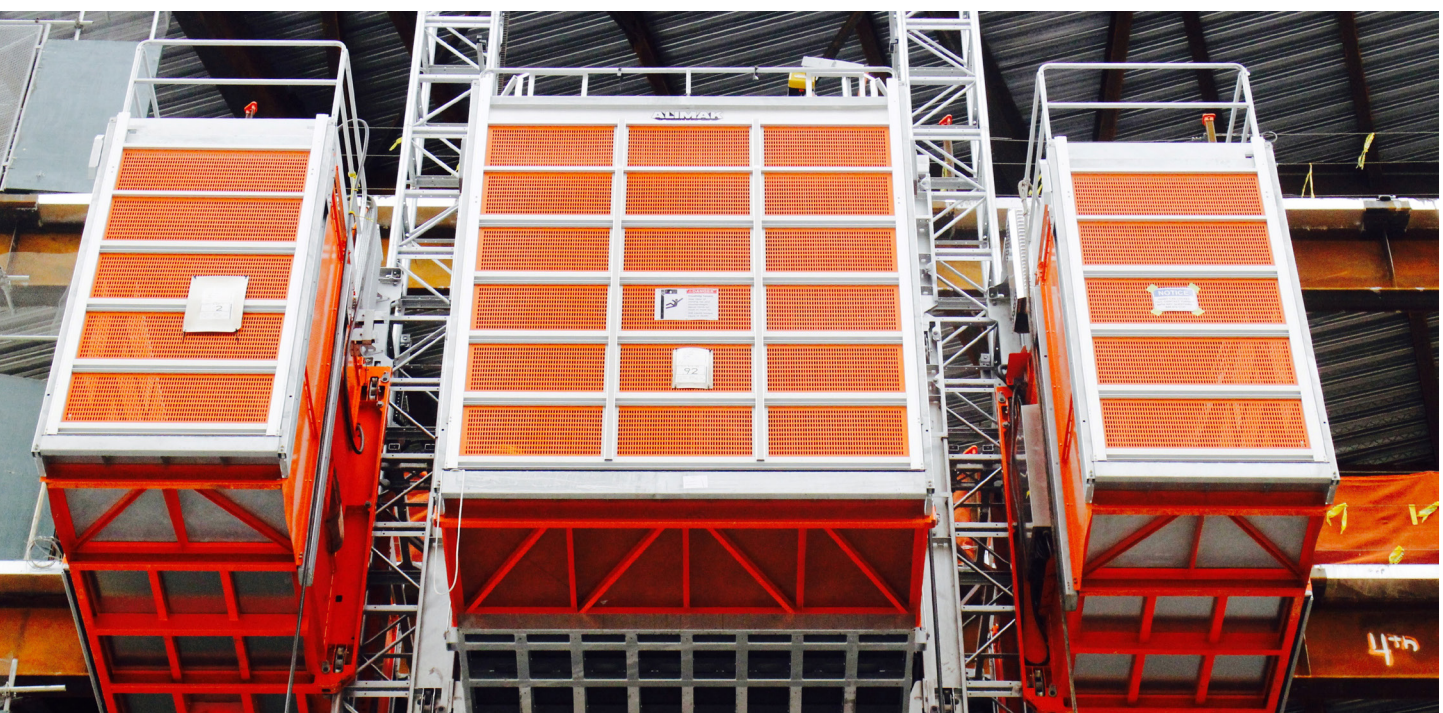
The Alimak Mammoth range comes available with a car size of 3 and 3.5 metres wide and both widths are available with a 4.6 & 5.0 metre length to allow for the transportation of large prefabricated loads or bulky materials.

MULTIPLE CONFIGURATIONS

The Alimak Mammoth construction hoist is a twin-masted system. Additional construction hoists from the Scando 650 range can be installed onto each side of the Mammoth hoist to achieve a triplex vertical access system. This enables the hoists with the higher speed to be utilised to transport passengers, whilst the Mammoth transports materials separately to reduce waiting times and enhance safety.

FLEXIBLE PAYLOAD CAPACITIES

Payload capacities of up to 5,500 kg are available to drive efficiency when transporting heavy goods and materials. The Mammoth range can be used in a triplex configuration for payloads of up to 12,400 kg with almost triple the capacity of competing



DUAL 3-MOTOR FC DRIVE UNIT WITH ALC CONTROL TECHNOLOGY

The variable frequency control motor of the Alimak Mammoth range requires minimal maintenance, offers optimal performance over long periods of time and enables superior ride comfort and protection through smoother starts and stops. ALC control technology runs fault diagnostics to solve logistical problems on-site and improve the accuracy of landings.

RAPID LIFTING SPEED

The Alimak Mammoth range is capable of travelling at speeds of up to 30 metres per minute with a rated payload of 5,500 kg for a rapid heavy-duty vertical access solution engineered to foster productivity on construction sites.

LOW ENERGY CONSUMPTION

Efficiency is considered in every aspect of the design of the Alimak Mammoth range. Low energy consumption significantly reduces the operating costs of a Mammoth construction hoist making it ideal for sustainable projects for construction and rental companies.

AWARD-WINNING TECHNOLOGY

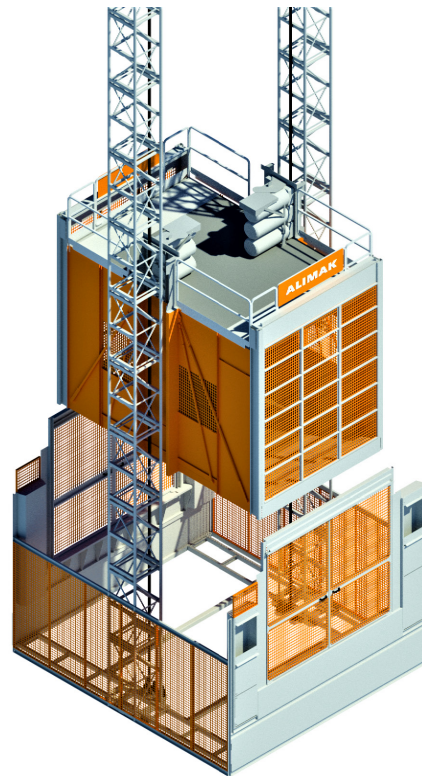
Alimak was awarded Product of the Year in the 2017 IAPA awards for the Mammoth Triplex for excellence in engineering and the capability to meet the needs of demanding projects with the world's largest construction hoist.



Technical specifications

MAIN CHARACTERISTICS

- Dual function: suitable for passenger and material transportation
- Robust design for heavy-duty loads
- Available in single, dual and triple configurations
- Dual 3-motor frequency control drive unit
- ALC control technology
- Alimak safety device



ALIMAK MAMMOTH	
Payload capacity	4000 - 5,500 kg
Number of persons max	Up to 68 persons
Lifting speed	30 metres per minute
Car width	3.0 m & 3.5 m
Car length	4.6 m & 5.0 m
Car height	3.0 m
Door opening height	Up to 3.0 m
Loading volume	41.4 – 52.5 m ³

* Increased lifting height on request.