

ALIMAK SC 45

Compact design and excellent ride qualities



Access anytime, anywhere



Intelligent control

The microprocessor-based Alimak Lift Control system ALC-II reduces waiting times substantially and solves your site logistic problems.



Superior comfort

Frequency control provides very smooth starting and stopping with low starting current and less wear and tear.



Flexible modular design

The hoist car design is truly modular and offers several optional car lengths between 2.0 m and 3.2 m and multiple door and ramp choices.



Economical

Reduced cost for fleet-owners and renters due to flexibility, durability, and accessibility. Low cost of ownership. Fuse ratings from 20 A for low energy consumption.

ALIMAK SC 45

The new construction hoist range with compact design and excellent ride qualities

The all-new fully modular Alimak SC 45 is based on the proven design of the Alimak Scando 450, which has been very successful in the market. The new Alimak SC 45 is assembled at the Alimak Hek production facilities in Changshu in China.

Alimak SC 45 is a construction hoist for passengers and materials. It offers flexibility, efficiency, safety, low energy consumption and low cost of ownership making it the ultimate choice for both construction and rental companies.

Accessibility is improved by a modern microprocessor based control system, ALC II, which can solve many site logistic problems. For example, the system reduces waiting times by storing all calls from the landings and sending the hoist car that is logistically nearest to a landing to pick up cargo or passengers.

Alimak SC 45 can be equipped with a frequency control unit (FC), with closed-loop, which gives very smooth starting and stopping with low starting current and less wear and tear.

The Alimak SC 45 can be used in single or dual car configurations. Alimak SC 45 can also share the mast of a Hek modular system M-450 range or an Alimak CM material hoist. This unique advantage improves utilization of accessories and increases the access capability in a cost-effective way. The hoist car design is truly modular and offers several optional car lengths between 2.0 and 3.2 m and a multiple choice of doors or ramps.

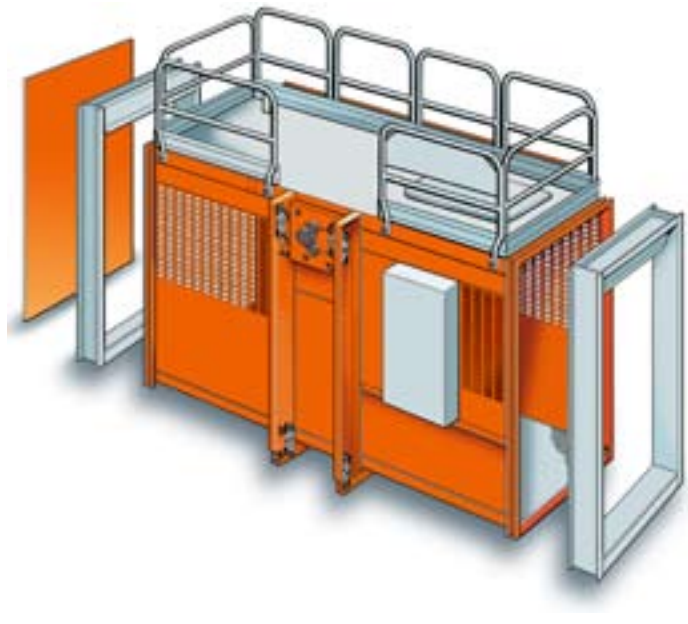
When choosing an Alimak range hoist, you also choose access to a long, genuine experience of complex vertical access requirements from many different parts of the world. To Alimak Hek, no applications are too difficult to solve. Adding the facts that our hoists have a very long lifetime, high quality and low cycle cost makes it easy to choose an Alimak hoist.



ALIMAK SC 45

Main characteristics

- Attractive design and excellent comfort
- Single and dual car configurations
- Modular car design with extensions and multiple door and ramp options
- ALC-II collective control system with group control and internal fault diagnostics system
- Stainless steel electrical cabinet inside the car, integrated into the wall
- Optional dual entrance at base landing level
- Durable materials: high quality steel for increased strength and weight reduction. Car walls and door cladding of perforated steel sheeting, with hot dip galvanized steel mast sections. All stainless steel electrical cabinets and landing control boxes
- Wide range of optional equipment and functions
- Remote Monitoring System – A³, can be added



TECHNICAL SPECIFICATIONS

Max. payload capacity	Up to 2,000 kg
Travelling speed	0–54 m/min.
Max. lifting height*	150 m
Car width, internal	1.4 m
Car length, internal	2.0–3.2 m
Car height, internal	2.13 m
Motor control	Frequency control or direct-on-line
No. of motors	1 or 2
Safety device type	GF
Power supply range	380–400 V, 50 Hz, 3 phase
Fuse ratings	20–80 A
Type of mast	450, tubular steel with integrated rack
Length mast section	1.508 m
Weight mast section with 1 rack	68 kg
Rack module	5

*Increased lifting height on request. The maximum lifting height on Alimak SC 45 with 1-motor drive is 100 m.

www.alimakhek.com

Alimak Hek Vertical Access Equipment (Changshu) Company Limited
is ISO 9001 Certified



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