

# ALIMAK SCANDO 450

**Construction hoists with flexible, modular design**



*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 lengths and multiple door and ramp choices.



#### **Economical**

Reduced cost for fleet owners and rental companies due to flexibility, durability, and accessibility, leading to low cost of ownership. Fuse ratings from 20 A for low energy consumption.

# ALIMAK SCANDO 450

## Low power consumption and low cost of ownership

**The Alimak Scando 450 is a total upgrade of the Alimak CH construction hoist range first launched in 1998. A modernization program encompassing new technology further strengthens the light and medium range construction hoists. The Alimak Scando 450 offers improved comfort with greater productivity and accessibility. Fuse ratings from 20 A result in low energy consumption.**

Alimak Scando 450 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 Scando 450 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 Scando 450 can be used in single or dual car configurations. Alimak Scando 450 can also share the mast of the Hek medium range modular system. 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.

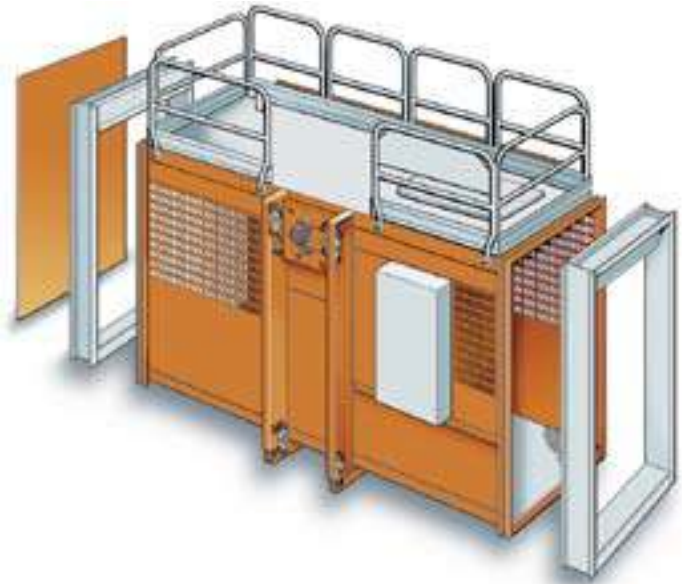
When choosing an Alimak range hoist, you also choose access to a long, genuine experience of complex vertical access requirements from many different parts of the world. To Alimak Hek, no applications are too difficult to solve. Adding the facts that our hoists have a very long lifetime, high quality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



# ALIMAK SCANDO 450

## 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 – A<sup>3</sup>, 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	380–500 V, 50 or 60 Hz, 3 phase
Fuse ratings	From 20 A
Type of mast	450, tubular steel with integrated rack
Length mast section	1.508 m
Weight mast section with 1 rack	70 kg
Rack module	5

\*Increased lifting height on request. The maximum lifting height on Alimak Scando 450 with 1-motor drive is 100 m.

[www.alimakhek.com](http://www.alimakhek.com)

Alimak Hek AB is ISO 9001 Certified

