

ALIMAK SCANDO 650

Construction hoists for passengers and materials



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.

ALIMAK SCANDO 650

High capacity with less power consumption

Alimak Scando 650 is the world's most popular construction hoist concept, and your best choice for efficient construction logistics. Since the launch in 2004, close to 1000 Alimak Scando 650 have been delivered. The modular system offers flexibility, efficiency, safety, productivity, low energy consumption and low cost of ownership, making it the ultimate choice for both construction and rental companies.

Intelligent control

Alimak Scando 650 comes with a modern microprocessor-based control system, ALC-II. It has group control for up to six hoist cars, which can solve many site logistic problems at large construction sites. 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.

ALC-II also features fault diagnostics and is furthermore the base of our advanced online system A³ (access anytime, anywhere) for remote monitoring. The system collects and displays a wide variety of operational information, to minimize down time.

More hoistpower, less power consumption

Alimak Scando 650 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 650 operates at speeds up to 65 m/min and provides more hoistpower, while using as much as 40% less power than previous models.

Truly flexible modularity

The Alimak Scando 650 can be used in single or dual car configurations. The hoist car design is truly modular and offers several car lengths between 3.2-3.9 and 3.9-4.6 m and a multiple choice of doors or ramps. The 650 modular system that can adapt to different applications using relatively few modules and components. The Alimak Scando 650 offers payloads of 1,500 kg to 3,200 kg/car and has a standard maximum lifting height of 250 m, which can be increased on request.

No applications are too difficult

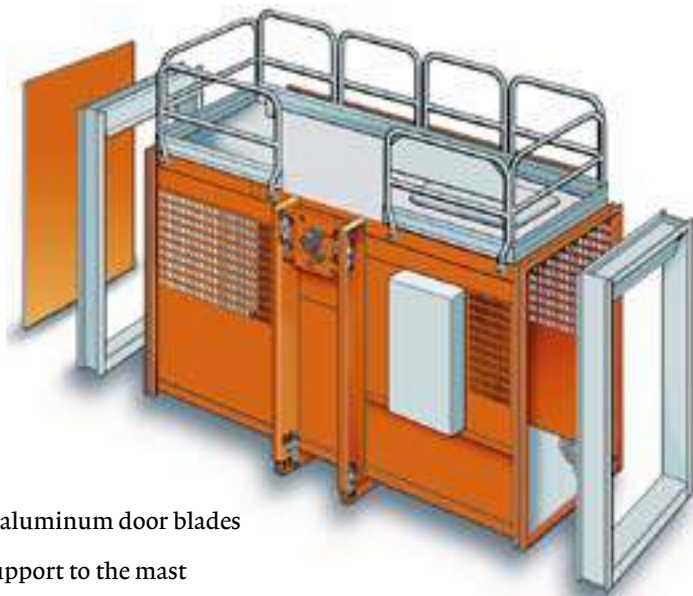
When choosing an Alimak range hoist, you also choose access to a long, genuine experience of complex vertical access requirements from many different parts of the world. To Alimak Hek, no applications are too difficult to solve. Adding the facts that our hoists have a very long lifetime, high quality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



ALIMAK SCANDO 650

Main characteristics

- Attractive design and excellent comfort
- Single and dual car configurations
- Modular car design with extensions and different door and ramp options
- ALC-II collective control system with group control and internal fault diagnostics system
- Stainless steel electrical cabinet recessed into the car wall
- Control panel movable between two sides
- Optional dual entrance at base landing level
- Optional “C”-door on the long side of the car
- Several car door options with strong, light, and easy to open aluminum door blades
- Freestanding up to 22.5 m mast height with optional pipe support to the mast
- Wide range of optional equipment and functions
- Remote Monitoring System – A³, can be added



TECHNICAL SPECIFICATIONS

Max. payload capacity*	1,500–3,200 kg
Travelling Speed	0–65 m/min.
Max. lifting height*	250 m
Car width, internal	1.5 m
Car length, internal	3.2–3.9 and 3.9–4.6 m
Car height, internal	2.3 m
Motor control	Frequency control or direct-on-line
No. of motors	2 or 3
Safety device type	GFD
Power supply range	400–500 V, 50 or 60 Hz, 3 phase
Fuse ratings	From 63 A
Type of mast	650, tubular steel with integrated rack
Length mast section	1.508 m
Weight mast section with 1 rack	118 kg
Rack module	5

* Increased lifting height and payload capacity on request.

www.alimakhek.com

Alimak Hek AB is ISO 9001 Certified

