

# ALIMAK SCANDO 650 FC-XL

**Extra large construction hoists for  
passengers and materials**



*Access anytime, anywhere*



UP TO  
**28 m<sup>3</sup>**  
LOAD SPACE

**FC**

—

€

**XL**

**Intelligent control**

The microprocessor-based Alimak Lift Control system ALC-II reduces waiting times substantially and solve 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.

**Extra large cars**

10 m<sup>2</sup> floor space with 28 m<sup>3</sup> load space. With large capacity hoist cars, productivity will increase further and thus save time and money.



# ALIMAK SCANDO 650 FC-XL

## Increased productivity saves time and money

With the introduction of the fully modular Alimak Scando 650 construction hoist at Bauma 2004, and the high-speed model in 2007, Alimak Hek set a new industry standard for improved performance, durability and intelligent control, paired with reduced cost of ownership. More than 1,000 units, with lifting heights up to 400 metres have been delivered around the world since the launch.

### Now Alimak Hek introduces an extra large model: The Alimak Scando 650 FC-XL.

With internal car lengths up to 5 m, a width of 2 m and a height of 2.8 m it surpasses all existing standard construction hoists operating on a single mast.

The new Alimak Scando 650 FC-XL ease transportation of long facade elements or other bulky materials in the hoist car. By using a lift truck or a board transit bench the loading and unloading of bulky materials can be done easy and ergonomically.

Speeds up to 54 metres per minute and capacities up to 2,500 kg can be achieved. For higher speed (up to 100 m/min.) or capacity, the data will be specified as per actual project demand.

### Adding extra large hoist cars to the 650 success

The 650 concept has been a huge success, combining productivity, reliability and a cost saving modular system with improved ergonomics and up to 40 percent decreased power consumption. With the introduction of the 650 FC-XL, productivity will be increased further and thus save time and money.

### Compatible with all 650 modules

In addition, the 650 FC-XL has no counter weight, and can use the whole line of modules and additions available for the Alimak Scando 650 family. It can be configured (or delivered) with standard modules to suit all known project demands for vertical access – from low to extreme high-rise buildings.



# ALIMAK SCANDO 650 FC-XL

## Main characteristics

- Attractive design and excellent comfort
- Single and dual car configurations
- Modular car design with extensions and different door options
- Optional dual entrances at base landing level
- Optional “C”-door on the long side of the car
- ALC-II collective control system with group control and internal fault diagnostics system
- Stainless steel electrical cabinet inside the car, integrated into the wall
- 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 2,500 kg
Travelling speed	0–54* m/min.
Max. lifting height	250/400** m
Car width, internal	2.0 m
Car length, internal	3.2–5.0 m
Car height, internal	2.8 m
Load space	Up to 28 m <sup>3</sup>
Motor control	Frequency control
No. of motors	3
Safety device type	GFD-II
Power supply range	400–500 V, 50 or 60 Hz, 3 phase
Fuse ratings	125 A, 160 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 travelling speed up to 100 m/min. on request.

\*\* Increased lifting height on request. 250 m with step-up transformer only. 400 m with step-up/step-down transformer.

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

Alimak Hek AB is ISO 9001 and 14001 certified.



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