



## CONSTRUCTION HOIST

PRODUCT GUIDE

# ALIMAK SCANDO 650 FC-S

Access anytime, anywhere

**ALIMAK**

• Authorized Distributor •



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# ALIMAK SCANDO 650 FC-S

## Increased productivity saves time and money

With the introduction of the fully modular Alimak Scando 650 construction hoist in 2004, Alimak set a new industry standard for improved performance, durability, intelligent control and reduced cost of ownership. Today the Alimak Scando 650 is the world's most popular hoist concept, and the high-speed version Alimak Scando 650 FC-S is part of the success.

### ADDING TRUE HIGH-SPEED TO THE 650 SUCCESS

The Alimak Scando 650 concept has been a huge success, combining a cost saving modular system with improved ergonomics. The Scando 650 FC-S, adds true high-speed to the benefits of owning an Alimak Scando 650 hoist. Customers benefit from enhanced efficiency and increased productivity, saving time and money.

### COMPATIBLE WITH ALL SCANDO 650 MODULES

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

### SPEED, RELIABILITY AND PRODUCTIVITY

Available in single or dual car configurations, the Alimak Scando 650 FC-S offers payloads of 2400 kg/car to 3200 kg/car and has a maximum standard lifting height of 400 m. Three frequency control motors drive the system through a high efficiency gearbox. The 650 FC-S operates at speeds up to 100 m/minute. Speed, reliability, and productivity are increasingly important features in large and complex building projects.



## KEY FEATURES

### 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

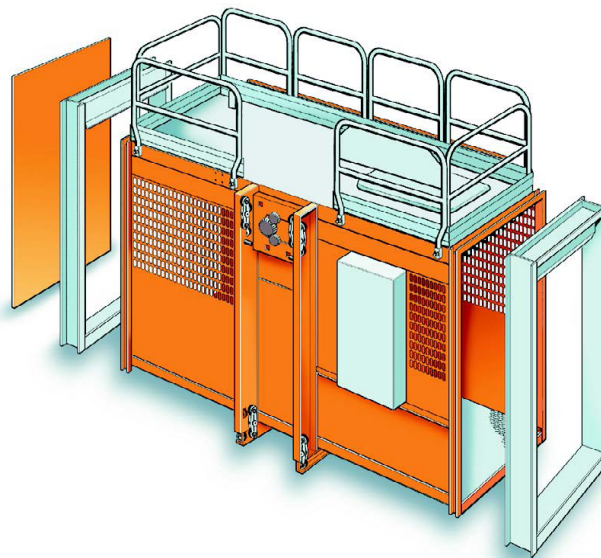
Reduced cost for fleet-owners and renters due to flexibility, durability, and accessibility. Low cost of ownership. Fuse ratings from 20 A for low energy consumption.



## Technical specifications

### 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 inside the car, integrated into the wall
- Optional dual entrances 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



Max. payload capacity	2,400 – 3,200 kg
Travelling speed	0–100 m/min
Max. lifting height*	250/400 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
No. of motors	3
Safety device type	GFD-II
Power supply range	400–500 V, 50 or 60 Hz, 3 phase
Fuse ratings	From 200 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 on request. 250 m with step-up transformer only.