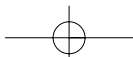




# ALIMAK SCANDO 650 FC-S

High speed construction hoist range  
for passengers and materials







**Intelligent Control**

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



**Improved Comfort**

*The new FC Frequency Control gives very smooth starting and stopping with low starting current and less wear and tear.*



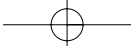
**Flexible Modular Design**

*The hoist car design is truly modular and offers several optional car lengths and a multiple choice of doors or ramps.*



**Economic**

*Decreased cost for fleet-owners and renters due to flexibility, durability and accessibility. Low cost of ownership.*







# ALIMAK SCANDO 650 FC-S

## The new high speed construction hoist range for passengers and materials

**With the introduction of the fully modular ALIMAK SCANDO 650 construction hoist in 2004, Alimak Hek set a new industry standard for improved performance, durability and intelligent control. Paired with reduced cost of ownership. Now we make the Alimak Scando family complete by adding a high-speed version to the 650 line: The ALIMAK SCANDO 650 FC-S.**

### **Adding speed to the 650 success**

The 650 concept has been a huge success, combining a cost saving modular system with improved ergonomics.

With the introduction of ALIMAK SCANDO 650 FC-S, the customers can add high-speed to the benefits of owning an Alimak Scando 650 hoist, consequently further increase productivity and thus save time and money.

### **Compatible with all 650 modules**

In addition, the ALIMAK SCANDO 650 FC-S has no counter weight, and can use the whole 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.

Available in single or dual car configuration, the ALIMAK SCANDO 650 FC-S offers payloads of 2,400 to 3,200 kg/car and has a maximum lifting height of 250 m as standard. Three Frequency Control (FC) motors drive the system through a high efficiency gearbox. The 650 FC-S operates at speeds up to 100 m/minute.

Speed and reliability are increasingly important features in large and complex building projects. Now true high-speed is a part of the 650 family.

**The new high speed construction hoist for greater productivity**



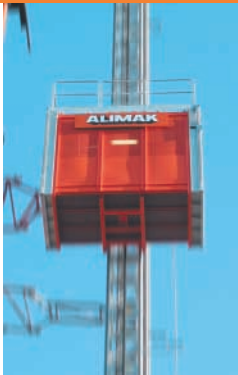


*The Alimak Hek Group is the world's leading supplier of mast climbing equipment and added value services for both temporary and permanent installations providing the most cost efficient, reliable, and flexible vertical access solutions for people and materials in the construction and general industry. The Alimak Hek Group is owned by Triton, an independent European private equity investor, focusing on investing in companies with leading market positions in attractive industry niches. Triton has offices in Sweden, Germany and the UK.*

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**Main characteristics**

- Attractive design and excellent comfort.
- Single and dual car configurations.
- Hoist car of modular design with extensions and different door and ramp units as option.
- ALC-II collective control system with group control and internal fault diagnostics system.
- Electric cabinet of stainless steel inside the car, integrated in the wall.
- Dual entrance at base landing level as option.
- Durable materials: high quality steel for increased strength and weight reduction. Car walls and door cladding of perforated steel sheeting with mast sections of hot dip galvanised steel. All electric cabinets and landing control boxes of stainless steel.
- Wide range of optional equipment and functions.



**TECHNICAL SPECIFICATIONS**

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Max. payload capacity            | 2,400–3,200 kg                           |
| Travelling speed                 | 0–100 m/min.                             |
| Max. lifting height <sup>1</sup> | 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 (FC)                   |
| No. of motors                    | 3                                        |
| Safety device type               | GFD-II                                   |
| Power supply range               | 400–500 V, 50 or 60 Hz, 3 phase          |
| Fuse ratings                     | 200 A                                    |
| Type of mast                     | A-50, Tubular steel with integrated rack |
| Length mast section              | 1.508 m                                  |
| Weight mast section with 1 rack  | 118 kg                                   |
| Rack module                      | 5                                        |

<sup>1</sup> Increased lifting height on request.



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

Alimak AB is ISO 9001 Certified

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