



## CONSTRUCTION HOISTS

PRODUCT GUIDE

# ALIMAK SCANDO 650 XL

Access anytime, anywhere

**ALIMAK**

• Authorized Distributor •



شركة الوسام للتجارة ط.م.م.  
**AL WISAM TRADING CO. L.L.C.**

☎ : (+971 6) 539 03 83

✉ : [awtc@alwisamllc.com](mailto:awtc@alwisamllc.com)

☎ : (+971 6) 539 03 84

🌐 : [www.alwisamllc.com](http://www.alwisamllc.com)

📍 : 81933, Sharjah - U.A.E.



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



#### **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.



#### **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 XL

## Extra large construction hoists for passengers and materials

The Alimak Scando 650 XL construction hoist eases transportation of long facade elements or other bulky materials in the hoist car. With its large capacity, productivity will increase further and thus save time and money.

### EXTRA LARGE HOISTS

With internal car lengths up to 5 m, a width of 2 m and a height of 2.8 m the Alimak Scando 650 XL surpasses all existing standard construction hoists operating on a single mast. By using a forklift truck or a board transit bench the loading and unloading of bulky materials can be done easy and ergonomically.

The Alimak Scando 650 XL can be used in single or dual car configuration. Speeds up to 54 metres per minute and capacities up to 3,000 kg per car can be achieved. For higher speed (up to 100 metres /minute) or capacity, the data will be specified as per actual project demand.

### INCREASED PRODUCTIVITY

The Alimak Scando 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 XL, productivity will be increased further and thus save time and money.

### COMPATIBLE WITH ALL 650 MODULES

In addition, the 650 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.



Increased productivity  
saves time and money

## Technical specifications

### MAIN CHARACTERISTICS

- Robust 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.



Motor control	Frequency control (FC)
Max. payload capacity	2,400–3,000 kg (5,290–6,614 lb)
Travelling speed	0–54 / 0–100 m/min. (0–177 / 0–328 fpm) *
Max. lifting height	250 / 400 m (820 / 1,312 ft) **
Car width, internal	2.0 m (6'-6 3/4") ***
Car length, internal	3.2–5.0 m (10'-6" – 16'-4 3/4") ***
Car height, internal	2.8 m (9'-2 1/4") ***
Max. load space per car	28 m <sup>3</sup> (988 ft <sup>3</sup> )
No. of motors	3 x 11 kW
Safety device type	ALIMAK 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 (4'-11 3/8")
Weight mast section with 1 rack	115 kg (254 lb)
Rack module	5

\* Increased travelling speed up to 100 m/min. (328 fpm) on request.

\*\* Increased lifting height on request. 250 m (820 ft) with step-up transformer only. 400 m (1312 ft) with step-up/step-down transformer.

\*\*\* Other car sizes on request.