

# ALIMAK SCANDO 650

Construction Hoists for Passengers and Materials

## SCANDO 650. THE NEXT LEVEL.

Introducing the next level in vertical transportation of men and material. SCANDO 650 – the new range of construction hoists. Your best choice for efficient construction logistics.

More Flexible. More Control. More Scando.



MORE HOISTPOWER.

***Bigge*** Established 1916  
**CRANE and RIGGING CO.**



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# SCANDO 650

## The Next Level

### MORE CONTROL



#### LESS STOP TIME

Improve the accessibility with our new micro-processor based Control System ALC-II. Reduce waiting times substantially and solve your site logistic problems.

### MORE HOISTPOWER



#### LESS POWER CONSUMPTION

The new gearbox and motor will give you more hoistpower and improved performance paired with a lower power consumption.

### MORE FLEXIBLE



#### LESS MODULES

With the new ALIMAK SCANDO 650 modular access system you will cover many different installation applications with fewer modules and components.

### MORE ECONOMIC



#### DECREASE YOUR COSTS

Decreased cost for owner & user due to flexibility, durability and accessibility. Low cost of ownership. Less maintenance costs and improved productivity will have a healthy effect on the bottom line profit.



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## NEW CONTROL SYSTEM

### IMPROVES THE ACCESSIBILITY

The new microprocessor based control system ALC-II have Group Control for up to 6 hoists. It brings both the efficiency and ease of use of today's ordinary hotel lifts to the construction site. The system is easily configurable between different types of control systems and have fault diagnostics as standard. Quick installation. Rigid and modular design.

## NEW GEARBOX

### IMPROVES PERFORMANCE

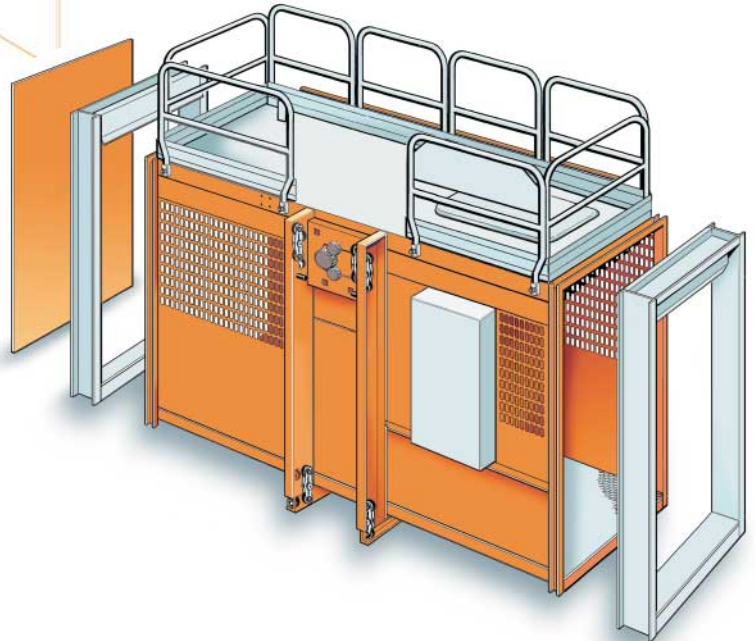
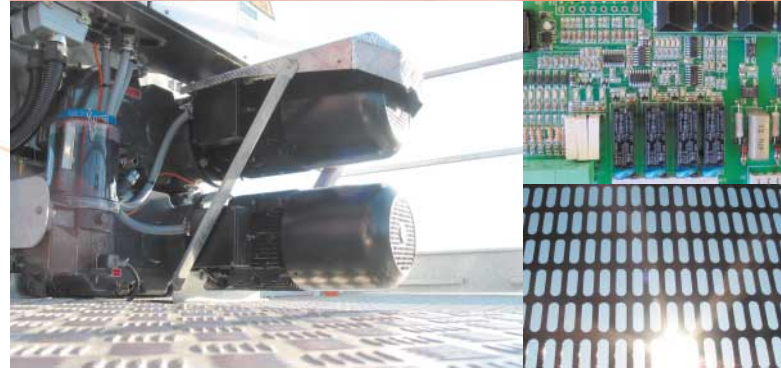
The new high efficiency gearbox enables increased payload capacity at the same speed with less power consumption compared to former ALIMAK SCANDO models. The new generation FC Frequency Control gives extremely smooth starting and stopping with low starting current and less wear and tear.

## NEW MODULAR SYSTEM

### COVERING MORE APPLICATIONS

With a wide standardized range and modularised components you will cover more applications with less modules. The system is multi code compliance and moveable between markets with minimal adaptations. ALIMAK SCANDO 650 fulfil the codes EN 12159 and ANSI 10.4 as well as the majority of all national codes. A wide range of alternative door and ramp units is available to optimize different installation applications.

ALIMAK SCANDO 650 is easily configurable for the end-user which means that you save time on installation and dismantling.



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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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## LARGE AND SMALL REFINEMENTS

- Attractive design and excellent comfort
- Single and twin car configurations
- ALC-II collective control system with group control and internal fault diagnostics system
- Two or three motor drive for capacities 1,500–3,200 kg (3300–7054 lbs) per car
- Speeds up to 65 m/min (213 fpm)
- FC or DOL motor controller
- Electrical panel of stainless steel recessed in car
- Control panel movable between two sides
- Dual entrance at base landing level as option
- Hoist car of modular design with extensions and different door and ramp units as option
- Optional “C”-door on the long side of the car
- Several car door options with door blades of aluminium, strong, light and easy to open
- Car lengths of up to 4.6 m (15'-1"). Car width 1.5 m (4'-11")
- Freestanding up to 22.5 m (73'-9") mast height with optional pipe support to the mast
- Compact base unit design – low transport volume

## TECHNICAL DETAILS

<b>Payload capacity<sup>1</sup></b>	1,500–3,200 kg	3300–7054 lbs.
<b>Speed</b>	38–65 m/min.	125–213 fpm.
<b>Max. lifting height<sup>1</sup></b>	250 m	825 ft
<b>Drive units</b>	2- and 3-motor	
<b>Safety device</b>	GFD	
<b>Car dimensions (internal):</b>		
<b>Width</b>	1.5 m	4'-11"
<b>Length</b>	3.2–3.9 and 3.9–4.6 m	10'-6" to 12'-9" and 12'-9" to 15'-1"
<b>Height</b>	2.3 m	7'-6 1/2"

<sup>1</sup> Increased lifting height and payload capacity on request.

If you need more information about local sales, rental and service organisations, or product lines, please visit our web address below.

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