

ALIMAK SCANDO 450

Compact design and excellent ride qualities



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The new construction hoist range with compact design and excellent ride qualities

The new ALIMAK SCANDO 450 is a total upgrade of the ALIMAK CH construction hoist range first launched in 1998. A modernization program encompassing new technology further strengthens the light and medium range construction hoists. ALIMAK SCANDO 450 offers improved comfort with greater productivity and accessibility. Fuse ratings from 20 A gives low energy consumption.

ALIMAK SCANDO 450 offers greater efficiency and improved durability, with lower energy consumption and reduced cost of ownership. Accessibility is improved by the use of the new microprocessor based control system, ALC II, which can solve many site logistic problems. For example, the system reduces waiting times by storing all calls from the landings and sending the hoist car that is logistically nearest to a landing to pick up passengers.

ALIMAK SCANDO 450 also gets a new FC frequency control unit, with closed-loop, which gives very smooth starting and stopping with low starting current and less wear and tear.

The upgrade has many advantages that you will benefit from. Components, accessories and spare parts can now be coordinated between the ranges.

The name ALIMAK SCANDO 450 refers to the smaller Alimak construction hoist member using the 450 mast. Although similar in overall design appearance to its predecessor, the upgraded ALIMAK SCANDO 450 range incorporates several interesting features that provides even more customer value than before.

The most economical choice for fleet-owners and renters!



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. Alimak Hek, with manufacturing in Europe, Asia, and North America, operates wholly owned sales and rental companies in some 20 locations around the world, and has over 50 representatives in other locations.

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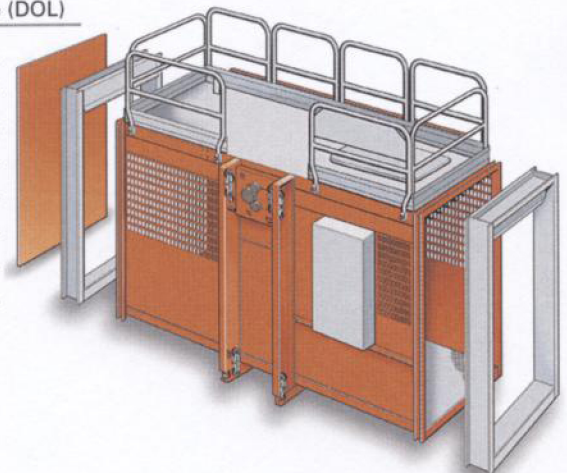
Main characteristics

- 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

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|----------------------------------|--|
| Max. payload capacity | Up to 2,000 kg |
| Travelling speed | 0–54 m/min. |
| Max. lifting height ¹ | 150 m |
| Car width, internal | 1.4 m |
| Car length, internal | 2.0–3.2 m |
| Car height, internal | 2.13 m |
| Motor control | Frequency Control (FC) or Direct-On-Line (DOL) |
| No. of motors | 1 or 2 |
| Safety device type | GF |
| Power supply range | 380–500 V, 50 or 60 Hz, 3 phase |
| Fuse ratings | 20–80 A |
| Type of mast | 450, Tubular steel with integrated rack |
| Length mast section | 1.508 m |
| Weight mast section with 1 rack | 68 kg |
| Rack module | 5 |



¹ Increased lifting height on request.
The maximum lifting height on ALIMAK SCANDO 450 with 1-motor drive is 100 m.

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

www.alimakhek.com

Alimak AB is ISO 9001 Certified

