

ALIMAK SC 65/32

## Passenger and materials construction hoist



*Access anytime, anywhere*

## A new generation of construction hoists

### Outstanding performance from the world's leader in rack and pinion technology

The ALIMAK SC 65/32 is a reliable and efficient high-speed construction hoist, offering simplicity of operation, ease of installation and intelligent design with a low total cost of ownership. Engineered in Sweden and manufactured in China, the ALIMAK SC 65/32 undergoes a series of rigorous safety and quality tests before arrival to market. Driven by a high-efficiency helical gearbox, the ALIMAK SC 65/32 is available in both Direct-On-Line (DOL) or Frequency Controlled (FC), with a FC-HS version available for high-demand, high-speed, and high-rise construction projects. A new design with quality, high-strength materials ensures low energy consumption, improved running efficiency and smooth operation, with the safety and usability expected of an Alimak hoist.

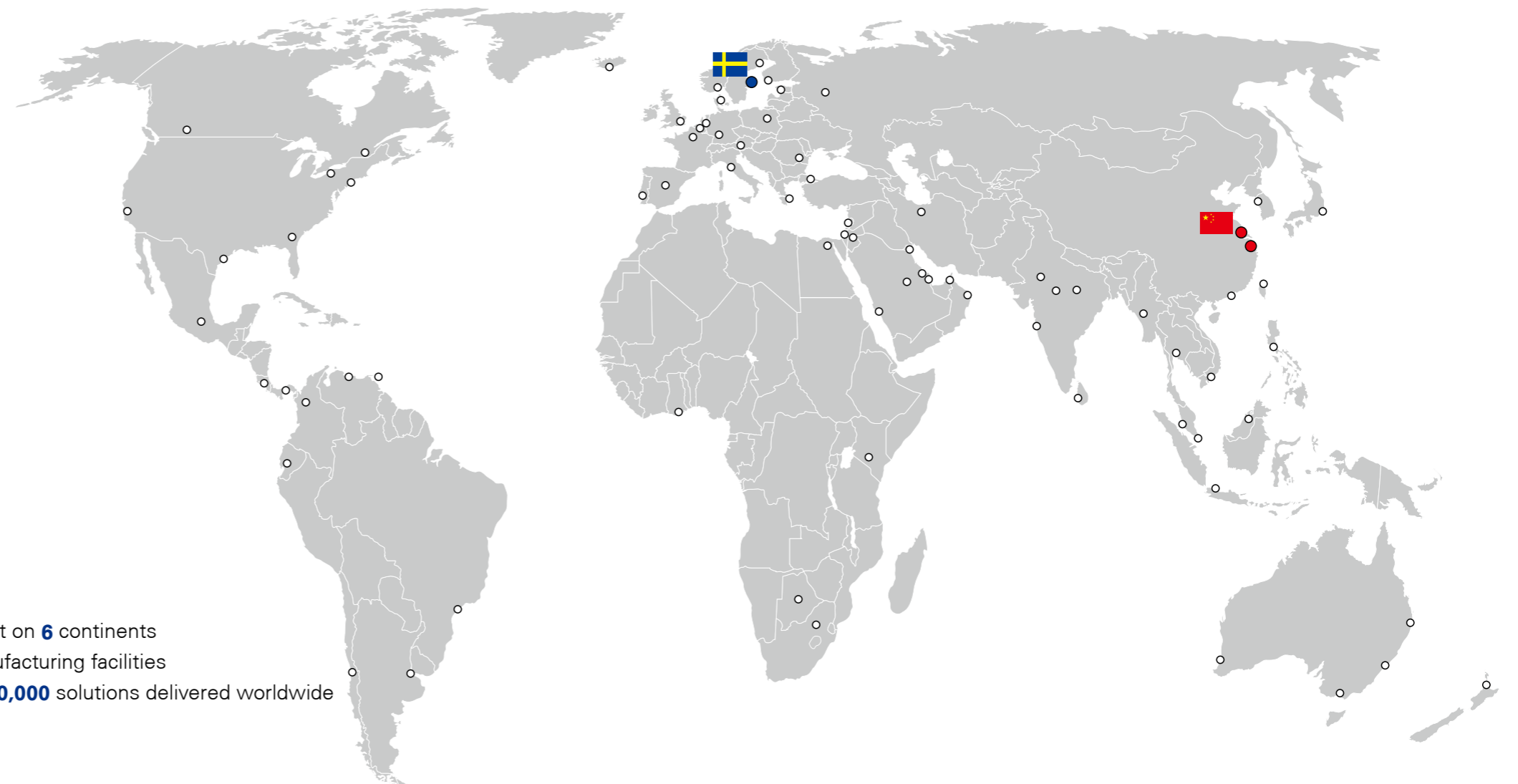


## Alimak Hek

### Your trusted partner in vertical access solutions

As leaders in vertical access solutions, Alimak Hek offers cutting-edge rack and pinion technology, rigorous quality control processes, exacting safety standards and a global sales and service network. Alimak Hek is committed to improving operational efficiency and reliability, and designing innovative products to meet the evolving needs of clients.

- Alimak Hek has over 50 years' experience in rack and pinion technology and is committed to investing in new product research and development. This dedication to product exploration, innovation and perfection ensures Alimak Hek is at the forefront of technological advancements and new product development.
- Alimak Hek is supported by three manufacturing facilities, more than 20 sales and service companies and over 50 licensed agencies around the world. Our global network ensures we are here for you, when and where you need us.
- Alimak Hek has provided over 30,000 vertical transport solutions for construction and industrial projects worldwide.
- Alimak Hek's manufacturing facility in China boasts a production and office area of 14,500 square meters and warehouse capacity of 5,000 square meters. Advanced manufacturing equipment and a streamlined, safe and environmentally friendly production facility ensure Alimak Hek products are manufactured to the highest quality and safety standards.



Present on **6** continents  
**3** manufacturing facilities  
Over **30,000** solutions delivered worldwide





## ALIMAK SC 65/32

### A high-speed, high-efficiency construction hoist

#### Economical

Low cost of ownership for construction and rental companies through durability, accessibility and easy installation and dismantling.

#### Smooth Operation

Frequency control provides smooth starting and stopping with a low starting current and less wear and tear.

#### Robust Design

A robust car design with a choice of door and ramp options ensure maximum usability and extended equipment life.

#### Proven Technology

An easy-to-use control system, based on proven Alimak Hek technology, allows for simple operation and ease of use.

The ALIMAK SC 65/32 is designed for passenger and materials transport. The ALIMAK SC 65/32 offers, efficiency, safety, reduced energy consumption and low operating costs, making it the ideal hoist solution for construction and rental companies. A modern microprocessor hoist control system with stop-next-landing control allows for simple operation and ease of use. The ALIMAK SC 65/32 runs on the Alimak 650 mast, improving utilization of machine accessories; while a hoist capacity of 2,000 kg offers increased transport capacity at a low cost. With a larger hoist car, higher speeds and increased lifting heights, the ALIMAK SC 65/32 is the perfect hoist solution for high-demand and high-rise construction.

#### Main Characteristics

- Safety
  - Mechanical interlocking door system to guarantee the highest safety standards.
- Reliability
  - High strength steel extends equipment life and reduces dead weight; With a robust design, based on proven Alimak Hek technology, the Alimak SC 65/32 is a reliable hoist solution that delivers when you need it to.
- Efficiency
  - A high-efficiency helical gearbox affords (30%) lower power consumption and operating costs, compared to competitor hoist products. Built-in electrical cabinet maximises internal hoist dimensions for increased lifting capacity.
- Ergonomic design
  - Superior operator comfort with a robust design for equipment durability; a choice of door and ramp options ensure maximum usability; easy to use stop-next-landing control system allows for simple operation; LED-light in cage for maximum usability and operator comfort; optional installation crane and single or dual cage available.







## ALIMAK SC 65/32

### Quality, energy-efficiency and low-cost ownership

#### **Rack and pinion**

Alimak Hek is the global leader in rack and pinion drive technology, with more than 50 years' experience in the innovation of high-quality rack and pinion products designed to meet client requirements. The ALIMAK SC 65/32 is engineered and manufactured to Alimak Hek's exacting standards, delivering reliability, energy efficiency and durability in even the toughest working conditions.

#### **Flexibility of design**

The ALIMAK SC 65/32 offers flexibility of design, with three available door options: a vertical door, bi-folding door or vertical door with load ramp. The load ramp allows for quick and easy loading of materials, and requires no special landing bridges.

#### **Energy-efficient drive unit**

A high-efficiency helical gearbox provides lower power consumption and reduced operational costs.

#### **Variable Frequency Control**

Variable Frequency Control (FC) provides smooth starting and stopping, with a low starting current, less wear and tear and improved landing accuracy. A range of voltage options are available to suit any client power requirement.

#### **Extended equipment life**

The ALIMAK SC 65/32 uses lighter and stronger galvanized steel mast sections and tie-ins. A centrally located rack balances the force between mast pipes and guide rollers, ensuring even equipment wear and extending operational life.

#### **Reduced power consumption**

New design and materials provide stronger, lighter and more compact cage design for reduced power consumption. A fixed cage frame and welded cage walls lengthen machine service life, while reducing noise and vibrations.

#### **Easy installation and dismantle**

No special tools are required, and four lifting eyes are located on the car roof and two on the drive unit for easy installation and dismantle. This ensures a cost-effective and user-friendly hoist solution.



# ALIMAK SC 65/32

## Technical Specifications

ALIMAK SC 65/32	DOL	FC	FC-HS
Max. Payload capacity	2000 kg	2000 kg	2000 kg
Traveling speed	36 m/min	0~60 m/min	0~90 m/min
Max. Lifting height *	150 m	300 m	300 m
Car width, internal	1.5 m	1.5 m	1.5 m
Car length, internal	3.2 m	3.2 m	3.2 m
Car height, internal	2.5 m	2.5 m	2.5 m
Motor control	DOL	FC	FC
No. of motors	2	2	3
Power supply	11 KW	16.4 KW	16.4 KW
Safety device type*	SAJ40-1.2A	SAJ40-1.4	SAJ50-2.0
Mast section dimensions (L xW xH)	650 mm x 650 mm x 1508 mm, tubular steel with integrated rack	650 mm x 650 mm x 1508 mm, tubular steel with integrated rack	650 mm x 650 mm x 1508 mm, tubular steel with integrated rack
Rack module	8	8	8

\*Increased lifting height on request.