

## SPECIFICATIONS

### Technical Data Overview

Payload capacity	Up to 2,000 kg
Speed	0–54 m/min.
Max. lifting height	150 m (Increased lifting height on request.)
Car width (internal)	1.4 m
Car length (internal)	2.0–3.2 m
Car height (internal)	2.13 m
Motor control	DOL/FC
No. of motors	1–2
Safety device type	GF
Power supply range	380–500 V, 50 or 60 Hz, 3 phase
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



**Our rack and pinion products are designed, engineered and manufactured to deliver customers ongoing reliability and wear resistance in the toughest work environments!**

### Overview

Alimak Scando 450 is a construction hoist for passengers and materials. It offers flexibility, efficiency, safety, low energy consumption and low cost of ownership making it the ultimate choice for both construction and rental companies. Accessibility is improved by a modern 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 cargo or passengers.

Alimak Scando 450 can be equipped with a frequency control unit (FC), with closed-loop, which gives very smooth starting and stopping with low starting current and less wear and tear.

The Alimak Scando 450 can be used in single or dual car configurations. Alimak Scando 450 can also share the mast of the Hek medium range modular system. This unique advantage improves utilization of accessories and increases the access capability in a cost-effective way. The hoist car design is truly modular and offers several optional car lengths between 2.0 and 3.2 m and a multiple choice of doors or ramps.

When choosing an Alimak range hoist, you also choose access to a long, genuine experience of complex vertical access requirements from many different parts of the world. To Alimak Hek, no applications are too difficult to solve. Adding the facts that our hoists have a very long lifetime, high quality and low cycle cost makes it easy to choose an Alimak hoist.