

SPECIFICATIONS

Technical Data Overview

Payload capacity	1,500–3,200 kg
Speed	38–65 m/min.
Max. lifting height	250/400 m*
Car width (internal)	1.5 m
Car length (internal)	3.2–3.9 and 3.9–4.6 m
Car height (internal)	2.3 m
Motor control	DOL/FC
No. of motors	2–3
Safety device type	GFD-II
Power supply range	380–500 V, 50 or 60 Hz, 3 phase
Type of mast	A-50, Tubular steel with integrated rack
Length mast section	1.508 m
Weight mast section with 1 rack	118 kg
Rack module	5

* Increased lifting height on request. 250 m with step-up transformer only. 400 m with step-up/step-down transformer.



Overview

Alimak Scando 650 is the world's most popular construction hoist concept, and your best choice for efficient construction logistics. Since the launch in 2004, close to 1000 Alimak Scando 650 have been delivered. The modular system offers flexibility, efficiency, safety, productivity, low energy consumption and low cost of ownership, making it the ultimate choice for both construction and rental companies.

Intelligent Control

Alimak Scando 650 comes with a modern microprocessor based control system, ALC-II. It has group control for up to six hoist cars, which can solve many site logistic problems at large construction sites. 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.

ALC-II also features fault diagnostics and is furthermore the base of our advanced online remote monitoring system A3. The system collects and displays a wide variety of operational information, to minimize down time.

More Hoistpower, Less Power Consumption

Alimak Scando 650 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 650 operates at speeds up to 65 m/min and provides more hoistpower, while using as much as 40% less power than previous models.

Truly Flexible Modularity

The Alimak Scando 650 can be used in single or dual car configurations. The hoist car design is truly modular and offers several car lengths between 3.2-3.9 and 3.9-4.6 m and a multiple choice of doors or ramps. The 650 modular system that can adapt to different applications using relatively few modules and components. The Alimak Scando 650 offers payloads of 1,500 kg to 3,200 kg/car and has a standard maximum lifting height of 250 m, which can be increased on request.

No Applications Are Too Difficult

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.

See The Alimak Scando 650 in Action

This example shows how efficient vertical transportations can be solved during refurbishment projects. At this project, the Alimak construction hoists are transporting 180t of demolition waste down to the ground level every day.