

CONSTRUCTION HOISTS

PRODUCT GUIDE

ALIMAK SCANDO 450

Access anytime, anywhere

rys Yapı San. Tic.Ltd.Şti. | ALIMAK

ALIMAK SCANDO 450

Flexible, modular design, low power consumption and low cost of ownership

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. Fuse ratings from 25 A result in low energy consumption.

INTELLIGENT CONTROL

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 is 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.

UNIQUE ADVANTAGE IMPROVES UTILIZATION

The Alimak Scando 450 can be used in single or dual car configurations. Alimak Scando 450 can also share the mast of an MC 450 mast climbing work platform or a TPM transport platform. 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 – 3.2 m (6'-6 ¾" – 10'-6") 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, 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.



Technical Data

General

Installation country	Turkey
Regulation	No specific
Hoist configuration	C52B - Long car with two vertical gates - Increased payload
Drive unit	2-motor DOL 50 Hz
Other possible configurations	See general technical data sheet

Performance

Pay load capacity	2000 kg
Number of persons	25 Pers
Average speed	0,6 m/s (38 m/min 125 fpm)
Max. lifting height	100 m
Cable guiding system	Basket
Buffer	Standard buffer (EN and local regulation Speed<= 1,1 m/s)
No of buffers	3 pcs
Safety device	9067360-1009 (GF)

Car

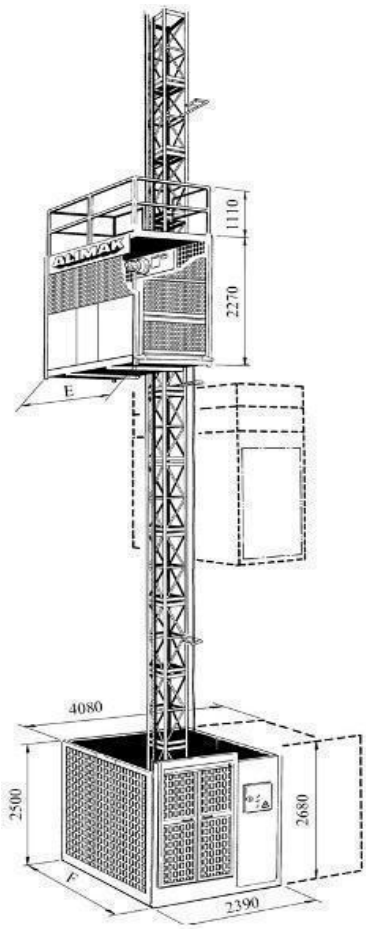
Internal car width (W)	1.40 m
Internal car length (L)	3 m
External car length	3.12 m
Internal car height	2.13 m
Door opening height	2 m
Min shaft width (Z)	2.30 m
Min shaft length (Y)	3.32 m

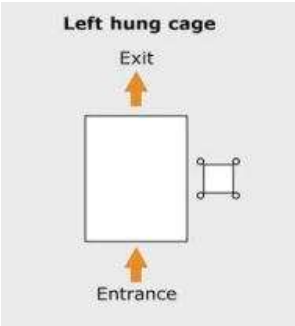
Electrical Data

Supply voltage	400 V
Recommended power supply fuses	63 A
Power consumption	29 / 32 kVA
Starting current	207 A
Car voltage	400 V
Car fuses	63 A
Frequency	50 Hz
Motor power	2x7,5 kW

Transport Dimensions and Weights

Car weight (incl drive unit, excl cable)	1349 kg
Drive unit weight	485 kg
Base unit weight (singel)	2159 kg
Mast section weight, one rack	68 kg
Mast section weight, two racks	85 kg
Mast section length	1508 mm
Base unit length	3.50 m
Base unit width	2.55 m
Base unit height (excl machinery)	2.68 m





This data is for information only, it is not intended to be used for design or construction purposes.