

# ALIMAK

## SCANDO 450 DOL /32 50Hz

Extended 3.0 m car with two vertical doors	X		(C62)
Ext. 3.0 m car with one load ramp and vertical door	X		(C65)
Ext. reinforced 3.0 m car <sup>1)</sup> with two vertical doors		X	(NA)
Ext. reinforced 3.0 m car <sup>1)</sup> with one load ramp and one vertical door	X		(NA)

Pay-load capacity (fuse 35A)	kg	900	700
Average speed 50 Hz	m/min	30	30
Max. lifting height	meter	100	100
<b>Increased lifting height on request</b>			
No. of buffer springs	pcs.	2	2
Safety device type GF	P/no.	9067360-8008	

### CAR DIMENSIONS

Internal width	meter	1.4	1.4
Internal length	meter	3.2	3.2
External length ( E )	meter	<i>add 0.12 m to internal length above</i>	
Internal height, minimum	meter	2.0	2.0
Door opening W x H	meter	<i>all equal = 1.4 x 2.0</i>	

### ELECTRICAL DATA

Power supply range	380 – 420 V, 50 Hz, 3 Phase		
At 400 V/50 Hz:			
Power supply fuses	A~	35	35
Single motor machinery	kW	1 x 11	1 x 11
Starting current (DOL)	A~	144	144
Power consumpt. (fuse 35A)	kVA~	16	15

Power cable guiding system *Cable basket (≤ 100 m)*

*Data for other voltages on request*

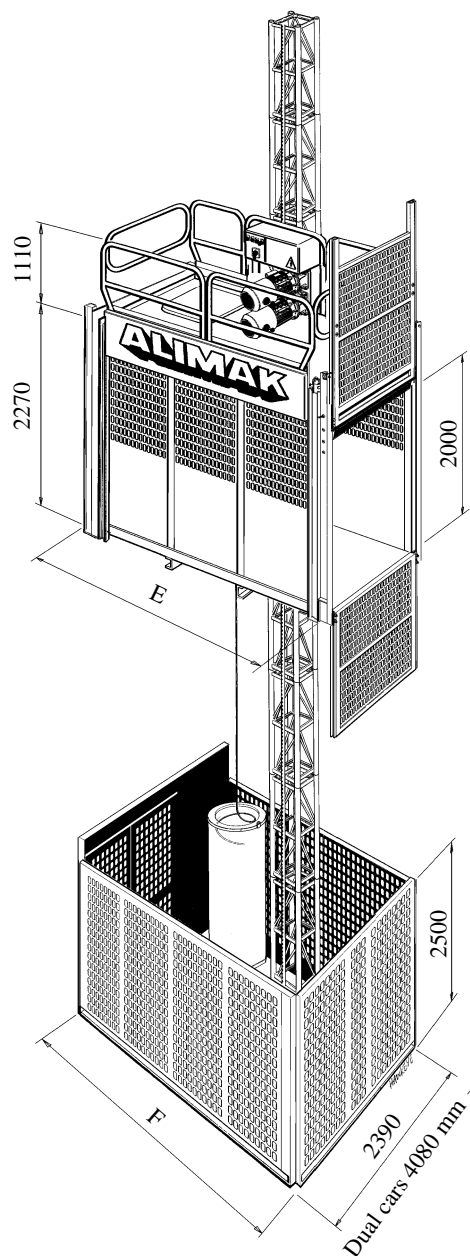
### WEIGHTS

Base unit weight approx.	kg	2400	<sup>2)</sup>
Mast section with one rack	kg	70.5	70.5
Mast section with two racks	kg	87.5	87.5
Mast section length	mm	1508	1508

### TRANSPORT DIMENSIONS

Base unit incl. ground enclosure:

Length ( F ):	m	<i>add 0.38<sup>3)</sup> m to external length ( E )</i>	
Width ( G ):	m	2.39	2.39
Maximum height: machinery excl.	m	3.10	3.10



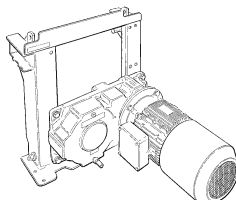
<sup>1)</sup> Reinforced car structure and boogie rollers for load more than 1400 kg.

<sup>2)</sup> Weights indicated for base model including standard entrance and exit door. Add 32 kg for each 0.1 m car extension part where applicable. Add trailing power cable approximately 1.0 kg/meter where cable basket occurs. Add additional 140 kg or 110 kg respectively, where optional load ramp occurs.

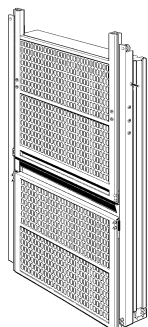
<sup>3)</sup> Add additional 0.1 m where accessories for pipe support equipment are added to the ground enclosure.

# SCANDO 450 Modular System

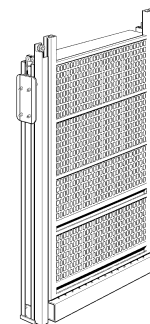
Single motor machinery FC  
incl. VFC-panel weight 330 kg



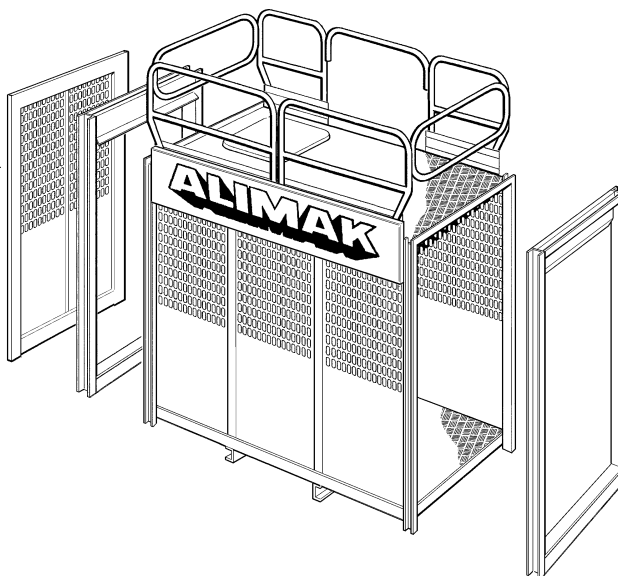
Standard vertical exit door  
in two parts, weight 90 kg



Standard vertical full height  
entrance door, weight 110 kg



2.0 m car base structure incl. safety railings (55 kg),  
weight 463 kg



Closed, solid wall  
on exit side,  
weight 40 kg

Additional section  
to increase car length  
0.1 m in one or two  
directions (0.1 + 0.1 m).  
Weight 32 kg each.

Exit door combined with  
optional electric / hydraulic  
operated load ramp.  
Weight 230 kg.  
Add 140 kg when changed  
from standard exit door.

Exit door combined with  
optional manual load ramp.  
Weight 200 kg.  
Add 110 kg when changed  
from standard exit door.

Mast section Mk II  
length 1508 mm.

