

# ALIMAK

## SCANDO 650 FC /32

3.2 m car with two <sup>1)</sup> vertical doors	X				(C22)
3.2 m car with three vertical doors		X			(C23)
3.2 m car with one load ramp and one <sup>1)</sup> vertical door			X		(C25)
3.2 m car with one load ramp and two vertical doors				X	(C26)

Pay-load capacity (fuse 63 A)	kg	2100	2000	2000	1900
(fuse 80 A)	kg	2400	2300	2200	2000
Speed 50 Hz / 60 Hz	m/min	0 – 42	0 – 42	0 – 42	0 – 42
Max. lifting height	meter	200	200	200	200
<b>Increased lifting height on request</b>					
No. of buffer springs	pcs.	2	2	2	2
Safety device type GFD	P/no.	9101991-9010			

### CAR DIMENSIONS

Internal width	meter	1.5	1.5	1.5	1.5
Internal length	meter	3.2	3.2	3.2	3.2
External length ( E )	meter	<i>add 0.12 m to internal length above</i>			
Internal height	meter	2.3	2.3	2.3	2.3
Door opening W x H	meter	<i>all equal = 1.5 x 2.0</i>			

### ELECTRICAL DATA

Power supply range	400 – 500 V, 50 or 60 Hz, 3 Phase				
At 400 V/50 Hz:					
Power supply fuses	A~	63 or 80 alternatively			
Dual motor machinery	kW	2 x 11			
Starting current (fuse 63 A)	A~	60			
(fuse 80 A)	A~	64			
Power consumpt. (fuse 63 A)	kVA~	36			
(fuse 80 A)	kVA~	39			
Power cable guiding system	<i>Cable basket (≤ 100 m)</i>				
<b>Data for other voltages on request</b>					

### WEIGHTS

Base unit weight approx.	kg	2850	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>
Mast section with one rack	kg	115	115	115	115
Mast section with two racks	kg	135	135	135	135
Mast section length	mm	1508	1508	1508	1508

### TRANSPORT DIMENSIONS

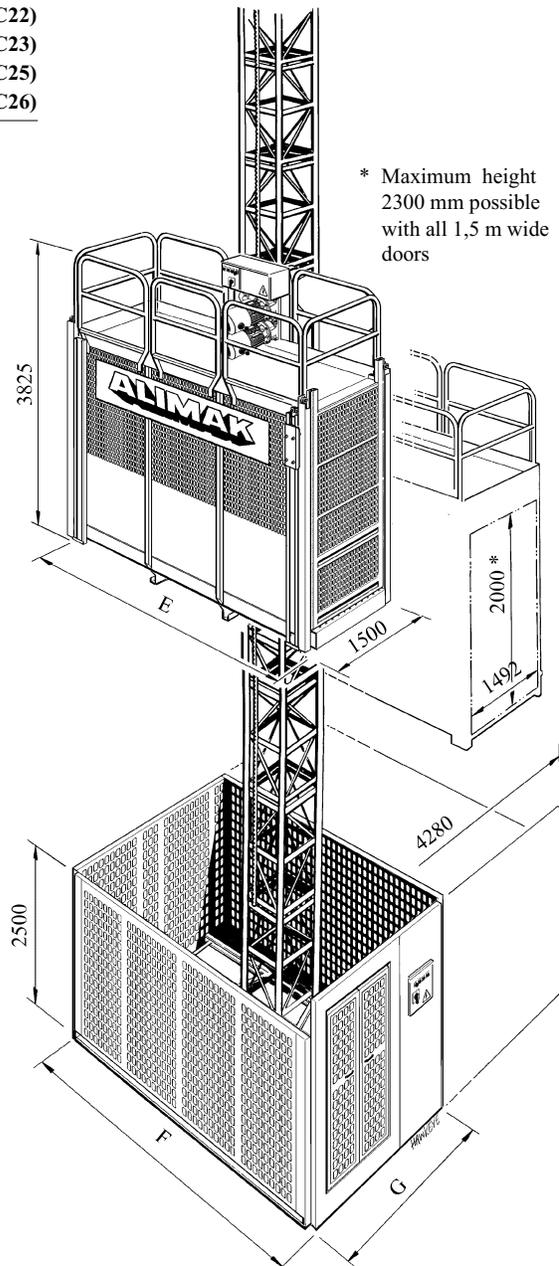
Base unit incl. ground enclosure:

Length ( F ):	m	<i>add 0.50 <sup>3)</sup> m to external length ( E )</i>			
Width ( G ):	m	2.55	2.75	2.55	2.55
Maximum height: machinery excl.	m	3.10	3.10	3.10	3.10

<sup>1)</sup> A "slim" 3<sup>rd</sup> exit door also possible.

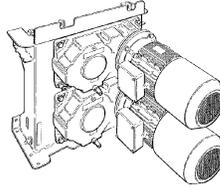
<sup>2)</sup> Weights indicated for base model including standard entrance and exit door. Add trailing power cable approximately 1.0 kg/meter where cable basket occurs. Add additional 147 kg or 117 kg respectively, where optional load ramp occurs.

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

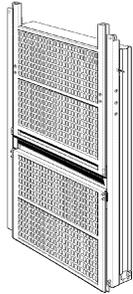


# SCANDO 650 Modular System

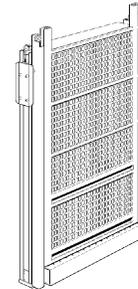
Dual motor machinery (FC)  
incl. VFC-panel (45 kW). Weight 590 kg



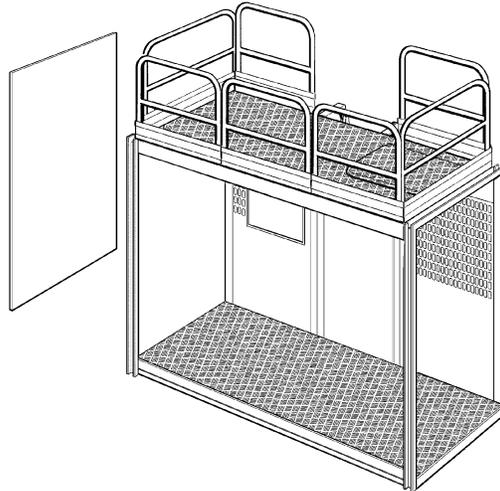
Vertical exit door  
in two parts,  
weight 133 kg



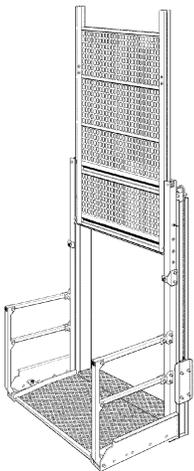
Vertical full height  
entrance door, weight 155 kg



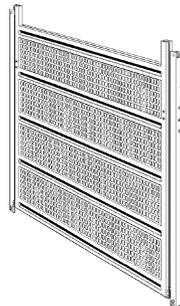
2.8 m car base structure incl. safety railings (85 kg),  
weight 1500 kg



Closed, solid wall  
on exit side,  
weight 55 kg



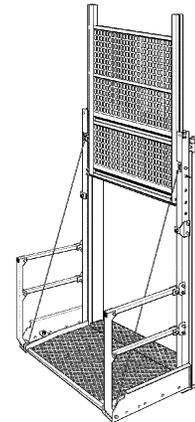
Exit door combined with  
optional electric / hydraulic  
operated load ramp.  
Weight 280 kg.  
Add 147 kg when changed  
from standard exit door.



Vertical full height  
"slim" 2.5 m entrance  
door, weight 190 kg



Vertical "slim" 1.5 m exit  
door in two parts, weight  
75 kg



Exit door combined with  
optional manual load ramp.  
Weight 250 kg.  
Add 117 kg when changed  
from standard exit door.