

ALIMAK

SCANDO 650 FC /39

3.9 m car with two ¹⁾ vertical doors	X			(C52)
3.9 m car with three vertical doors		X		(C53)
3.9 m car with one load ramp and one ¹⁾ vertical door			X	(C55)
3.9 m car with one load ramp and two vertical doors			X	(C56)

Pay-load capacity (fuse 100 A) kg		2800	2700	2600	2600
(fuse 125 A) kg		3200	3200	3200	3200
Speed 50 Hz / 60 Hz	m/min	0 – 54	0 – 54	0 – 54	0 – 54
Max. lifting height	meter	200	200	200	200
Increased lifting height on request					
No. of buffer springs	pcs.	3	3	3	3
Safety device type GFD	P/no.	90099255-1212			

CAR DIMENSIONS

Internal width	meter	1.5	1.5	1.5	1.5
Internal length	meter	3.9	3.9	3.9	3.9
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>1.5 or 3.2 ⁴⁾ x 2.0</i>			

ELECTRICAL DATA

Power supply range	400 – 500 V, 50 or 60 Hz, 3 Phase				
At 400 V/50 Hz: (<i>step-up transformer above 170 m required</i>)					
Power supply fuses	A~	100 or 125 alternatively			
Triple motor machinery	kW	3 x 11			
Starting current (fuse 100 A)	A~	98			
(fuse 125 A)	A~	108			
Power consumpt. (fuse 100 A)	kVA~	59			
(fuse 125 A)	kVA~	65			
Power cable guiding system	<i>Cable trolley</i>				
<i>Data for other voltages on request</i>					

WEIGHTS

Base unit weight approx.	kg	3450	²⁾	²⁾	²⁾
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

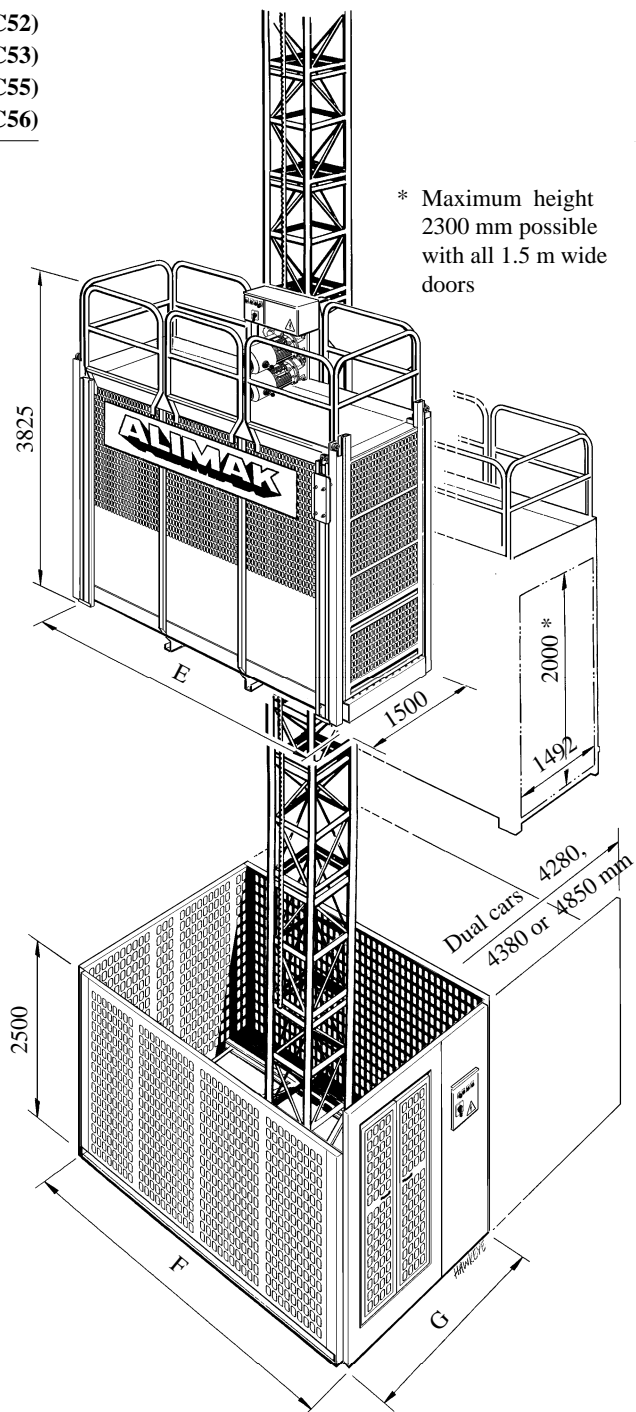
Base unit incl. ground enclosure:					
Length (F):	m	<i>add 0.50 ³⁾ m to external length (E)</i>			
Width (G):	<i>See table on previous page</i>				
Maximum height:	m	<i>all 3.10</i>			
machinery excl.					

¹⁾ A 1.5 m's "slim" 3rd exit door also possible.

²⁾ Weights indicated for base model including standard entrance and exit door.
Add additional 147 kg or 117 kg respectively, where optional load ramp occurs.

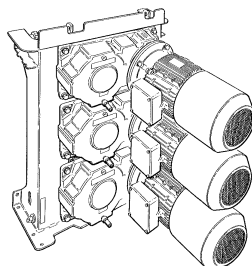
³⁾ Add additional 0.1 m where accessories for pipe support equipment are added to the ground enclosure.

⁴⁾ Is intended for the 3rd vertical lift door (location C).

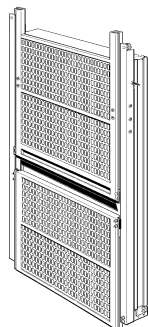


SCANDO 650 Modular System

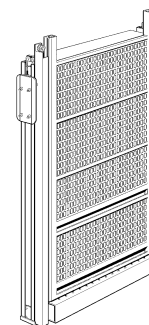
Triple motor machinery
incl. VFC-panel (75 kW). Weight 890 kg



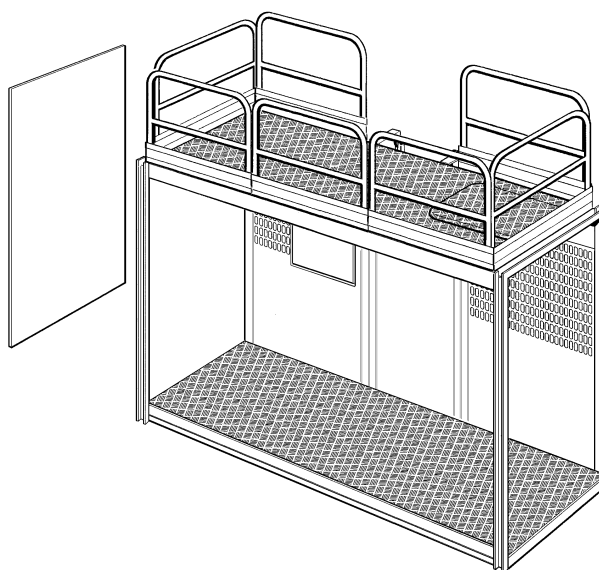
Vertical exit door
in two parts,
weight 133 kg



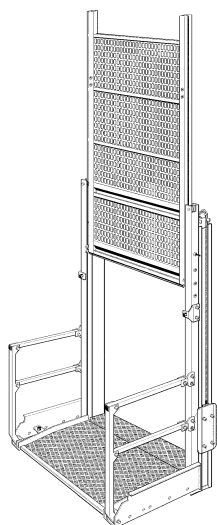
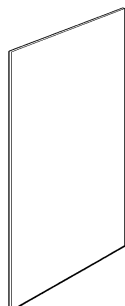
Vertical full height
entrance door, weight 155 kg



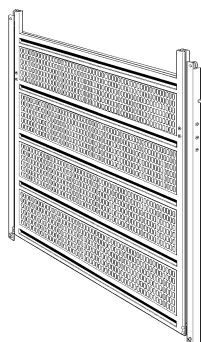
3.5 m car base structure incl. safety railings (100 kg)
weight 1116 kg



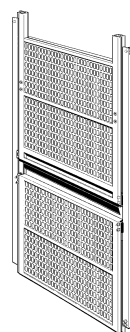
Closed, solid wall
on exit side,
weight 55 kg



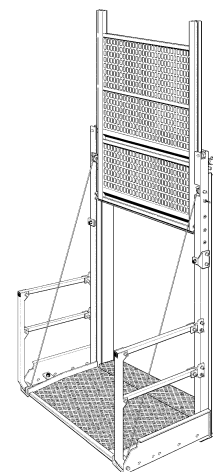
Exit door combined with
optional electric / hydraulic
operated load ramp.
Weight 280 kg.
Add 147 kg when changed
from standard exit door.



Vertical full height
"slim" 3.2 m entrance
door, weight 210 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.

Enclosure width dimension G	Single	Dual
Enclosure for car with standard entrance and exit doors	2550 mm	4280 mm
Enclosure with additional vertical lift door, location C	2600 mm	4380 mm
Enclosure with additional double leaf swing door, location C	2835 mm	4850 mm