

ALIMAK®

SCANDO 450 FC /24

2.4 m car with two vertical doors	X	(C22)
2.4 m car with one load ramp and one vertical door	X	(C25)
Reinforced 2.4 m car ¹⁾ with two vertical doors	X	(NA)
Reinforced 2.4 m car ¹⁾ with one load ramp and one vertical door	X	(NA)

Pay-load capacity (fuse 50A)	kg	1400	1400
(fuse 63A)	kg	1400	1400
Average speed 50 or 60 Hz	m/min	42	42
Max. lifting height	meter	150	150
Increased lifting height on request			
No. of buffer springs	pcs.	2	2
Safety device type GF	P/no.	9067360-8010	

CAR DIMENSIONS

Internal width	meter	1.4	1.4
Internal length	meter	2.4	2.4
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

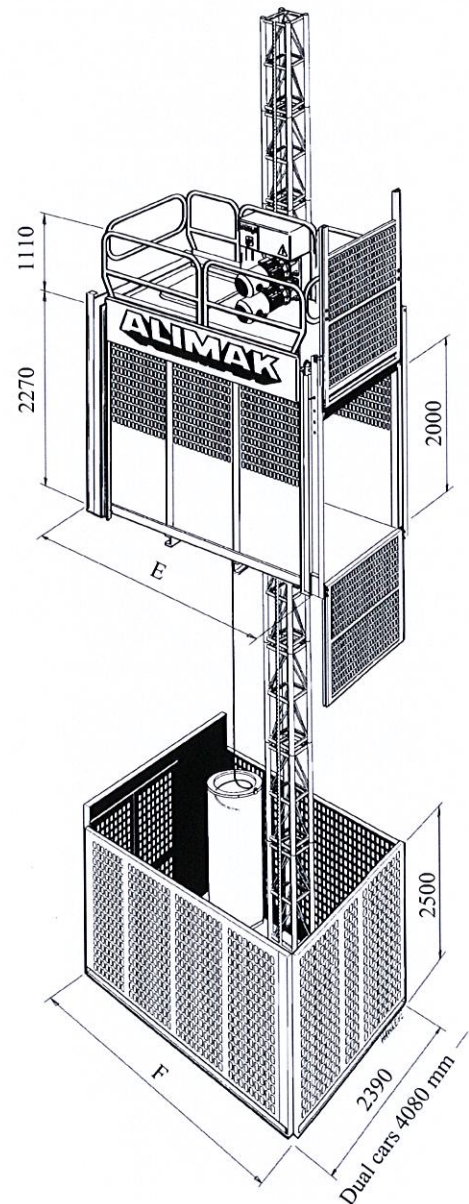
Power supply range	400 – 500 V, 50 or 60 Hz, 3 Phase		
At 400 V/50 Hz:			
Power supply fuses	A~	50 or 63 alternatively	
Dual motor machinery	kW	2 x 11	2 x 11
Starting current (fuse 50A)	A~	40	42
(fuse 63A)	A~	40	42
Power consumpt. (fuse 50A)	kVA~	24	25
(fuse 63A)	kVA~	24	25
Power cable guiding system	<i>Cable basket (≤ 100 m)</i>		
<i>Data for other voltages on request</i>			

WEIGHTS

Base unit weight approx.	kg	2480	²⁾
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 ³⁾ m to external length (E)</i>	
Width (G):	m	2.39	2.39
Maximum height: machinery excl.	m	3.10	3.10



¹⁾ Reinforced car structure and boogie rollers for load more than 1400 kg.

²⁾ 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.

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