

Technical data

ALIMAK SCANDO 650 XL FC-S 27/39 SP

GENERAL

Installation country	United Kingdom
Main regulation	EN 12159:2012
Drive unit	3x22 kW FC-S
Hoist setup	Left hung hoist
Entrance door	Vertical door with threshold ramp
Exit door	Vertical door with threshold ramp
C-door	Vertical door 3.2 m

PERFORMANCE

Pay load capacity	2700 kg (5900 lbs)
Number of persons	33 pers
Average speed up/down at rated payload	1.3-1.67 m/s (78-100 m/min 256-328 fpm)
Max lifting height this configuration	100.000 m
Cable guiding system	Cable trolley on separate guide
Buffer	Hydraulic
Number of buffers	3
Safety device	GFDIII
Tripping speed	1.9 m/s

CAR

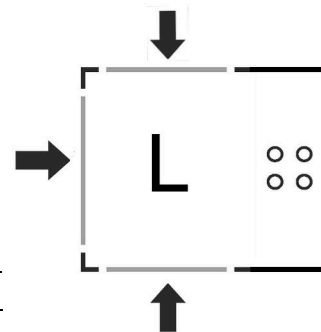
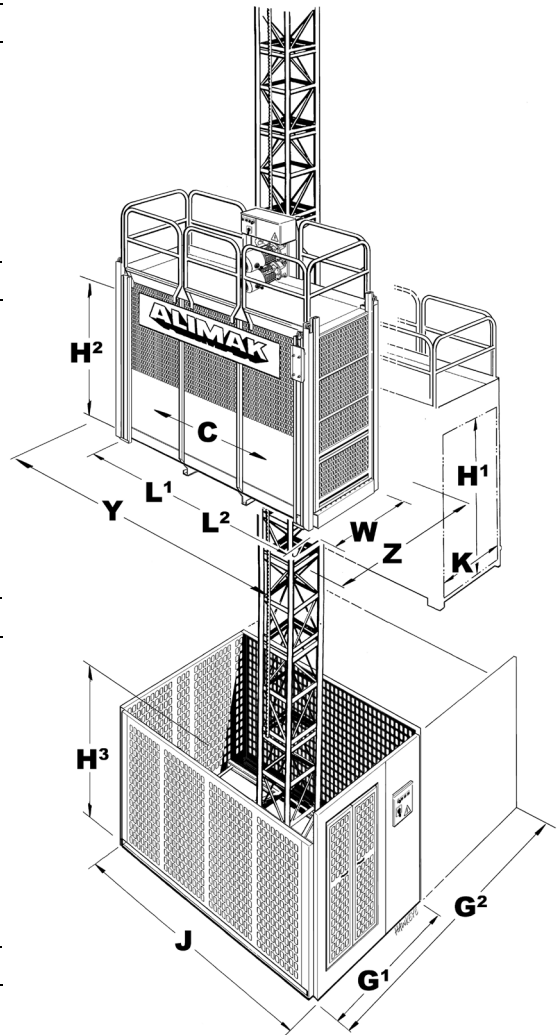
Internal car length (L1)	3.900 m
Internal car width (W)	2.000 m
Internal car height (H2)	2.800 m
External car length (L2)	4.080 m
Door width, A and B door (K)	2.000 m
Door opening heights (H1)	2.500 m
C-gate door width (C)	3.200 m
Door opening height C door	2.500 m
Min shaft length (Y)	4.280 m
Min shaft width (Z)	3.132 m

ELECTRICAL DATA

Supply voltage	400 V
Frequency	50 Hz
Power consumption	105 kVA
Starting current	174 A
Recommended power supply fuses	200 A
Step up trafo fuse	125 A
Car voltage	500 V
Motor power	3x22 kW FC
Feeding power cable(s)	Trolley, 35 mm ² Trail + Control + 50 mm ² Fixed
Trailing cable length	53.000 m

TRANSPORT DIMENSIONS AND WEIGHTS

Car weight (incl drive unit)	3,280 kg
Drive unit weight	1,200 kg
Base unit weight (single excl drive)	4,888 kg
Base unit length	4.572 m
Base unit width (G1)	3.114 m
Base unit height	3.639 m
Total (shipped) weight incl. height components	7,896 kg



* Image shows Base landing