

Technical specifications

MAIN BENEFITS

- Modular design delivering you a wide range of car sizes and capacities
- Drive machinery located on the car means no costly machine room is required
- Fully collective lift control system
- Durable materials: extruded aluminium car wall panels with car support frame and mast sections of hot dip galvanised steel. All stainless steel electrical cabinets and landing control boxes. Optional stainless steel cars
- Wide range of optional equipment and functions delivering you the right equipment for each individual task
- Remote Monitoring System – The online A³ remote control can also be added to monitor lift operations 24/7 and pro-actively trace faults should they arise to avoid downtime.

ELEVATOR CAR CONFIGURATION EXAMPLES (M)

	2.60	2.86	3.12	3.38	3.64	3.90	4.16
1.82							
2.08							
2.34							
2.60							
2.86							

Car width and length can be extended in steps of 65 mm, 130 mm or 260 mm.

	ALIMAK SETM	ALIMAK SE-ExTM
Max. payload capacity:	3,200–7,000* kg (7,250–15,400* lb)	2,500–6,000* kg (5,500–13,200* lb)
Loading classifications (ANSI):	Class A, B, C1, C2, (C3)	Class A, B, C1, C2, (C3)
Travelling speed:	0.5 m/s (105 fpm)	0.5 m/s (105 fpm)
Lifting height:	Up to 70 m (230 ft) **	Up to 70 m (230 ft) **
Motor control:	Frequency Control	Frequency Control
No. of motors:	2x2 or 2x3	2x2 or 2x3
Internal car width (W):	1.82 m – 2.86 m (5'-11 2/8" – 9'-4 2/8") ***	1.82 m – 2.86 m (5'-11 2/8" – 9'-4 2/8") ***
Internal car length (L):	2.60 m – 4.16 m (8'-6 1/4" – 13'-7 2/8") ***	2.60 m – 4.16 m (8'-6 1/4" – 13'-7 2/8") ***
Internal car height:	2.35 m or 2.50 m (7'-8 1/2" or 8'-2 1/2")	2.35 m or 2.50 m (7'-8 1/2" or 8'-2 1/2")
Door opening height:	2.35 m or 2.50 m (7'-8 1/2" or 8'-2 1/2")	2.35 m or 2.50 m (7'-8 1/2" or 8'-2 1/2")
Power supply range:	380–500 V, 50/60 Hz, 3 phase	380–500 V, 50/60 Hz, 3 phase
Type of mast:	Square (A-50), or rectangular (FE), tubular steel with integrated rack	Square (A-50), or rectangular (FE), tubular steel with integrated rack
Length mast section:	1.508 m (4'-11 3/8")	1.508 m (4'-11 3/8")
Protection class (ATEX):	None (Safe area)	Zone 2, Gas group IIB, Temp. class T3
Protection class (NEC):	None (Safe area)	Class 1 Division 2, Gas group C or D, Temp. class T1–T3 (T4)
Dust, NEC	None (Safe area)	Class 2, Division 2, Dust group F and G

* Max. payload capacity with FE-mast is 4,500 kg (9,900 lb) ** Increased lifting height on request. *** Car and door size can be extended further depending on payload, width/length and loading classification. Max. car area on SE-ExTM is 8.9 m² (95.8 ft²). For other demands or specifications, please consult Alimak.