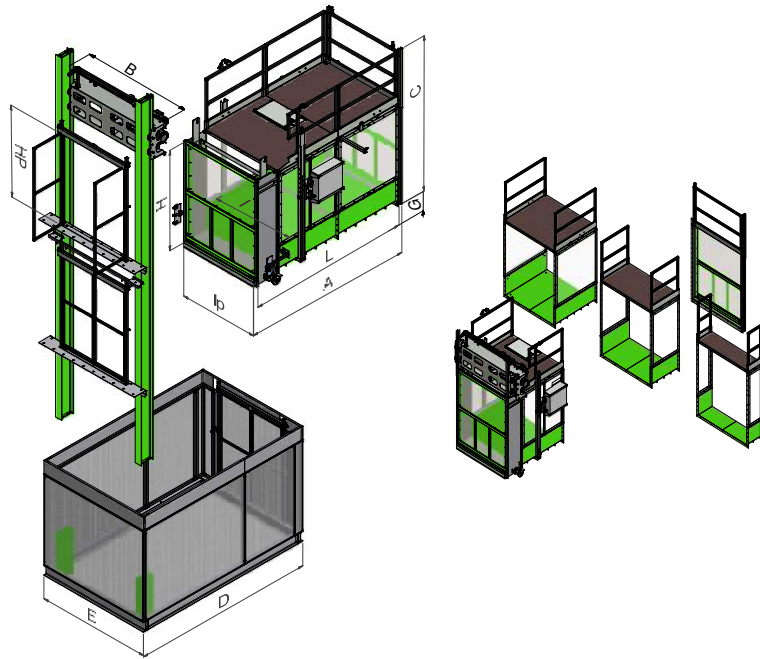


Key

A	Overall car length
B	Overall car width
C	Overall car height
D	Overall base cage length
E	Overall base cage width
F	Ground clearance
G	Internal car height
H	Doorway height
Hp	Internal car length
L	Doorway length
I	Internal car width
lp	Doorway width

Modularity

Car length (M) is scalable every 0.5 m



ELEVATOR LL 2500 M

Model	M = 1.9 M	M = 2.50 M	M = 3 M	M = 3.50 M	M = 4 M	M = 4.50 M			
Dimensions									
Internal car length L (m)	1.9	2.5	3.0	3.57	4.07	4.57			
Internal car width I (m)	1.70	1.70	1.70	1.70	1.70	1.70			
Internal car height H (m)	2.10	2.10	2.10	2.10	2.10	2.10			
Doorway size lp x Hp (m)	1.50	1.50	1.50	1.50	1.50	1.50			
Overall car size A x B x C (m)	2.2 x 2.4 x 3.4	2.7 x 2.4 x 3.4	3.2 x 2.4 x 3.4	3.7 x 2.4 x 3.4	4.2 x 2.4 x 3.4	4.7 x 2.4 x 3.4			
Overall base cage size D x E (m)	2.50 x 2.50	3.0 x 2.50	3.3 x 1.9	4.0 x 2.50	4.50 x 2.50	5.0 x 2.50			
Mast center distance (m)	2.0	2.0	2.0	2.0	2.0	2.0			
Ground clearance G (m)	0.2	0.2	0.2	0.2	0.2	0.2			
Load volume (m³)	7.3	9	10.8	12.5	14.3	16			
Internal car size (m²)	3.4	4.25	5.1	5.95	6.8	7.65			
Weight									
Empty car + engine weight (kg)	1 427	1 600	1 654	1 725	1 869	1 922			
Maximum payload (kg)	4 427	4 600	4 454	4 225	4 069	3 522			
Ground enclosure weight (kg)	547	588	629	670	711	752			
Max torque at max payload (m x kg)	2 700	3 450	4 200	4 500	4 620	4 800			
Net torque (m x kg)	571	900	1 100	1 370	1 914	2 194			
Max torque (m x kg)	3 271	4 350	5 300	4 870	6 534	7 000			
Capacity / Power feeder data									
SPEED	12 m/min DOL⁽¹⁾	Max. Payload (kg) / Max. Passenger	3 000 / 15	3 000 / 20	2 800 / 25	2 500 / 25	2 200 / 22	1 600 / 16	
		Nominal Power (kW)	11 [5.5] x 2	11 [5.5] x 2	11 [5.5] x 2	11 [5.5] x 2	11 [5.5] x 2	11 [5.5] x 2	11 [5.5] x 2
		Nominal In ⁽³⁾ / Is ⁽⁴⁾ (A)	24 / 144	24 / 144	24 / 144	24 / 144	24 / 144	24 / 144	24 / 144
	18 m/min FC⁽²⁾	Max. Payload (kg) / Max. Passenger	3 000 / 15	2 700 / 20	2 500 / 25	2 250 / 25	2 000 / 22	1 500 / 16	
		Nominal Power (kW)	15 [7.5] x 2	15 [7.5] x 2	15 [7.5] x 2	15 [7.5] x 2	15 [7.5] x 2	15 [7.5] x 2	15 [7.5] x 2
		Nominal In ⁽³⁾ / Is ⁽⁴⁾ (A)	32 / 96	32 / 96	32 / 96	32 / 96	32 / 96	32 / 96	32 / 96
	24 m/min FC⁽²⁾	Max. Payload (kg) / Max. Passenger	2 700 / 15	2 400 / 20	2 400 / 25	2 000 / 25	1 800 / 22	1 300 / 16	
		Nominal Power (kW)	18.4 [9.2] x 2	18.4 [9.2] x 2	18.4 [9.2] x 2	18.4 [9.2] x 2	18.4 [9.2] x 2	18.4 [9.2] x 2	18.4 [9.2] x 2
		Nominal In ⁽³⁾ / Is ⁽⁴⁾ (A)	40 / 120	40 / 120	40 / 120	40 / 120	40 / 120	40 / 120	40 / 120
	30 m/min FC⁽²⁾	Max. Payload (kg) / Max. Passenger	2 400 / 15	2 100 / 20	2 100 / 25	1 700 / 25	1 500 / 22	1 200 / 16	
		Nominal Power (kW)	22 [11] x 2	22 [11] x 2	22 [11] x 2	22 [11] x 2	22 [11] x 2	22 [11] x 2	22 [11] x 2
		Nominal In ⁽³⁾ / Is ⁽⁴⁾ (A)	50 / 150	50 / 150	50 / 150	50 / 150	50 / 150	50 / 150	50 / 150

⁽¹⁾DOL = Direct On Line / ⁽²⁾FC = Frequency Controller (speed) / ⁽³⁾In = Nominal current / ⁽⁴⁾Is = Starting current

Other features

Power supply	400 V (+/-5%) – 50 Hz – 3P + N + E
Type of operation	Lift man - Intercall - Automatic
Support	Ground - Suspended
Cabin door opening	Vertical sliding door - Roller shutter
Anchoring of ties to	Concrete wall - Concrete slab edge - Cut stone - Brick - Metal structure - Scaffolding
Distance between mast ties	1 st mast tie ≤ 3m, then ≤ 6 m
Height above the last tie (m)	3
Standard maximum lifting height (m)	50
Mast dimensions (m) / weight (kg)	0.3 x 2-4-6-8-10-12 / 60 x 2 mâts = 120
Patented safety devices XL	Centrifugal brake - Freewheel - XL key
Modularity	Driving unit convertible into a MCP - Custom-made car size upon request - Engines can be assembled either on the side, below or above the car
Conformity	Directive 2006/42/EC on machinery (CE Certified) EN 12159 (designed and manufactured according to standard requirements)