

Detailed product information. synergy 300.

Version October 2020

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Product overview.

Application.

- synergy 300 is intended for transport of persons, which may take along goods with light to moderate weight, considering for the goods a maximum weight of 40% nominal load
- **Buildings: Low-rise and low duty commercial buildings**
- Segment: New installation with functional requirements
- **Uncompromised reliability and efficiency**
- **Recommended number of trips: max. 360.000 starts / year**
- Low-mid traffic volume (ISO 25745, categories 1-3)
- Energy efficiency class A
- Design: Predesigned (A and B design lines) / customised
- Optional glass doors with frame
- Cabin dimensions: fixed standard dimensions (ISO 4190-1) and flexible to 10 mm
- Self-supporting cabin / cabin with sling
- Single entrance / double entrance (180°)
- Machine room-less / machine room
- Modifications to the standard are possible by contract engineer

Main performance data.

synergy 300

Features

Load, Q	kg	630–1000
Speed, v	m/s	1,0 / 1,6 / 1,75
Travel Height TH, max.	m	45 (1 m/s), 75 (1.6-1.75 m/s)
Number of stops, max.		20
Machine room-less / machine room		• / ◦
Elevators group		Up to 4 elevators
Drive		Gearless, frequency controlled (VVVF)
Door model		CD20 / LD20, LD20 / CD30, CD30 / LD30
Door type		L2 / C2 / C4
Main regulations		EN 81-20/50, Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. Examinations and tests EN 81-28, Emergency calls EN 81-58, Landing doors fire resistance test
Additional regulations (optional)		EN 81-70, Barrier free EN 81-71, Vandal-resistant, partially Cat. 1 EN 81-77, Seismic conditions, Cat. 0-3 EN 81-73, Fire evacuation

Elevator type.

synergy 300 is a 2:1 rope suspension, with diverting pulleys below the cabin. The ropes are fastened to guiderails at the head of the shaft. For synergy 300 with a 1 m/s car, no sling is required but is offered as option. synergy 300 at 1.6 and 1.75 m/s requires a cabin with sling.

The controller is installed in a control cabinet next to the landing door at the top floor. The VVVF frequency inverter is located in the shaft head.

Machine room-less

The motor is located at the head of the shaft on a bedplate fixed to a car guiderail and to the shaft wall. The speed governor is fixed to the other car guiderail.

Machine room

The machine, the VVVF frequency inverter and the controller are located in the machine room on top of the shaft.



Cabin dimensions.

Specified loads in the shaft pit / overhead

Load Q	kg	630	825	1000	1000	1000
Cabin dimensions						
Cabin width x Cabin depth CW x CD	mm	1100 x 1400	1350 x 1400	1100 x 2100	1400 x 1600	1600 x 1400
Single entrance, SE		•	•	•	•	•
Double Entrance, DE (180°)		◦	◦	◦	◦	◦
Passengers		8	10	13	13	13
Cabin Height, CH	mm	2200-2500	2200-2500	2200-2500	2200-2500	2200-2500
Door Opening, DO	mm	900-1000	900-1100	900-1000	900-1100	900-1100
Door height, DH	mm	2000-2300	2000-2300	2000-2300	2000-2300	2000-2300

- Standard features
- Optional
- Not available

Planning data.

Shaft dimensions.

System				Cabin		Door				Shaft									
Rated load [kg]	Number of passengers	Speed [m/s]	Travel height max. [m]	Car width x car depth [mm]	Car height [mm]	Type of entrance	Door type	Door width [mm]	Door height [mm]	Shaft width [mm]	Shaft depth [mm]	Door in recess	Shaft depth [mm]	Door partially in shaft	Shaft depth [mm]	Door in shaft	Shaft pit [mm]	"Shaft head [mm]	
630	8	1,0	45	1100x1400	2200	2200-2500		S/D		L2/ C2		900-1000		2000-2300					
						S	L2	900	2000	1605	1690	1760	1825	1000	3400				
						D	L2	900	2000	1605	1830	1980	2080	1000	3400				
		S	C2			900	2000	1750	1830	1980	2080	1000	3400						
		D	C2			900	2000	1980	1665	1695	1755	1000	3400						
		D	C2			900	2000	1980	1760	1850	1940	1000	3400						
	1,6	75	2200	75	2200	2200	S	L2	900	2000	1610	1700	1770	1825	1350	3615			
							D	L2	900	2000	1610	1700	1770	1825	1350	3615			
							S	L2	900	2000	1605	1700	1770	1825	1460	3745			
		D	L2	900			2000	1605	1700	1770	1825	1460	3745						
		S	L2	1000			2000	1750	1700	1770	1825	1350	3615						
		D	L2	1000			2000	1750	1700	1770	1825	1350	3615						
825	10	1,0	45	1350x1400	2200	2200-2500		S/D		L2/C2		900-1100		2000-2300					
						S	L2	900	2000	1850	1700	1760	1825	1000	3400				
						D	L2	900	2000	1850	1830	1980	2080	1000	3400				
		S	C2			900	2000	1850	1830	1980	2080	1000	3400						
		D	C2			900	2000	2025	1665	1695	1755	1000	3400						
		D	C2			900	2000	2180	1665	1695	1755	1000	3400						
	1,6	75	2200	75	2200	2200	S	L2	1000	2000	2025	1760	1850	1940	1000	3400			
							D	L2	1000	2000	2180	1760	1850	1940	1000	3400			
							S	L2	1000	2000	1850	1700	1770	1825	1350	3615			
		D	L2	1000			2000	1850	1700	1770	1825	1350	3615						
		S	L2	1000			2000	1850	1700	1770	1825	1460	3745						
		D	L2	1000			2000	1850	1700	1770	1825	1460	3745						
1000	13	1,0	45	1100x2100	2200	2200-2400		S/D		L2/C2		900-1000		2000-2300					
						S	L2	900	2000	1600	2390	2460	2525	1000	3400				
						D	L2	900	2000	1610	2530	2680	2780	1000	3400				
		S	C2			900	2000	1745	2530	2680	2780	1000	3400						
		D	C2			900	2000	1980	2365	2395	2455	1000	3400						
		D	C2			900	2000	1980	2460	2550	2640	1000	3400						
	1,6	75	2200	75	2200	2200	S	L2	900	2000	1600	2400	2470	2525	1350	3615			
							D	L2	900	2000	1600	2400	2470	2525	1350	3615			
							S	L2	1000	2000	1750	2400	2470	2525	1350	3615			
		D	L2	1000			2000	1750	2400	2470	2525	1350	3615						
		S	L2	900			2000	1600	2400	2470	2525	1460	3745						
		D	L2	900			2000	1600	2400	2470	2525	1460	3745						
1000	13	1,0	45	1400 x 1600	2200	2200-2500		S/D		L2/C2		900-1100		2000-2300					
						S	L2	1000	2000	1900	1900	1960	2025	1000	3400				
						D	L2	1000	2000	1900	1900	1960	2025	1000	3400				
		S	C2			1000	2000	1900	2030	2180	2280	1000	3400						
		D	C2			1000	2000	1900	2030	2180	2280	1000	3400						
		D	C2			1000	2000	2180	1865	1895	1955	1000	3400						
	1,6	75	2200	75	2200	2200	S	L2	1100	2000	2380	1865	1895	1955	1000	3400			
							D	L2	1100	2000	2380	1865	1895	1955	1000	3400			
							S	L2	1000	2000	2180	1960	2050	2140	1000	3400			
		D	L2	1000			2000	2180	1960	2050	2140	1000	3400						
		S	L2	1100			2000	2380	1960	2050	2140	1000	3400						
		D	L2	1100			2000	2380	1960	2050	2140	1000	3400						
1000	13	1,0	45	1600 x 1400	2200	2200-2400		S/D		L2/C2		900-1100		2000-2300					
						S	L2	1000	2000	2100	1700	1760	1825	1000	3400				
						D	L2	1000	2000	2100	1700	1760	1825	1000	3400				
		S	C2			1000	2000	2100	1830	1980	2080	1000	3400						
		D	C2			1000	2000	2100	1830	1980	2080	1000	3400						
		D	C2			1000	2000	2250	1665	1695	1755	1000	3400						
	1,6	75	2200	75	2200	2200	S	L2	1100	2000	2380	1665	1695	1755	1000	3400			
							D	L2	1100	2000	2380	1665	1695	1755	1000	3400			
							S	L2	1000	2000	2250	1760	1850	1940	1000	3400			
		D	L2	1000			2000	2250	1760	1850	1940	1000	3400						
		S	L2	1000			2000	2100	1700	1770	1825	1350	3615						
		D	L2	1000			2000	2100	1700	1770	1825	1350	3615						

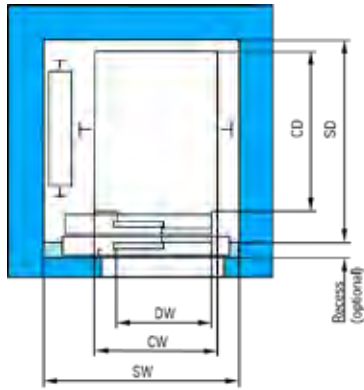
Key:
 S: Single entrance
 D: Double entrance
 L2: Side-opening door with 2 panels
 C2: Central-opening door with 2 panels

Note:
 Optional reduced SP = 425/550 mm and reduced SH from CH + 450 mm, for self supporting cabin at 1 m/s.
 Consult values for L2 full front doors, C4 doors and speeds >1 m/s.
 Shaft dimensions considering a general shaft tolerance of +/- 25 mm on each side.

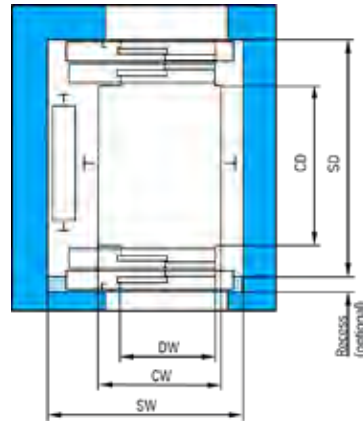
The values shown correspond to a generic installation. During the planning phase, consider all applicable regulations stipulated by relevant notified body and all applicable national regulations. For specific project requirements, consult our thyssenkrupp Elevator sales representative.

Shaft layouts.

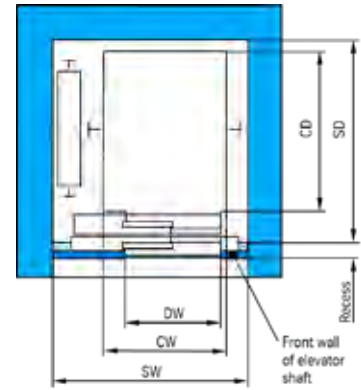
Shaft layout with side opening door L2



Single entrance

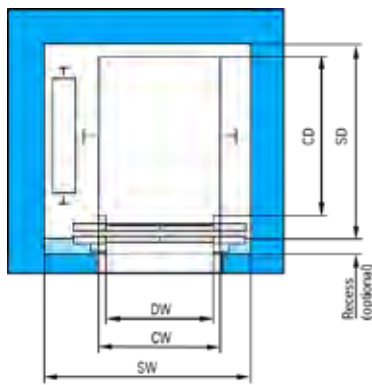


Double entrance

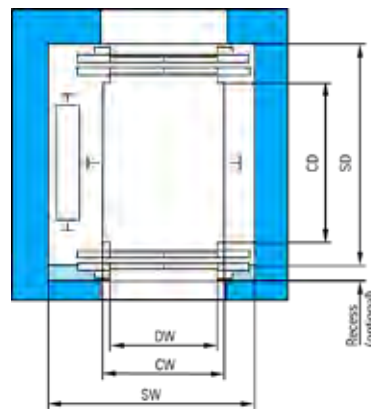


Single entrance, full-front door

Shaft layout with central opening door C2

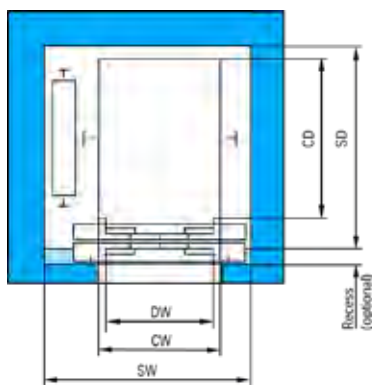


Single entrance

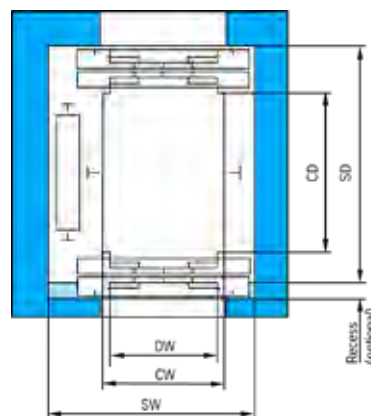


Double entrance

Shaft layout with central opening door C4



Single entrance



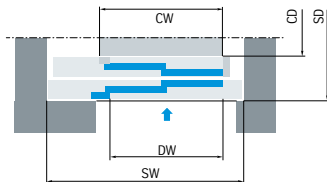
Double entrance

Note:
 L2: Side opening door with 2 panels
 C2: Central opening door with 2 panels
 C4: Central opening door with 4 panels

Installation options for the landing doors.

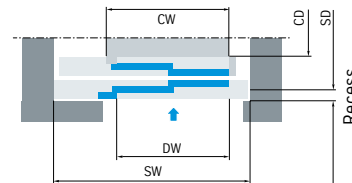
Installation in shaft / partially in shaft

The landing doors are fastened to the shaft wall by means of brackets and drill fixings.



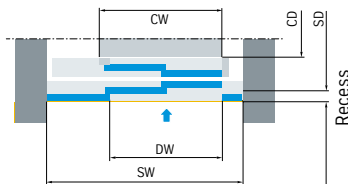
Installation on recess

In the interest of the economical utilization of space, the landing door can be installed in a recess (optional with full front for lateral opening doors).



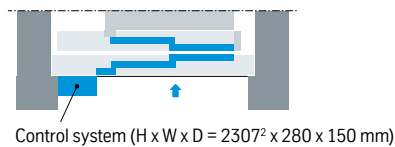
Installation with full front

Optionally, the landing door L2 can be mounted in the landing (recess) with a front wall of the elevator shaft.



Control system

The control system with the frequency inverter is located beside the frame of the landing door in the top landing and/or optionally in another freely defined place⁽¹⁾.



Door installation data

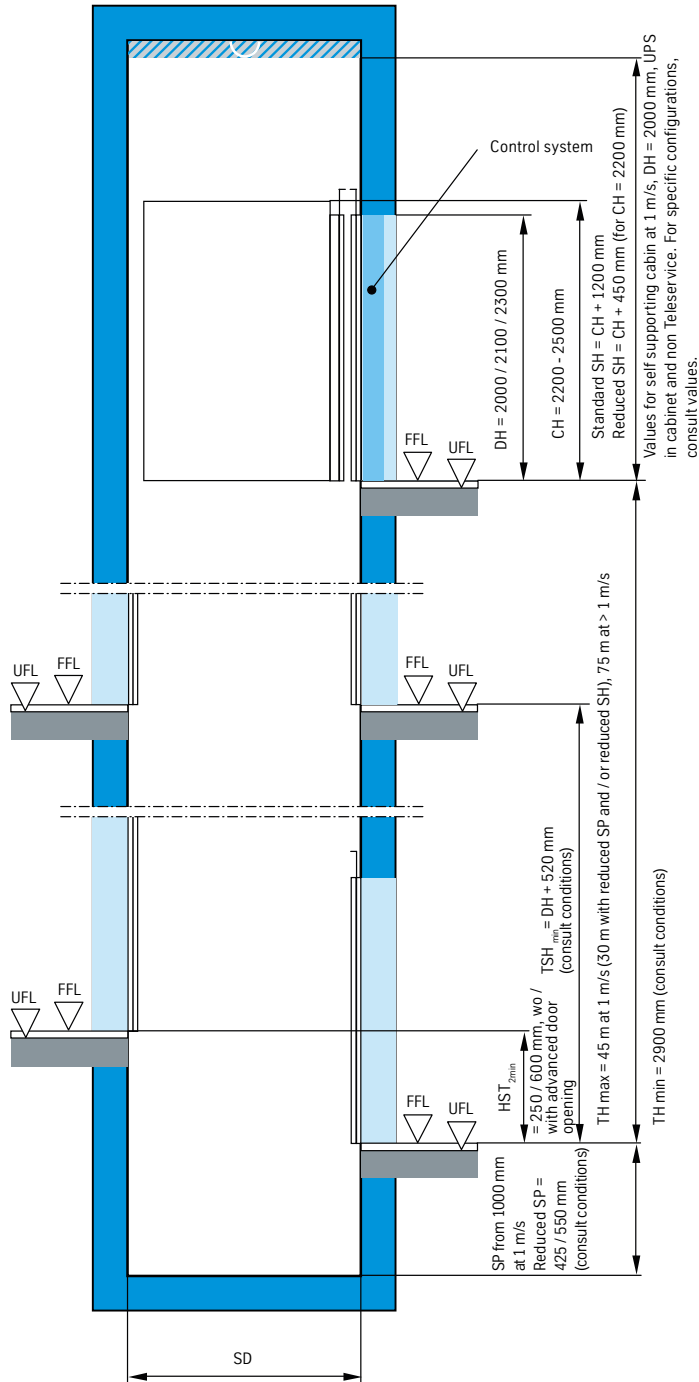
Door type		Recess values in landing	Recess values on recess	Recess values partially in shaft	Recess values in shaft
L2	mm	50 (+/- 25)	50 (+/- 25)	125 (+/- 20)	175 (+/-25)
L2 full front	mm	50 (+/- 25)	-	-	-
C2	mm	50 (+/- 25)	50 (+/- 25)	95 (+/- 20)	139 (+/-25)

⁽¹⁾To ensure fire protection, the arrangement of the control box must comply with the local building codes, as well as the Model Conduit Systems Directive and the Model Highrise Building Directive.

⁽²⁾In case that control cabinet is positioned next to the shaft door, the height of the control cabinet is related to the door height DH + 305 mm. If the control cabinet is installed with offset position, the height is always 2307 mm. Standard finish for control cabinet is primed coating RAL 7032 for further painting at jobsite (Consult conditions).

Shaft vertical section.

Standard shaft head and shaft pit



Key:

CW: Car width
 CD: Car depth
 CH: Car height
 SW: Shaft width
 SD: Shaft depth
 SP: Shaft pit

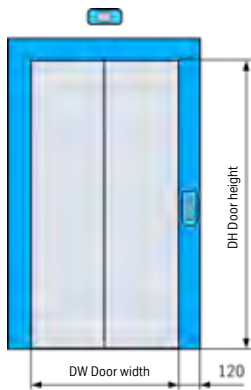
DW: Door width
 DH: Door height
 FFL: Finished floor level
 UFL: Unfinished floor level
 TH: Travel height
 HST: Min. height between floors

Doors range.

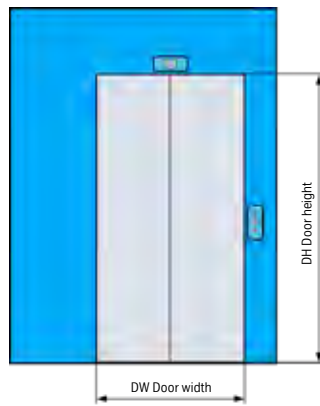
Door types and dimensions																
Door type	LD20 / CD20				LD20 / CD30					LD30 / CD30				LD20 / CD20 slim		
	L2		C2	C4	L2			C2		L2		C2		C4	L3	
	Frame	Full-front	Frame	Frame	Frame	Full-front	Glass with frame	Frame	Glass with frame	Frame	Glass with frame	Frame	Glass with frame	Frame	Frame	
Opening	side	side	center	center	side	side	side	center	center	side	side	center	side	center	side	
N# Panels	2	2	2	4	2	2	2	2	2	2	2	2	2	4	3	
Door width mm	900	•	•	•	c.e.	•	•	•	•	•	•	•	•	•	c.e.	c.e.
	1000	•	-	•	c.e.	•	-	•	•	•	•	•	•	•	c.e.	c.e.
	1100	•	-	•	c.e.	•	-	-	•	-	•	•	•	•	c.e.	-
Door height mm	2000	•	•	•	c.e.	•	•	•	•	•	•	•	•	•	c.e.	c.e.
	2100	•	•	•	c.e.	•	•	•	•	•	•	•	•	•	c.e.	c.e.
	2300	•	-	•	c.e.	•	-	-	•	-	•	•	•	•	c.e.	-

- As standard
- Not available
- c.e. Contract engineering

Door versions



Door with frame
In shaft or recess installation



Door with full-front
In recess installation



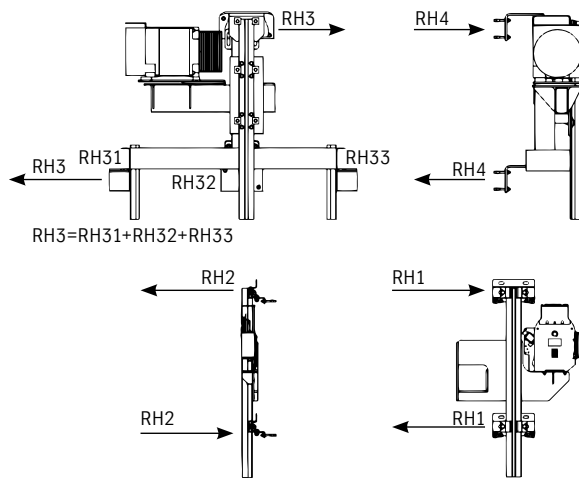
Glass door with frame
In shaft or recess installation

Ocurring forces.

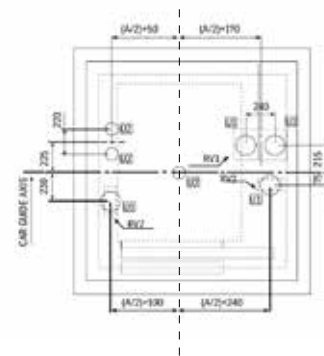
Specified loads in the shaft pit / overhead

Loads and reactions		Machine room-less				Machine room				
		≤630 kg		>630 kg		≤630 kg		>630 kg		
Cabin type		Self supporting	With sling	Self supporting	With sling	Self supporting	With sling	Self supporting	With sling	
Load points/ elevator car guide rails	R1	kN	30,80	68,28	46,11	96,14	30,80	68,28	46,11	96,14
	R2	kN	49,25	55,92	72,59	76,52	49,25	55,92	72,59	76,52
	R3	kN	48,27	78,40	68,95	102,97	25,16	33,76	34,09	42,06
	R4	kN	19,58	23,63	26,69	34,30	19,58	26,63	26,69	33,12
Load points / machine base frame & rope fixing points	RH1	kN	4,96	7,23	7,30	9,90	-	-	-	-
	RH2	kN	0,48	0,70	0,71	0,96	-	-	-	-
	RH3	kN	8,07	11,78	10,59	14,35	-	-	-	-
	RH4	kN	8,25	10,45	12,95	16,09	-	-	-	-
	RV1	kN	-	-	-	-	34,50	50,30	50,80	68,90
	RV2	kN	-	-	-	-	17,20	25,20	25,40	34,40

Reactions in shaft head

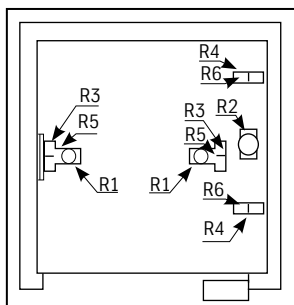


Machine room-less configuration

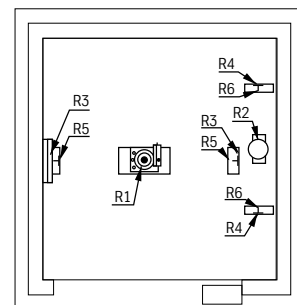


Machine room-less configuration

Reactions in pit



Self-supporting cabin



Car with sling

Electrical data.

Technical and electrical data (1 m/s)					
Rated load		630 kg		825 kg / 1000 kg	
Machine type		Synchronous gearless machine			
		PMC125M	PMC 145M	PMC125L	PMC145L
Weight of the drive	kg	132	172	193	216
Max. number of travels per hour	s/h	120	180	180	180
Controller		CMC 4+ with frequency inverter			
Rated output of motor	kW	3,80	3,91	5,90	6,01
Nominal operating current	A	Consult specific values on the GADs of the project			
System starting current	A	Consult specific values on the GADs of the project			
Landing accuracy	mm	+/- 3			
Rope suspension	mm	2:1			
Diameter of traction pulley	mm	240			
Suspension ropes diameter	mm	6	6	6	6
N° max. wires		6	7	10	10

Technical and electrical data (1.6, 1.75 m/s)					
Rated load		630 kg		825 kg / 1000 kg	
Machine type		Synchronous gearless machine			
		PMC 145XM		PMC 145XL	
Speed	m/s	1,6	1,75	1,6	1,75
Weight of the drive	kg	189	189	227	227
Max. number of travels per hour	s/h	180	180	180	180
Controller		CMC4+ 20/50 frequency inverter			
Rated output of motor	kW	6,0	6,9	9,4	10,2
Nominal operating current	A	Consult specific values on the GADs of the project			
System starting current	A	Consult specific values on the GADs of the project			
Landing accuracy	mm	+/- 3			
Rope suspension	mm	2:1			
Diameter of traction pulley	mm	240			
Suspension ropes	mm	6	6	6	6
N° max. wires		8	8	11	11

The machine type assigned to each elevator project depends on the cabin size, the cabin weight and the pit dimension. During the planning phase, please consider all applicable regulations stipulated by the relevant notified body and all applicable national regulations. Our sales team would be glad to provide information or explanation on these issues.

Design.

B design line.

Air

B01



B02



B03



B04



B05



B06



B07



B design line.

Clean

B10



B11



Live

B20



B21



B12



B13



B22



B23



B14



B15



B24



B25



B design line.

Noble

B30



B31



B32



B33



B34



B35



Style

B40



B41



B42



B43



B44



B45



B design line

	Air							Clean							Live						
	B01	B02	B03	B04	B05	B06	B07	B10	B11	B12	B13	B14	B15	B20	B21	B22	B23	B24	B25		
Pre-designed cabins																					
Without mirror	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Full-width and mid-height	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Full-width and full-height	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Silver tempered mirror	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Smoked* tempered mirror	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Car Operating Panel																					
Edge	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Alto	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Edge, Vandal-resistant	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
XL Horizontal COP, Stainless steel Gr.220D (ferritic, type 441)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Double COP	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Decorative elements in COP (Edge)																					
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Steel Satin Black	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Push-button finish in COP																					
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Steel Satin Black	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Handrail																					
Without handrail	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
On one wall (COP/opposite to COP/rear)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
On two walls (side walls)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
On three cabin walls (SE)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Straight handrail fitting	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Satin Silver finish, round tube	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Satin Black finish, round tube	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Handrail support (full-width and mid-height mirror)																					
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Satin Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bumpers																					
PVC, Snow White	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
PVC, Brushed Metal	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Wood, Oak tone	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Wood, Sapelli tone	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
St. Steel Gr.220D	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Car door and cabin portal																					
St. Steel Gr.220D	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Steel Linen	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Others	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Landing door																					
Primed painted RAL 7032	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
St. Steel Gr.220D	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
St. Steel Satin Champagne	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
St. Steel Linen	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		
Others	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o		

- As standard
- Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /- Standard finish in COP wall and opposite COP wall
- /● Standard finish in rear cabin wall
- /- Standard finish in opposite to COP wall

- /● Standard finish in opposite to COP and rear wall
- /● Standard finish in rear and COP wall
- /- Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

B design line

Predefined cabins	Air							Clean							Live				
	B01	B02	B03	B04	B05	B06	B07	B10	B11	B12	B13	B14	B15	B20	B21	B22	B23	B24	B25
Flooring material																			
Vinyl Concrete Light Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Concrete Dark Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Eminent Beige	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Eminent Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Concrete Chalk	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Esquissé Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Fresh Blue	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Vinyl Fresh Green	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Compact sintered, Artic White	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Compact sintered, Nero Assoluto	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Compact sintered, Calacatta	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Prepared for local flooring supply, 25 mm recess	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Floor and ceiling skirting																			
Anodized aluminium Satin Silver	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Anodized aluminium Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall elements double entrance 180°																			
Laminate shiny, Crystal White	•/•	•/-	•/-	•/-	•/-	•/-	•/-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Maui	-	-/•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Kashmir	-	-	-/•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Lemon	-	-	-	-/•	-	-	-	-	-	-	-	-	-	•/•	-	-	-/•	-	-
Laminate shiny, Levante	-	-	-	-	-/•	-	-	-	-	-	-	-	-	-	•/•	-	-	-/•	-
Laminate shiny, Juicy Pink	-	-	-	-	-	-/•	-	-	-	-	-	-	-	-	-	•/•	-	-	-/•
Laminate shiny, Dark Chocolate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Pearl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Folkestone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Diamond Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Frosted Gold	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate matt, Crystal White	-	-	-	-	-	-	-	•/-	•/-	•/-	•/•	-	-	-	-	-	-	-	-
Laminate matt, Spectrum Green	-	-	-	-	-	-	-	-/•	-	-	-	-	-	-	-	-	-	-	-
Laminate matt, Just Blue	-	-	-	-	-	-	-	-	-/•	-	-	-	-	-	-	-	-	-	-
Laminate matt, Juicy Pink	-	-	-	-	-	-	-	-	-	-/•	-	-	-	-	-	-	-	-	-
Laminate matt, Folkestone	-	-	-	-	-	-	-	-	-	-	-	•/•	-	-	-	-	-	-	-
Laminate matt pattern, Maxi Mode White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate pattern, Korten	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate pattern, Concrete	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate wooden, Limed Strand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate wooden, Burnt Strand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate wooden, Ebony	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Steel Gr.220D	-	-	-	-	-	-	-/•	-	-	-	-	-	-	•/•	-	-	-	•/-	•/-

- As standard
 - o Optional
 - Not available
- Single entrance**
- /• Standard finish in all cabin panels
 - /- Standard finish in COP wall and opposite COP wall
 - /• Standard finish in rear cabin wall
 - /- Standard finish in opposite to COP wall
- Double entrance**
- /• Standard finish in side cabin walls
 - /- Standard finish in opposite to COP cabin wall
 - /• Standard finish in COP wall
- /• Standard finish in opposite to COP and rear wall
- /• Standard finish in rear and COP wall
- /- Standard finish in COP wall

B design line

	Noble						Style						Custom	
	B30	B31	B32	B33	B34	B35	B40	B41	B42	B43	B44	B45	B90	B93
Predesigned cabins														
<u>False ceiling with LED lighting</u>														
Grille	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Rocket	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Lightbox	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Water Lily	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Tiffany	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Agrabah	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Runaway	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Steel Grille, Vandal-resistant	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Steel Lightbox, Vandal-resistant	o	o	o	o	o	o	o	o	o	o	o	o	o	o
<u>False ceiling color</u>														
RAL 9016, White	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<u>False ceiling frame</u>														
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	-	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	●	o	-
<u>Wall elements single entrance</u>														
Laminate shiny, Crystal White	-/●/-	-/●/-	-/●/-	-/●/-	-/●/-	-/●/-	-	●/●/-	●/●/-	-	-	-	-	o/o/o
Laminate shiny, Maui	●/-/●	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Kashmir	-	●/-/●	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Lemon	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Levante	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Juicy Pink	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Dark Chocolate	-	-	●/-/●	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Pearl	-	-	-	-	-	-	●/●/-	-	-	-	-	-	-	o/o/o
Laminate shiny, Folkestone	-	-	-	-	-	-	-	-	●/●/-	-	-	-	-	o/o/o
Laminate shiny, Diamond Black	-	-	-	-	-	-	-	-	-	●/●/-	●/●/-	-	-	o/o/o
Laminate shiny, Frosted Gold	-	-	-	-	-	-	-	-	-	-	-	-/●	-	o/o/o
Laminate matt, Crystal White	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate matt, Spectrum Green	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate matt, Just Blue	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate matt, Juicy Pink	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate matt, Folkestone	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o/o
Laminate matt pattern, Maxi Mode White	-	-	-	●/-/●	-	-	-	-	-	-	-	-	-	o/o/o
Laminate pattern, Kortén	-	-	-	-	-	-	-/●	-	-	-	-	-	-	o/o/o
Laminate pattern, Concrete	-	-	-	-	-	-	-/●	-	-	-	-	-	-	o/o/o
Laminate wooden, Limed Strand	-	-	-	-	●/-/●	-	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Burnt Strand	-	-	-	-	-	●/-/●	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	-	-/●	-	-	-	-	o/o/o
Laminate wooden, Ebony	-	-	-	-	-	-	-	-	-	-/●	-	-	-	o/o/o
St. Steel Gr.220D	-	-	-	-	-	-	-	-	-	-	-/●	-	-	o/o/o
<u>Mirror</u>														
On the rear panel, SE	●	●	●	●	●	●	●	●	●	●	●	●	-	●
Opposite control panel wall, DE	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Without mirror	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Full-width and mid-height	●	●	●	●	●	●	●	●	●	●	●	●	-	●

- As standard
- o Optional
- Not available

Single entrance

- /●/● Standard finish in all cabin panels
- /-/● Standard finish in COP wall and opposite COP wall
- /●/- Standard finish in rear cabin wall
- /-/- Standard finish in opposite to COP wall

- /●/- Standard finish in opposite to COP and rear wall
- /●/● Standard finish in rear and COP wall
- /-/● Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

B design line

	Noble						Style						Custom	
	B30	B31	B32	B33	B34	B35	B40	B41	B42	B43	B44	B45	B90	B93
Predesigned cabins														
Full-width and full-height	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Silver tempered mirror	●	●	●	●	●	●	●	●	●	●	●	●	-	●
Smoked* tempered mirror	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Car Operating Panel														
Edge	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alto	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Edge, Vandal-resistant	o	o	o	o	o	o	o	o	o	o	o	o	o	o
XL Horizontal COP, Stainless steel Gr.220D (ferritic, type 441)	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Double COP	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Decorative elements in COP (Edge)														
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	o	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	●	o	o
St. Steel Satin Black	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Push-button finish in COP														
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	o	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	●	o	o
St. Steel Satin Black	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Handrail														
Without handrail	o	o	o	o	o	o	o	o	o	o	o	o	o	o
On one wall (COP / opposite to COP / rear)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
On two walls (side walls)	o	o	o	o	o	o	o	o	o	o	o	o	o	o
On three cabin walls (SE)	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Straight handrail fitting	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Silver finish, round tube	●	●	●	●	●	●	●	●	●	●	●	o	o	o
St. Steel Satin Black finish, round tube	-	-	-	-	-	-	-	-	-	-	-	●	o	o
Handrail support (full-width and mid-height mirror)														
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	-	o	o
St. Steel Satin Black	-	-	-	-	-	-	-	-	-	-	-	●	o	o
Bumpers														
PVC, Snow White	o	o	o	o	o	o	o	o	o	o	o	o	-	o
PVC, Brushed Metal	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Wood, Oak tone	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Wood, Sapelli tone	o	o	o	o	o	o	o	o	o	o	o	o	-	o
St. Steel Gr.220D	o	o	o	o	o	o	o	o	o	o	o	o	-	o
Car door and cabin portal														
St. Steel Gr.220D	●	●	●	●	●	●	●	●	●	●	●	o	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	●	o	o
St. Steel Linen	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Others	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Landing door														
Primed painted RAL 7032	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Gr.220D	o	o	o	o	o	o	o	o	o	o	o	o	o	o
St. Steel Satin Champagne	o	o	o	o	o	o	o	o	o	o	o	o	o	o
St. Steel Linen	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Others	o	o	o	o	o	o	o	o	o	o	o	o	o	o

- As standard
- o Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /-● Standard finish in COP wall and opposite COP wall
- /●/- Standard finish in rear cabin wall
- /-/- Standard finish in opposite to COP wall

- /●/- Standard finish in opposite to COP and rear wall
- /●/● Standard finish in rear and COP wall
- /-/● Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

B design line

	Noble						Style					Custom		
	B30	B31	B32	B33	B34	B35	B40	B41	B42	B43	B44	B45	B90	B93
Predesigned cabins														
Flooring material														
Vinyl Concrete Light Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Concrete Dark Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Eminent Beige	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Eminent Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Concrete Chalk	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Esquissé Grey	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Vinyl Fresh Blue	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vinyl Fresh Green	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Compact sintered, Artic White	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Compact sintered, Nero Assoluto	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Compact sintered, Calacatta	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Prepared for local flooring supply, 25 mm recess	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Floor and ceiling skirting														
Anodized aluminium Satin Silver	●	●	●	●	●	●	●	●	●	●	●	-	-	●
Anodized aluminium Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	●	-	o
Wall elements double entrance 180°														
Laminate shiny, Crystal White	-	-	-	-	-	-	-	●/-	●/-	-	-	-	-	o/o
Laminate shiny, Maui	●/●	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate shiny, Kashmir	-	●/●	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate shiny, Lemon	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate shiny, Levante	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate shiny, Juicy Pink	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate shiny, Dark Chocolate	-	-	●/●	-	-	-	-	-	-	-	-	-	-	o/o
Laminate shiny, Pearl	-	-	-	-	-	-	●/-	-	-	-	-	-	-	o/o
Laminate shiny, Folkestone	-	-	-	-	-	-	-	-	-	●/-	-	-	-	o/o
Laminate shiny, Diamond Black	-	-	-	-	-	-	-	-	-	-	●/-	●/-	-	o/o
Laminate shiny, Frosted Gold	-	-	-	-	-	-	-	-	-	-	-	-/●	-	o/o
Laminate matt, Crystal White	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate matt, Spectrum Green	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate matt, Just Blue	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate matt, Juicy Pink	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate matt, Folkestone	-	-	-	-	-	-	-	-	-	-	-	-	-	o/o
Laminate matt pattern, Maxi Mode White	-	-	-	●/●	-	-	-	-	-	-	-	-	-	o/o
Laminate pattern, Kortén	-	-	-	-	-	-	-/●	-	-	-	-	-	-	o/o
Laminate pattern, Concrete	-	-	-	-	-	-	-	-/●	-	-	-	-	-	o/o
Laminate wooden, Limed Strand	-	-	-	-	●/●	-	-	-	-	-	-	-	-	o/o
Laminate wooden, Burnt Strand	-	-	-	-	-	●/●	-	-	-	-	-	-	-	o/o
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	-	-/●	-	-	-	-	o/o
Laminate wooden, Ebony	-	-	-	-	-	-	-	-	-	-/●	-	-	-	o/o
St. Steel Gr.220D	-	-	-	-	-	-	-	-	-	-	-/●	-	-	o/o

- As standard
- o Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /- Standard finish in COP wall and opposite COP wall
- /● Standard finish in rear cabin wall
- /- Standard finish in opposite to COP wall

- /● Standard finish in opposite to COP and rear wall
- /● Standard finish in rear and COP wall
- /- Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

Note: St. Steel Gr. 220D = brushed or hairline stainless steel (ferritic, type 441). St. Steel Satin Champagne (austenitic, type 304), St. Steel Linen (austenitic, type 304). The predesigned cabin B90 includes your selection for ceiling, flooring and COP within B design line, and optionally the handrail. B90 allows up to 30% rated load extra weight and up to 15 mm total wall finish thickness (12 mm panel + 3 mm fixation). As B90 predesigned cabin doesn't include wall cabin finish, the final wall cabin finish supplied and installed locally must grant the current regulation fulfilment. B90 is not available for > 1.0 m/s with roller guides. Custom cabin B93 is configured by c.e.

Options, colours and specifications described in this brochure are subject to change. The samples shown may vary from the original in colour and material. Patterned not to scale. All cabin visualizations are according to a 1400 x 1600 mm cabin size. For other cabin sizes, differences in dimensions of panels, mirror and ceiling might exist.

Consult your thyssenkrupp Elevator sales representative for cabin designer tool and samples.

B design line. Decoration panels.

Air



B01

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 9016
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Crystal White

B02

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 6034
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Maui

B03

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 1035
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Kashmir


B06

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 4003
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Juicy Pink

B04

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 1016
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Lemon

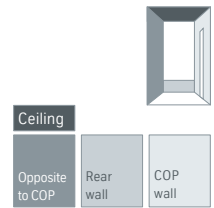
B07

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	
Laminate shiny Crystal White	Laminate shiny Crystal White	St. Steel Gr.220D

B05

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 2011
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Levante

Clean



B10

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 6024
Laminate matt Crystal White	Laminate matt Crystal White	Laminate matt Spectrum Green

B11

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	NCS: S2020-R90B
Laminate matt Crystal White	Laminate matt Crystal White	Laminate matt Just Blue

B12

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 4003
Laminate matt Crystal White	Laminate matt Crystal White	Laminate shiny Juicy Pink

B13

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 9016
Laminate matt Crystal White	Laminate matt Crystal White	Laminate matt Crystal White

B14

RAL 9016	Decorative polycarbonate White	
RAL 7047	RAL 7047	RAL 7047
Laminate matt Folkestone	Laminate matt Folkestone	Laminate matt Folkestone

B15

RAL 9016	Decorative polycarbonate White	
		

St. Steel Gr.220D

St. Steel Gr.220D

St. Steel Gr.220D

Live



B20

RAL 9016	Decorative polycarbonate White	
RAL 1016	RAL 9016	RAL 1016
Laminate shiny Lemon	Laminate shiny Crystal White	Laminate shiny Lemon

B21

RAL 9016	Decorative polycarbonate White	
RAL 2011	RAL 9016	RAL 2011
Laminate shiny Levante	Laminate shiny Crystal White	Laminate shiny Levante

B22

RAL 9016	Decorative polycarbonate White	
RAL 4003	RAL 9016	RAL 4003
Laminate shiny Juicy Pink	Laminate shiny Crystal White	Laminate shiny Juicy Pink

B23

RAL 9016	Decorative polycarbonate White	
RAL 1016	St. Steel Gr.220D	RAL 1016
Laminate shiny Lemon	St. Steel Gr.220D	Laminate shiny Lemon

B24

RAL 9016	Decorative polycarbonate White	
RAL 2011	St. Steel Gr.220D	RAL 2011
Laminate shiny Levante	St. Steel Gr.220D	Laminate shiny Levante

B25

RAL 9016	Decorative polycarbonate White	
RAL 4003	St. Steel Gr.220D	RAL 4003
Laminate shiny Juicy Pink	St. Steel Gr.220D	Laminate shiny Juicy Pink

Noble



B30

RAL 9016	Decorative polycarbonate White	
RAL 6034	RAL 9016	RAL 6034
Laminate shiny Maui	Laminate shiny Crystal White	Laminate shiny Maui

B31

RAL 9016	Decorative polycarbonate White	
RAL 1035	RAL 9016	RAL 1035
Laminate shiny Kashmir	Laminate shiny Crystal White	Laminate shiny Kashmir

B32

RAL 9016	Decorative polycarbonate White	
RAL 8017	RAL 9016	RAL 8017
Laminate shiny Dark Chocolate	Laminate shiny Crystal White	Laminate shiny Dark Chocolate

B33

RAL 9016	Decorative polycarbonate White	
	RAL 9016	
Laminate matt pattern Maxi Mode White	Laminate shiny Crystal White	Laminate matt pattern Maxi Mode White

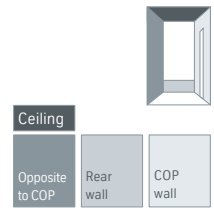
B35

RAL 9016	Decorative polycarbonate White	
	RAL 9016	
Laminate wooden Burnt Strand	Laminate shiny Crystal White	Laminate wooden Burnt Strand

B34

RAL 9016	Decorative polycarbonate White	
	RAL 9016	
Laminate wooden Limed Strand	Laminate shiny Crystal White	Laminate wooden Limed Strand

Style



B40

RAL 9016	Decorative polycarbonate White	
RAL 9001	RAL 9001	
Laminate shiny Pearl	Laminate shiny Pearl	Laminate pattern Korten

B41

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate pattern Concrete

B42

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate wooden Natural Cane

B43

RAL 9016	Decorative polycarbonate White	
RAL 7047	RAL 7047	
Laminate shiny Folkestone	Laminate shiny Folkestone	Laminate wooden Ebony

B45

RAL 9016	Decorative polycarbonate White	
RAL 9011	RAL 9011	
Laminate shiny Diamond Black	Laminate shiny Diamond Black	Laminate shiny Frosted Gold

B44

RAL 9016	Decorative polycarbonate White	
RAL 9011	RAL 9011	
Laminate shiny Diamond Black	Laminate shiny Diamond Black	St. Steel Gr.220D

Design.

A design line.

Clean

A10



A11



A12



A13



A14



A15



Live

A20



A21



A24



A25



A design line.

Noble

A30



A31



A32



A33



A34



A35



Style

A40



A41



A42



A43



A44



A45



A design line.

A design line. Clean, Live and Noble

Predesigned cabins	Clean					Live				Noble						
	A10	A11	A12	A13	A14	A15	A20	A21	A24	A25	A30	A31	A32	A33	A34	A35
False ceiling with LED lighting																
Grille	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Rocket	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Eclipse	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Island	-	-	-	-	-	-	o	o	o	o	o	o	o	o	o	o
Lightbox large	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Water Lily large	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Tiffany large	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Agrabah large	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Runaway	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Steel Grille, Vandal-resistant	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Steel Lightbox, Vandal-resistant	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
False ceiling color																
RAL 9016, White	•	•	•	•	•	•	o	o	o	o	o	o	o	o	o	o
RAL 7047, Grey	o	o	o	o	o	o	o	o	o	o	•	•	•	•	•	•
RAL 9011, Black	-	-	-	-	-	-	•	•	•	•	o	o	o	o	o	o
False ceiling frame																
St. Steel Satin Silver	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall elements single boarding																
Laminate shiny, Crystal White	•/•/-	•/•/-	•/•/-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Hunter Green	-/-/•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Marine Blue	-	-/-/•	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Amarena	-	-	-/-/•	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Pearl	-	-	-	•/•/•	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Folkestone	-	-	-	-	•/•/•	-	-	-	-	-	-	-	-	-	-	-
Laminate wooden, Limed Strand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/•/-	-
Laminate wooden, Burnt Strand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/•/-
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	-	-	-/-/•	•/-/•	-	-	-	-	-
Laminate wooden, Rattan Cane	-	-	-	-	-	-	-	-	-	-	-	•/-/•	-	-	-	-
Laminate wooden, Ebony	-	-	-	-	-	-	-	-	-	-	-	-	•/-/•	-	-	-
Laminate wooden, Espresso Pear	-	-	-	-	-	-	-	-	-	-	-	-	-	•/-/•	-	-
Laminate wooden, Classic Wenge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decorative glass RAL 9016, Crystal White	-	-	-	-	-	-	•/-/-	•/-/-	•/-/-	•/-/-	-/•/-	-/•/-	-	-	-	-
Decorative glass RAL 1016, Lemon	-	-	-	-	-	-	-/-/•	-	-	-	-	-	-	-	-	-
Decorative glass RAL 2011, Levante	-	-	-	-	-	-	-	-/-/•	-	-	-	-	-	-	-	-
Decorative glass RAL 6034, Maui	-	-	-	-	-	-	-	-	-/-/•	-	-	-	-	-	-	-
Decorative glass RAL 9011, Diamond Black	-	-	-	-	-	-	-/•/-	-/•/-	-/•/-	-/•/-	-	-	-	-	-	-
Decorative glass RAL 7047, Folkestone	-	-	-	-	-	-	-	-	-	-	-	-	-/•/-	-/•/-	-	-
Decorative glass RAL 8017, Dark Chocolate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/•/-	-
Decorative glass RAL 7015, Storm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/•/-
St. Steel Gr.220D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- As standard
- o Optional
- Not available

Single entrance

- /•/• Standard finish in all cabin panels
- /-/• Standard finish in COP wall and opposite COP wall
- /•/- Standard finish in rear cabin wall
- /-/- Standard finish in opposite to COP wall

- /•/- Standard finish in opposite to COP and rear wall
- /•/• Standard finish in rear and COP wall
- /-/• Standard finish in COP wall

Double entrance

- /• Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /• Standard finish in COP wall

A design line. Clean, Live and Noble

	Clean						Live				Noble					
	A10	A11	A12	A13	A14	A15	A20	A21	A24	A25	A30	A31	A32	A33	A34	A35
Predesigned cabins																
St. Steel Linen	-	-	-	-	-	●/●/●	-	-	-	-	-	-	-	-	●/-/●	-
St. Steel Checks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●/-/●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mirror																
On the rear panel, SE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Opposite control panel wall, DE	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Without mirror	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Full-width and mid-height	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Full-width and full-height	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Silver tempered mirror	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Smoked tempered mirror	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Car Operating Panel																
Edge high	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alto full height	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Edge high, Vandal-resistant	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
XL Horizontal COP, Stainless steel Gr.220D (ferritic, type 441)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Double COP	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Decorative elements in COP (Edge)																
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Steel Satin Black	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Push button finish on COP																
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Steel Satin Black	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Handrail																
Without handrail	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
On one wall (COP /opposite COP / rear)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
On two walls (side walls)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
On three cabin walls (SE)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Sloped handrail fitting	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Silver finish, round tube	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Black finish, round tube	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Handrail support (full-width and mid-height mirror)																
St. Steel Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Black	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bumpers																
PVC, Snow White	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
PVC, Brushed Metal	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
Wood, Oak tone	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
Wood, Sapelli tone	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-
St. Steel Gr.220D	○	○	○	○	○	○	-	-	-	-	-	-	-	-	-	-

- As standard
- Optional
- Not available

Single entrance

- /●/● Standard finish in all cabin panels
- /-/● Standard finish in COP wall and opposite COP wall
- /●/- Standard finish in rear cabin wall
- /-/- Standard finish in opposite to COP wall

- /●/- Standard finish in opposite to COP and rear wall
- /●/● Standard finish in rear and COP wall
- /-/● Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

A design line. Clean, Live and Noble

Predefined cabins	Clean					Live				Noble						
	A10	A11	A12	A13	A14	A15	A20	A21	A24	A25	A30	A31	A32	A33	A34	A35
Car door and cabin portal																
St. Steel Gr.220D	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Steel Linen	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Others	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Landing door																
Primed painted RAL 7032	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
St. Steel Gr.220D	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
St. Steel Satin Champagne	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
St. Steel Linen	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Others	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Flooring material																
Vinyl Concrete Light Grey	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vinyl Concrete Dark Grey	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vinyl Eminent Beige	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vinyl Eminent Grey	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vinyl Concrete Chalk	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vinyl Esquissé Grey	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vinyl Fresh Blue	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vinyl Fresh Green	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Compact sintered, Artic White	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Compact sintered, Nero Assoluto	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Compact sintered, Calacatta	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Prepared for local flooring supply, 25 mm recess	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Floor and ceiling skirting																
Anodized aluminum Satin Silver	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anodized aluminum Satin Champagne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall elements double boarding (180°)																
Laminate shiny, Crystal White	●/-	●/-	●/-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Hunter Green	-/●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Marine Blue	-	-/●	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Amarena	-	-	-/●	-	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Pearl	-	-	-	●/●	-	-	-	-	-	-	-	-	-	-	-	-
Laminate shiny, Folkestone	-	-	-	-	●/●	-	-	-	-	-	-	-	-	-	-	-
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	-	-	-/●	●/●	-	-	-	-	-
Laminate wooden, Rattan Cane	-	-	-	-	-	-	-	-	-	-	-	●/●	-	-	-	-
Laminate wooden, Ebony	-	-	-	-	-	-	-	-	-	-	-	-	●/●	-	-	-
Laminate wooden, Espresso Pear	-	-	-	-	-	-	-	-	-	-	-	-	-	●/●	-	-
Laminate wooden, Classic Wenge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decorative glass RAL 9016, Crystal White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Decorative glass RAL 1016, Lemon	-	-	-	-	-	-	-/●	-	-	-	-	-	-	-	-	-
Decorative glass RAL 2011, Levante	-	-	-	-	-	-	-	-/●	-	-	-	-	-	-	-	-
Decorative glass RAL 6034, Maui	-	-	-	-	-	-	-	-	-/●	-	-	-	-	-	-	-
Decorative glass RAL 9011, Diamond Black	-	-	-	-	-	-	●/-	●/-	●/-	●/-	-	-	-	-	-	-
Decorative glass RAL 8017, Dark Chocolate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●/-	-
Decorative glass RAL 7015, Storm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●/-
Decorative glass RAL 7047, Folkestone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Steel Linen	-	-	-	-	-	●/●	-	-	-	-	-	-	-	-	-/●	-
St. Steel Linen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/●

- As standard
- Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /- Standard finish in COP wall and opposite COP wall
- /● Standard finish in rear cabin wall
- /- Standard finish in opposite to COP wall

- /●- Standard finish in opposite to COP and rear wall
- /● Standard finish in rear and COP wall
- /● Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

A design line. Style and Custom

	Style						Custom	
	A40	A41	A42	A43	A44	A45	A90	A93
Predesigned cabins								
False ceiling with LED lighting								
Grille	o	o	o	o	o	o	o	o
Rocket	o	o	o	o	o	o	o	o
Eclipse	o	o	o	o	o	o	o	o
Island	o	o	o	o	o	o	o	o
Lightbox large	●	●	●	●	●	●	●	●
Water Lily large	o	o	o	o	o	o	o	o
Tiffany large	o	o	o	o	o	o	o	o
Agrabah large	o	o	o	o	o	o	o	o
Runaway	o	o	o	o	o	o	o	o
Steel Grille, Vandal-resistant	o	o	o	o	o	o	o	o
Steel Lightbox, Vandal-resistant	o	o	o	o	o	o	o	o
False ceiling color								
RAL 9016, White	o	o	o	o	o	o	●	●
RAL 7047, Grey	●	o	●	●	o	o	o	o
RAL 9011, Black	o	●	o	o	●	●	o	o
False ceiling frame								
St. Steel Satin Silver	●	●	●	●	●	-	●	●
St. Steel Satin Champagne	-	-	-	-	-	●	o	o
Wall elements single boarding								
Laminate shiny, Crystal White	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Hunter Green	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Marine Blue	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Amarena	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Pearl	-	-	-	-	-	-	-	o/o/o
Laminate shiny, Folkestone	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Limed Strand	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Burnt Strand	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Rattan Cane	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Ebony	-	-	-	●/●/-	-	-	-	o/o/o
Laminate wooden, Espresso Pear	-	-	-	-	-	-	-	o/o/o
Laminate wooden, Classic Wenge	-	-	●/●/-	-	-	-	-	o/o/o
Decorative glass RAL 9016, Crystal White	-/-/●	-/-/●	-/-/●	-	-	-	-	o/o/o
Decorative glass RAL 1016, Lemon	-	-	-	-	-	-	-	o/o/o
Decorative glass RAL 2011, Levante	-	-	-	-	-	-	-	o/o/o
Decorative glass RAL 6034, Maui	-	-	-	-	-	-	-	o/o/o
Decorative glass RAL 9011, Diamond Black	-	●/●/-	-	-	-/-/●	-/-/●	-	o/o/o
Decorative glass RAL 7047, Folkestone	-	-	-	-/-/●	-	-	-	o/o/o
Decorative glass RAL 8017, Dark Chocolate	-	-	-	-	-	-	-	o/o/o
Decorative glass RAL 7015, Storm	●/●/-	-	-	-	-	-	-	o/o/o
St. Steel Gr.220D	-	-	-	-	-	-	-	o/o/o
St. Steel Linen	-	-	-	-	●/●/-	-	-	o/o/o
St. Steel Checks	-	-	-	-	-	-	-	o/o/o
St. Steel Satin Champagne	-	-	-	-	-	●/●/-	-	o/o/o

- As standard
- o Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /-/ Standard finish in COP wall and opposite COP wall
- /●/- Standard finish in rear cabin wall
- /-/- Standard finish in opposite to COP wall

- /●/- Standard finish in opposite to COP and rear wall
- /●/ Standard finish in rear and COP wall
- /-/● Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

A design line. Style and Custom

Predefined cabins	Style						Custom	
	A40	A41	A42	A43	A44	A45	A90	A93
Mirror								
On the rear panel, SE	●	●	●	●	●	●	●	●
Opposite control panel wall, DE	○	○	○	○	○	○	○	○
Without mirror	○	○	○	○	○	○	○	○
Full-width and mid-height	●	●	●	●	●	●	●	●
Full-width and full-height	○	○	○	○	○	○	○	○
Silver tempered mirror	●	●	●	●	●	●	●	●
Smoked tempered mirror	○	○	○	○	○	○	○	○
Car Operating Panel								
Edge high	●	●	●	●	●	●	●	●
Alto full height	○	○	○	○	○	○	○	○
Edge high, Vandal-resistant	○	○	○	○	○	○	○	○
Double COP	○	○	○	○	○	○	○	○
Decorative elements in COP (Edge)								
St. Steel Satin Silver	●	●	●	●	●	○	●	●
St. Steel Satin Champagne	-	-	-	-	-	●	○	○
St. Steel Satin Black	○	○	○	○	○	○	○	○
Push button finish on COP								
St. Steel Satin Silver	●	●	●	●	●	○	●	●
St. Steel Satin Champagne	-	-	-	-	-	●	○	○
St. Steel Satin Black	○	○	○	○	○	○	○	○
Handrail								
Without handrail	○	○	○	○	○	○	○	○
On one wall (COP /opposite COP / rear)	●	●	●	●	●	●	●	●
On two walls (side walls)	○	○	○	○	○	○	○	○
On three cabin walls (SE)	○	○	○	○	○	○	○	○
Sloped handrail fitting	●	●	●	●	●	●	●	●
St. Steel Satin Silver finish, round tube	●	●	●	●	●	-	●	●
St. Steel Satin Black finish, round tube	○	○	○	○	○	●	○	○
Handrail support (full-width and mid-height mirror)								
St. Steel Satin Silver	●	●	●	●	●	-	○	○
St. Steel Satin Black	-	-	-	-	-	●	○	○
Bumpers								
PVC, Snow White	-	-	-	-	-	-	-	-
PVC, Brushed Metal	-	-	-	-	-	-	-	-
Wood, Oak tone	-	-	-	-	-	-	-	-
Wood, Sapelli tone	-	-	-	-	-	-	-	-
St. Steel Gr.220D	-	-	-	-	-	-	-	-
Car door and cabin portal								
St. Steel Gr.220D	●	●	●	●	●	-	●	●
St. Steel Satin Champagne	-	-	-	-	-	●	-	○
St. Steel Linen	○	○	○	○	○	○	○	○
Others	○	○	○	○	○	○	○	○
Landing door								
Primed painted RAL 7032	●	●	●	●	●	●	●	●
St. Steel Gr.220D	○	○	○	○	○	○	○	○
St. Steel Satin Champagne	○	○	○	○	○	○	○	○

- As standard
- Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /-/ Standard finish in COP wall and opposite COP wall
- /●/ Standard finish in rear cabin wall
- /-/ Standard finish in opposite to COP wall
- /●/- Standard finish in opposite to COP and rear wall
- /●/ Standard finish in rear and COP wall
- /-/ Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

A design line. Style and Custom

	Style						Custom	
	A40	A41	A42	A43	A44	A45	A90	A93
Predesigned cabins								
St. Steel Linen	o	o	o	o	o	o	o	o
Others	o	o	o	o	o	o	o	o
Flooring material								
Vinyl Concrete Light Grey	o	o	o	o	o	o	o	o
Vinyl Concrete Dark Grey	o	o	o	o	o	o	o	o
Vinyl Eminent Beige	o	o	o	o	o	o	o	o
Vinyl Eminent Grey	o	o	o	o	o	o	o	o
Vinyl Concrete Chalk	o	o	o	o	o	o	o	o
Vinyl Esquissé Grey	o	o	o	o	o	o	o	o
Vinyl Fresh Blue	●	●	●	●	●	●	●	●
Vinyl Fresh Green	●	●	●	●	●	●	●	●
Compact sintered, Artic White	o	o	o	o	o	o	o	o
Compact sintered, Nero Assoluto	o	o	o	o	o	o	o	o
Compact sintered, Calacatta	o	o	o	o	o	o	o	o
Prepared for local flooring supply, 25 mm recess	o	o	o	o	o	o	o	o
Floor and ceiling skirting								
Anodized aluminum Satin Silver	●	●	●	●	●	-	-	●
Anodized aluminum Satin Champagne	-	-	-	-	-	●	-	o
Wall elements double boarding (180°)								
Laminate shiny, Crystal White	-	-	-	-	-	-	-	o/o
Laminate shiny, Hunter Green	-	-	-	-	-	-	-	o/o
Laminate shiny, Marine Blue	-	-	-	-	-	-	-	o/o
Laminate shiny, Amarena	-	-	-	-	-	-	-	o/o
Laminate shiny, Pearl	-	-	-	-	-	-	-	o/o
Laminate shiny, Folkestone	-	-	-	-	-	-	-	o/o
Laminate wooden, Natural Cane	-	-	-	-	-	-	-	o/o
Laminate wooden, Rattan Cane	-	-	-	-	-	-	-	o/o
Laminate wooden, Ebony	-	-	-	●/-	-	-	-	o/o
Laminate wooden, Espresso Pear	-	-	-	-	-	-	-	o/o
Laminate wooden, Classic Wenge	-	-	●/-	-	-	-	-	o/o
Decorative glass RAL 9016, Crystal White	-/●	-/●	-/●	-	-	-	-	o/o
Decorative glass RAL 1016, Lemon	-	-	-	-	-	-	-	o/o
Decorative glass RAL 2011, Levante	-	-	-	-	-	-	-	o/o
Decorative glass RAL 6034, Maui	-	-	-	-	-	-	-	o/o
Decorative glass RAL 9011, Diamond Black	-	●/-	-	-	-/●	-/●	-	o/o
Decorative glass RAL 8017, Dark Chocolate	-	-	-	-	-	-	-	o/o
Decorative glass RAL 7015, Storm	●/-	-	-	-	-	-	-	o/o
Decorative glass RAL 7047, Folkestone	-	-	-	-/●	-	-	-	o/o
St. Steel Linen	-	-	-	-	●/-	-	-	o/o
St. Steel Satin Champagne	-	-	-	-	-	●/-	-	o/o

- As standard
- o Optional
- Not available

Single entrance

- /● Standard finish in all cabin panels
- /- Standard finish in COP wall and opposite COP wall
- /● Standard finish in rear cabin wall
- /- Standard finish in opposite to COP wall
- /- Standard finish in opposite to COP and rear wall
- /● Standard finish in rear and COP wall
- /- Standard finish in COP wall

Double entrance

- /● Standard finish in side cabin walls
- /- Standard finish in opposite to COP cabin wall
- /● Standard finish in COP wall

Note: St. Steel Gr. 220D = brushed or hairline stainless steel (ferritic, type 441). St. Steel Satin Champagne (austenitic, type 304), St. Steel Linen (austenitic, type 304). The predesigned cabin A90 includes your selection for ceiling, flooring and COP within A design line, and optionally the handrail. A90 allows up to 30% rated load extra weight and up to 15 mm total wall finish thickness (12 mm panel + 3 mm fixation). As A90 predesigned cabin doesn't include wall cabin finish, the final wall cabin finish supplied and installed locally must grant the current regulation fulfilment. A90 is not available for > 1.0 m/s with roller guides. The predesigned cabin A92 has same configuration as A93, adding the possibility of customized printing on glass walls. Custom cabins A92 and A93 are configured by c.e. Options, colours and specifications described in this brochure are subject to change. The samples shown may vary from the original in colour and material. Patterned not to scale. All cabin visualizations are according to a 1400 x 1600 mm cabin size. For other cabin sizes, differences in dimensions of panels, mirror and ceiling might exist. Consult your thyssenkrupp Elevator sales representative for cabin designer tool and samples.

A design line. Decoration panels.

Clean



A10

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 6005
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Hunter Green

A11

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 5003
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Marine Blue

A12

RAL 9016	Decorative polycarbonate White	
RAL 9016	RAL 9016	RAL 4006
Laminate shiny Crystal White	Laminate shiny Crystal White	Laminate shiny Amarena

A13

RAL 9016	Decorative polycarbonate White	
RAL 9001	RAL 9001	RAL 9001
Laminate shiny Pearl	Laminate shiny Pearl	Laminate shiny Pearl

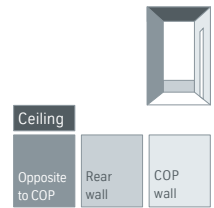
A14

RAL 9016	Decorative polycarbonate White	
RAL 7047	RAL 7047	RAL 7047
Laminate shiny Folkestone	Laminate shiny Folkestone	Laminate shiny Folkestone

A15

RAL 9016	Decorative polycarbonate White	
St. Steel Linen	St. Steel Linen	St. Steel Linen

Live



A20

RAL 9011	Decorative polycarbonate Black	
RAL 9016	RAL 9011	RAL 1016
Decorative glass Crystal White	Decorative glass Diamond Black	Decorative glass Lemon

A21

RAL 9011	Decorative polycarbonate Black	
RAL 9016	RAL 9011	RAL 2011
Decorative glass Crystal White	Decorative glass Diamond Black	Decorative glass Levante

A24

RAL 9011	Decorative polycarbonate Black	
RAL 9016	RAL 9011	RAL 6034
Decorative glass Crystal White	Decorative glass Diamond Black	Decorative glass Maui

A25

RAL 9011	Decorative polycarbonate Black	
RAL 9016	RAL 9011	Laminate wooden Natural Cane
Decorative glass Crystal White	Decorative glass Diamond Black	Laminate wooden Natural Cane

Noble



A30

RAL 7047		Decorative polycarbonate Grey
	RAL 9016	
Laminate wooden Natural Cane	Decorative glass Crystal White	Laminate wooden Natural Cane

A31

RAL 7047		Decorative polycarbonate Grey
	RAL 9016	
Laminate wooden Rattan Cane	Decorative glass Crystal White	Laminate wooden Rattan Cane

A32

RAL 7047		Decorative polycarbonate Grey
	RAL 7047	
Laminate wooden Ebony	Decorative glass Folkestone	Laminate wooden Ebony

A33

RAL 7047		Decorative polycarbonate Grey
	RAL 7047	
Laminate wooden Espresso Pear	Decorative glass Folkestone	Laminate wooden Espresso Pear

A34

RAL 7047		Decorative polycarbonate Grey
	RAL 8017	
St. Steel Linen	Decorative glass Dark Chocolate	St. Steel Linen

A35

RAL 7047		Decorative polycarbonate Grey
	RAL 7015	
St. Steel Checks	Decorative glass Storm	St. Steel Checks

Style



A40

RAL 7047	Decorative polycarbonate Grey	
RAL 7015	RAL 7015	RAL 9016
Decorative glass Storm	Decorative glass Storm	Decorative glass Crystal White

A41

RAL 9011	Decorative polycarbonate Black	
RAL 9011	RAL 9011	RAL 9016
Decorative glass Diamond Black	Decorative glass Diamond Black	Decorative glass Crystal White

A42

RAL 7047	Decorative polycarbonate Grey	
Laminate wooden Classic Wenge	Laminate wooden Classic Wenge	RAL 9016
Laminate wooden Classic Wenge	Laminate wooden Classic Wenge	Decorative glass Crystal White

A43

RAL 7047	Decorative polycarbonate Grey	
Laminate wooden Ebony	Laminate wooden Ebony	RAL 7047
Laminate wooden Ebony	Laminate wooden Ebony	Decorative glass Folkestone

A45

RAL 9011	Decorative polycarbonate Black	
St. Steel Satin Champagne	St. Steel Satin Champagne	RAL 9011
St. Steel Satin Champagne	St. Steel Satin Champagne	Decorative glass Diamond Black

A44

RAL 9011	Decorative polycarbonate Black	
St. Steel Linen	St. Steel Linen	RAL 9011
St. Steel Linen	St. Steel Linen	Decorative glass Diamond Black

Cabin materials and finish.

B and A design lines.

Car ceiling and lighting system

- False ceiling with LED lighting
 - 13 false ceiling design options with LED lighting. Seven available for B design line and nine for A design line:
 - Grille, 4 / 6 / 9 LED plates
 - Rocket, LED stripes
 - Eclipse, LED stripes
 - Island, LED stripes
 - Lightbox, LED stripes
 - Water Lily, LED stripes
 - Tiffany, LED stripes
 - Agrabah, LED stripes
 - Runaway, LED stripes
 - False ceiling total depth 55 mm
 - Decorative designs White RAL 9016 silkscreened on a 5 mm wide polycarbonate plate for A and B design line false ceilings. Additionally Grey RAL 7047 and Black RAL 9011 available for A design line
 - Standard St. Steel Gr.220D perimeter frame. Optional in St. Steel Satin Champagne or St. Steel Satin Black depending on the decor configuration
 - For $CW \leq 1600$ and $CD \leq 1400$ mm, one false ceiling module
For $CW \leq 1600$ and $CD > 1400$ mm, two false ceiling modules
For $CW > 1600$ and $CD \leq 1400$ mm, two false ceiling modules
For $CW > 1600$ and $CD > 1400$ mm, four false ceiling modules
 - Lighted false ceiling surface (width and depth) in B design line ceilings:
 - CW or $CD \leq 950$ mm, 430 mm
 - $950 < CW$ or $CD \leq 1400$, 630 mm
 - CW or $CD > 1400$, 830 mm
 - The A design line false ceiling designs have a 95 mm wide silkscreened perimeter band
 - Hinged opening for easy maintenance
 - Included 3h autonomy emergency lighting (1h when inductive loop option is selected)
 - Courtesy LED backlighting optional in A design line ceilings
 - Security chains included
 - Inductive loop optional (except for Eclipse, Island, Runaway and large false ceilings), for $CH > 2070$ mm

Runaway A BGrille A BRocket A BLightbox BWater Lily BTiffany BAgrabah B

Ceilings

1. White, for A and B design lines
2. Grey, for A design line
3. Black, for A design line

Eclipse AIsland ALightbox large AWater Lily large ATiffany large AAgrabah large A

CW: Car width
CD: Car depth
C: Consult availability

- Vandal-resistant false ceiling with LED lighting (optional for B and A design lines)
 - Optional 2 vandal-resistant false ceilings available for B and A design lines: Steel Grille and Steel Lightbox
 - Stainless steel sheet 1 mm thickness and Gr.220D finish (AISI 441)
 - One or two modules acc. to CD (cabin depth):
 - $CD \leq 1400$ mm, one false ceiling module
 - $CD > 1400$ mm, two false ceiling modules
 - False ceiling total depth 50 mm
 - Lighting by means of LED plate back lighting
 - LED plate dimension and lighting area design acc. to cabin dimension and ceiling modules
 - Included 3h autonomy emergency lighting (1h when inductive loop option is selected)
 - Hinged opening for easy maintenance and locking device by means of triangle key
 - Security chains included
 - Cabin lighting according EN 81-20/50 (≥ 100 lux at 1 m height)
 - Inductive loop optional for CH = 2150 and 2200 mm and $CD \leq 1400$ mm



Wall panels

- Click system panels of high pressure decorative laminate over a fireproof MDF substrate
 - Low flammable, fire reaction B-S2 d0, according to EN 13501-1
 - Laminate panel thickness: 7.4 mm
 - Black painted panels joint
- Click system panels in St. Steel finish on a fireproof MDF substrate.
 - Low flammable, fire reaction B-S2 d0, according to EN 13501-1
 - St. Steel panel thickness: 8.2 mm
- Click system panels of decorative tempered glass over a fireproof MDF substrate
 - Low flammable, fire reaction B-S2 d0, according to EN 13501-1
 - Laminate panel thickness: 9.4 mm

Number of decorative panels on rear wall:
3 panels, $750 \leq CW \leq 1600$ mm

Number of decorative panels on side walls:
3 panels, $CD < 2000$ mm
5 panels, $CD \geq 2000$ mm

Mirror

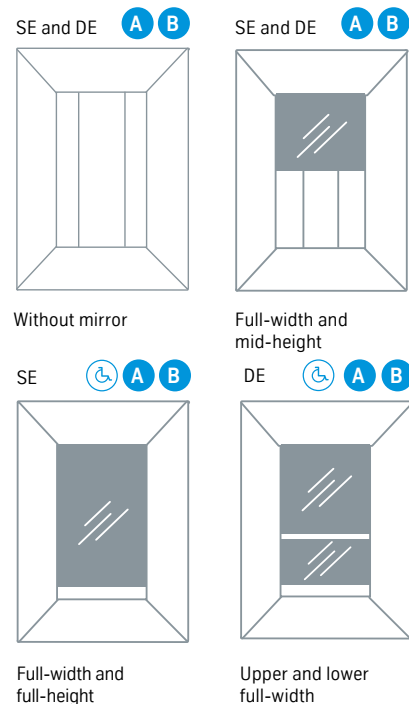
- Flush mounted mirror
- Click system panel with 4 mm tempered glass mirror on a fireproof MDF substrate
 - Low flammable, fire reaction B-S2 d0, according to EN 13501-1
 - Mirror panel thickness: 9.4 mm
- Safety glass 1(C)3, according to EN 12600
- Placed min. 300 mm from floor, according to EN 81-70
- Standard mirror panel weight 12.8 kg/m²

Mirror configuration for A and B design lines:

- Standard full-width and full-height mirror configuration on the rear wall
- Optional full-width and mid-height mirror on rear wall in SE or on the opposite to COP wall in DE
- Optional without mirror configuration
- Dimensions for SE mirror on rear wall:
 - Full-width and full-height
 - $X \times Y = (CW-6) \times (CH-380)$
 - Full-width and mid-height
 - $X \times Y = (CW-6) \times (CH-985)$
- Dimensions for DE mirror on side walls:
 - Full-width and mid-height
 - $X \times Y = (CD-2) \times (CH-985)$
 - Upper and lower full-width
 - Upper: $X \times Y = (CD-2) \times (CH-985)$ mm
 - Lower: $X \times Y = (CD-2) \times (555)$ mm

Mirror supply

- SE mirror on rear wall:
 - Full-width and mid-height. Mirror supplied in 1 piece
 - Full-width and full-height. Mirror supplied in 1 piece
- DE mirror on side walls:
 - Full-width and mid-height
 - CD ≤ 1600 mm: mirror supplied in 1 piece
 - CD > 1600 mm: mirror supplier in 3 pieces according to cabin dimensions or optionally prepared for local mirror supply in 1 piece
 - Upper and lower full-width
 - CD ≤ 1600 mm: mirror supplied in 1 piece
 - CD > 1600 mm: mirror supplier in 3 pieces according to cabin dimensions or optionally prepared for local mirror supply in 1 piece
- Features of the mirror in case of local supply:
 - Max. thickness of 4 mm
 - Tempered and impact resistance according to EN 12600 - 2003 1C3



Handrail

- Stainless steel satin round tubes Ø 38 mm with curved ending
- Silver or black steel colour finish according to decoration
- Standard on the COP opposite wall. Available on 0, 1, 2 or 3 cabin walls
- Straight fitting for B design line and sloped fitting for A design line



St. Steel Satin Silver
Straight or sloped fitting

St. Steel Satin Black
Straight or sloped fitting

Floor and ceiling skirting

- Standard finish in anodized aluminum Silver, optional in anodized aluminum Champagne according to decoration definition
- Dimension: 4 x 90 mm, width x height
- Side and rear walls



Anodized aluminum Silver

Anodized aluminum Champagne

Flooring material

- Homogeneous HD vinyl, 2 - 3 mm width, with easy clean treatment and high resistance properties
 - Reaction to fire class Cfl-s1, EN 13501
 - Slip resistance > 0.3, EN 13893 and Class 1-EN 12633
- Lightweight sintered compact material, 6 mm width
 - Weight = 15 kg/m². 100% recyclable
 - Resistant to high traffic and to scratches
 - Easy to clean, resistant to any chemical cleaning agent
 - Reaction to fire A1, EN 13501
 - Slip resistance > 0.3, EN 13893
- Optional, 25 (+/- 1) mm lowered for local flooring supply*
- Max. weight admitted < 50 kg/m²

Floor

Vinyl flooring



Concrete Light Grey

Concrete Dark Grey

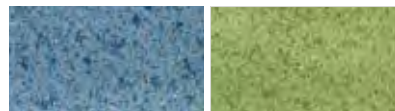
Eminent Beige



Eminent Grey

Concrete Chalk

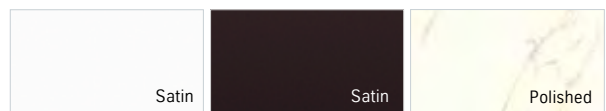
Esquisse Grey



Fresh Blue

Fresh Green

Sintered compact flooring



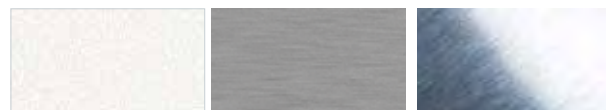
Artic White

Nero Assoluto

Calacatta

Bumpers

PVC



Snow White

Brushed Metal

Stainless steel Gr.220D

Wood



Oak

Sapelly

Bumpers

Optionally placed on all cabin walls.

Double bumper row per wall.

Available in three different versions and finish:

- PVC
 - Curved PVC profile over continuous aluminium retainer. It includes aesthetic end caps
 - Free-floating design flexes on impact
 - Through-coloured and textured surface finish, which is resistant to impact and abrasion
 - X x Y = 127/204 x 78 mm, Snow White / Brushed Metal finish
 - Reaction to fire class B-s1, d0, EN 13501
- Wood
 - Robust wooden strip fixed to cabin wall with screws
 - X x Y = 130 x 20 mm
- Steel
 - Stainless steel Gr.220D profile fixed to continuous steel retainer by hidden fixation
 - X x Y = 130 x 20 mm

*Please remind that the elevator weight calculations consider a stone floor weight of 67,5 kg/m². When an additional support on structural car floor is required (e.g. flooring with tiles), we recommend a wooden based support (instead of a metal sheet) in order to reach the overall 25 mm thickness without exceeding the overall mentioned flooring+support weight of 67,5 kg/m².

Car operating panels.

B design line.

Car Operating Panel (COP)

Two available COP designs: Alto and Edge. Both include:

- TFT 7" display with position and scroll direction indicator, white lettering on black background
- Display visible area H x W = 92 x 152; letter size 50 mm + movement direction arrow + digital clock
- Display resolution 800 x 480 px
- Overload indicator
- Adjustable sound level (35-65 dBA), according to EN 81-70:2018
- Standard feature DB push-button series
- Buttons for emergency call, door open and door close
- Round green frame in main floor push-button, according to EN 81-70
- Optional key / Eurokey switch in the COP for special functions (VIP, Preference Service, Out of Service, Firemen, Maintenance, Fan, Car calls inhibition, etc.)
- Standard configuration with CC15 emergency call system. Optional prepared for others* (e.g. MSM15, 2N Lift1, Teleservice, etc.)
- Hinged opening for easy maintenance
- Optional inductive loop acc. EN 60118-4:2015 for 2N Lift 1 and CC15 dialer systems, and voice synthesizer

Edge

- Surface mounted short vertical COP
- Top front plate on tempered safety black glass RAL 9005, 5 mm thickness with round edges
- Decorative mid element in COP front plate available in St. Steel Gr. 220D, St. Steel Satin Black and Satin Champagne, according to decoration definition
- Bottom part of the COP front plate in St. Steel Gr. 220D
- Black painted RAL 9004 steel rear case
- Dimensions (max. 18 / 24 buttons): H x W x D = 1.139 x 210 / 260 x 32 mm
- Optional Edge Vandal-resistant version:
 - Features VB-02 Vandal-resistant push-button in black stainless steel Gr.220D (ferritic, type 441) face plate and Eurokey switch
 - Standard execution with integrated emergency call system (CC15, 2N Lift1). Optionally integrated intercom
 - Impact and fire resistance acc. to EN81-71, Category 1

Alto

- Surface mounted vertical COP
- Front plate on tempered safety black glass RAL 9005, 5 mm thickness with round edges
- White screenprinted on back side for logo and alarm sequence
- Black painted RAL 9004 steel rear case
- Dimensions (max. 18 / 24 buttons): H x W x D = 1.900 x 210 / 260 x 33 mm



Edge

Edge
vandal-resistant

Alto

* Please make sure that your local country's call center is prepared to manage the selected autodialer.

Car operating panels.

A design line.

Car Operating Panel (COP)

Two available COP designs: Alto full height and Edge high. Both include:

- TFT 7" display with position and scroll direction indicator, white lettering on black background
- Display visible area H x W = 92 x 152 mm; letter size 50mm + movement direction arrow + digital clock
- Display resolution 800 x 480 px
- Overload indicator
- Adjustable sound level (35-65 dBA), according to EN 81-70:2018
- Standard feature DB push-button series
- Buttons for emergency call, door open and door close
- Round green frame in main floor push-button, according to EN 81-70
- Optional key / Eurokey switch in the control panel for special functions (VIP, Preference Service, Out of Service, Firemen, Maintenance, Fan, Car calls inhibition, etc.)
- Courtesy LED backlighting
- Standard configuration with CC15 emergency call system. Optional prepared for others* (e.g. MSM15, 2N Lift1, Teleservice, etc.)
- Hinged opening for easy maintenance
- Optional ECC-Encoded car call, restricts car call with an access code, numeric keypad in COP
- Optional inductive loop acc. to EN 60118-4:2015 for 2N Lift 1 and CC15 dialer systems, and voice synthesizer

Edge high

- Surface mounted vertical COP
- Top front plate on tempered safety black glass RAL 9005, 5 mm thickness with round edges
- Decorative mid element in COP front plate available in St. Steel Satin Black and Satin Champagne, according to decoration definition
- Bottom part of the COP front plate in St. Steel Gr. 220D
- Black painted RAL 9004 steel rear case
- Dimensions (max. 18 / 24 buttons): H x W x D = 1932 x 210 / 260 x 31 mm
- Optional Edge high Vandal-resistant version:
 - Features VB-02 Vandal-resistant push-button in black stainless steel Gr.220D (ferritic, type 441) face plate and Eurokey switch
 - Standard execution with integrated emergency call system (CC15, 2N Lift1) Optionally integrated intercom
 - Impact and fire resistance acc. to EN81-71, Category 1

Alto full height

- Surface mounted full height COP
- Front plate on tempered safety black glass RAL 9005, 5 mm thickness with round edges
- White screenprinted on back side for logo and alarm sequence
- Decorative vertical edge in St. Steel Gr. 220D. Available in St. Steel Satin Champagne and St. Steel Satin Black, according to decoration definition
- Black painted RAL 9004 steel rear case
- Dimensions (max. 18 / 24 buttons): H x W x D = Cabin height x 210 / 260 x 33 mm
- Not available for CH < 2200 mm



Edge high

Edge high
vandal-resistant

Alto full height

Car operating panels.

Double COP (optional)

Main vertical COP - Secondary vertical COP

- Optional for 1000 kg load cabin (1100 x 2100 mm) with DE
- Edge, Edge vandal-resistant, Alto, Edge high, Edge high vandal-resistant, Alto full height COP's are available
- COPs placement according to door type:
 - L2 doors: 2 COPs on same side wall
 - C2 doors: 1 COP on each side wall (diagonally opposite), no option for mirror
- Second COP will replicate same design features and options as first COP
- Following components / options will be included just in one of the COPs: Encoded Car Calls (key), Intercom, Emergency dialer, Voice synthesizer
- Dual push-buttons not available
- Handrail on both sides is required

Main vertical COP - Secondary horizontal COP

- Option available for deep cabins with CD \geq 1300 mm
- With single or double entrance
- Handrails on the three walls are required
- Both main and secondary COPs will be placed centered on side walls, one opposite the other
- Secondary XL Horizontal COP has to be combined with White Moon, Silver Moon or Steel Moon, as main COPs.
- Regulations compliance:
 - EN 81-20/50: 2014
 - EN 81-70: 2018, Annex B

Push-buttons

DB push-button series (standard)

- Standard Dot Button (DB) design line
- Compact round push-button, \varnothing 44 mm touch area
- 15 mm white tactile characters / symbols and Braille lettering
- Standard silver St. Steel Gr. 220D button face plate with white polycarbonate mold. Optional push-button face plate in St. Steel Satin Champagne and St. Steel Satin Black, according to predesigned cabin selection
- Round white confirmation call LED light
- Text font: tk Type Regular
- Buttons family range includes key switches, alarm, open/close doors, fan, etc
- DB-02 series complies with EN 81-70:2018

VB Vandal-resistant push-button series (standard with vandal-resistant COPs)

- Compact round push-button, \varnothing 39 mm
- 15 mm tactile white characters / symbols
- Black stainless steel Gr.220D (ferritic, type 441) front plate with white metal ring
- Round white confirmation call LED light
- Buttons range includes alarm, open / close doors, fan, etc.
- VB-02 series complies with EN81-70:2018
- Impact and fire resistance acc. to EN81-71:2018, Category 1
- IPX3 push-buttons

XL Horizontal COP (optional)

- Secondary COP
- Surface mounted horizontal car operating panel
- To be placed mid-wall on wall opposite main COP
- Front case in brushed stainless steel Gr.220D (ferritic, type 441), 1.5 mm thickness
- Max. number of floor push-buttons is 8
- Standard and max. number of auxiliary buttons is 2, emergency call button and open doors button, in predefined arrangement. No other auxiliary elements allowed.
- XL push-button series
- Round green frame on main floor push-button
- No display
- Emergency call system, intercom, voice synthesizer and inductive loop available in the main COP
- No vandal-resistant scope
- Fulfilling accessibility requirements described in Annex B of EN 70: 2018



XL, push-button
Coated steel Matt white

XL push-button series (optional)

- Standard XL push-button series for XL Horizontal COP
- Compact, square, large-sized push-button with rounded corners
- Slightly convex surface, 50 x 50 mm touch area
- Black tactile characters / symbols and Braille lettering providing good contrast with faceplate
- 30 mm symbol size and 1.5 mm relief height
- Faceplate in matt white painted steel with high-contrast with the frame in matt black polycarbonate
- White LED light rim for call confirmation
- Buttons family range includes alarm and open doors
- Ergonomic design and simple installation

DB push-buttons serie



St. Steel Satin Silver face plate



St. Steel Satin Black face plate



St. Steel Satin Champagne face plate

VB push-buttons series



St. Steel Satin Black face plate

Car operating panels.

B and A design lines.

Configurations examples

B design line



Edge

- 210 / 260 mm
- TFT 7"
- DB push-buttons:
St. Steel Gr.220D /
St. Steel Satin
Champagne
- Decorative element:
St. Steel Satin Black /
St. Steel Satin
Champagne

Alto

- 210 mm / 260 mm width
- TFT 7"
- DB push-buttons:
St. Steel Gr.220D /
St. Steel Satin Black

A design line



Edge high

- 210 mm / 260 mm width
- TFT 7"
- DB push-buttons:
St. Steel Satin Black /
St. Steel Satin Champagne
- Decorative element:
St. Steel Satin Champagne
/ St. Steel Satin Black

Alto full height

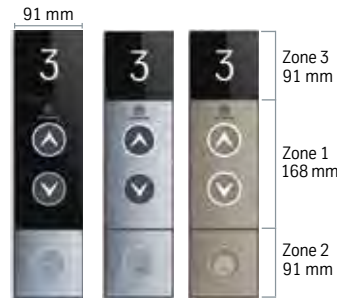
- 210 mm / 260 mm width
- TFT 7"
- DB push-buttons:
St. Steel Satin Black /
St. Steel Satin Champagne
- Decorative element:
St. Steel Gr.220D /
St. Steel Satin Champagne

Landing fixtures.

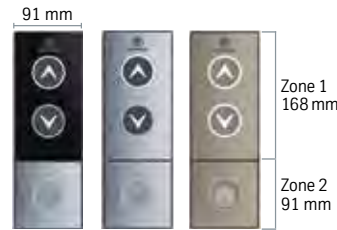
B and A design lines.

Landing Operating Panel (LOP)

- Surface mounted landing operating panel
- Installation on the door frame or wall mounted
- Standard black RAL 9005 aluminium rear case
- Standard DB push-buttons: design line, with white confirmation call LED light
- Adjustable sound level (35-65 dBA), according to EN 81-70:2018
- Configurable concept allows for a customized design:
 - Zone 1: Push-buttons / key switches zone
Standard front plate in black safety glass 5 mm, RAL 9005
Optional front plate finish in St. Steel Gr. 220D and St. Steel Satin Champagne
Standard push-button front plate finish in Satin Silver St. Steel Optional in Satin Black and Satin Champagne St. Steel
Available in two configurations, one / two push-buttons
Optional key-operated push-buttons with and without return (consult configuration options)
 - Zone 2: Functions key switch zone (optional)
Key switch for special functions (Access Control, VIP, Out of Service, etc.)
Standard front plate in St. Steel Gr. 220D. Optional in Satin Champagne St. Steel
 - Zone 3: Display zone (optional)
TFT 3.5" display module with floor information and / or function messages
Text font: tk Type Regular
- Optional Firement operating panel, with switch or according to EN 81-73
- Optional Vandal-resistant landing operating panels LOP 51 and LOP 52 with stainless steel front plate, VB Vandal-resistant button series and Eurokey switch (protruding part 17 mm)



LOP 50
TFT 3.5" display
LOP face plate: black glass, St. Steel silver or champagne
2 push-buttons: black, silver or champagne steel plate
1 key switch: St. Steel silver or champagne
Dimensions: 91 x 350 x 21 mm



LOP 52
LOP main face plate: black glass, St. Steel silver or champagne
2 Push-buttons: silver, black or champagne steel plate
1 Key switch: St. Steel silver or champagne
Dimensions: 91 x 261 x 21 mm



LOP 53
TFT 3.5" display
LOP face plate: black glass, St. Steel silver or champagne
2 Push-buttons: silver, black or champagne steel plate
Dimensions: 91 x 261 x 21 mm



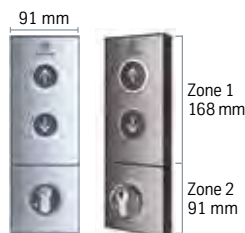
LOP 51
LOP face plate: St. Steel silver or champagne
2 Push-buttons: silver, black or champagne steel plate
Dimensions: 91 x 171 x 21 mm



LOP 51
LOP face plate: black glass
2 Push-buttons: silver, black or champagne steel plate
Dimensions: 91 x 171 x 21 mm



LOP 51
LOP face plate: black glass, St. Steel silver or champagne
1 Push-button: silver, black or champagne steel plate
Dimensions: 91 x 171 x 21 mm



LOP 52
Vandal-resistant
1/2 VB Push-buttons and Eurokey switch
Stainless steel LOP plate



LOP 51
Vandal-resistant
1/2 VB Push-buttons
Stainless steel LOP plate



LOP 51
LOP face plate: St. Steel silver or champagne
1 or 2 key switches
Dimensions: 91 x 171 x 21 mm



- ① **Firemen LOP**
Manual recall, EN 81-73
Stainless steel LOP plate
- ② **Firemen LOP**
With switch
Stainless steel LOP plate



Landing Direction Indicator (LID)

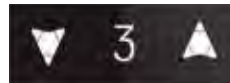
- Surface mounted landing direction indicator
- Installation on the door jamb or on the wall. To be placed at 1.80 m to fulfill EN 81-70
- Optional LID 51 with gong and adjustable sound level (35-65 dBA), according to EN81-70:2018
- LED module display with arrow indicator (40 mm height)
- White arrow centered on a black background display
- Front plate in black safety glass 5 mm, RAL 9005
- Standard black RAL 9005 aluminium rear case



LID 50/51
91 x 101 x 21 mm

Landing Position Indicator (LIP)

- Surface mounted landing position and car direction indicator
- Horizontal installation on the door lintel or on the wall
- Consists of two arrow LED modules with a floor display in between
- TFT 3.5" display with floor information and arrow LED modules with direction indication
- Adjustable sound level (35-65 dBA), according to EN 81-70:2018
- White lettering (35 mm) and arrows (40 mm) on a black background
- Text font: tk Type Regular
- Front plate in black safety glass 5 mm, RAL 9005
- Standard black RAL 9005 aluminium rear case
- Letter compliant to EN 81-70



LIP 50
261 x 91 x 21 mm

Options.

Technical data

synergy 300

System

Machine room-less / Machine room	• / ○
Load 630 / 825 / 1000 kg	•
Single entrance / Double entrance (180°)	• / ○
Speed 1,0 / 1,6 / 1,75 m/s	• / ○ / ○
Travel height max. 45 / 75 m	• / ○
Number of stops max. 16 / 20	• / ○
Single lift / 2 group / 3 group / 4 group	• / ○ / ○ / ○
Overhead min. (1,0 m/s), CH + 1200 mm	•
Reduced overhead (1,0 m/s), CH + 490 / 430 mm (for CH = 2070 / 2200 mm and DH = 2000 mm)	○
Pit min. 1000 mm (1 m/s)	•
Reduced pit (1,0 m/s), 425 / 550 mm	○
Pit min. (1,6 - 1,75 m/s) 1350-1460	○

Cabin

Self-supporting cabin 1 m/s	•
Cabin with sling 1 m/s	○
Cabin with sling 1,6 and 1,75 m/s	•
Guide shoes for cabin / counterweight	• / •
Roller guides for cabin / counterweight (at ≤1,6 m/s)	○ / ○
Fixed cabin dimensions	•
Flexible cabin dimensions (10 mm)	○
Car width range 1100 - 1600 mm	○
Car depth range 1300 - 2100 mm	○
Car height 2200 / 2300 / 2400 / 2500 mm	• / ○ / ○ / ○

• As standard
○ Optional

* Consult availability

Restrictions for max. load according to pit and overhead options

Standard and/or reduced pit and overhead

All pit (standard / reduced / extra reduced) and overhead (standard / reduced) options are available in most usual configurations for synergy 300 as described below:

- Standard cabin dimensions with CH = 2200 mm
- Single entrance
- Full design options within B design line (melamines, laminates and Stainless Steel finish) except for B90 custom cabin (naked)
- L2 Door types CD20, CD30 in Stainless Steel finish according to door dimensions available for standard cabin dimensions
- Safety gear without counterweight

For any different synergy 300 configuration, when reduced pit and/or reduced overhead is required, please be aware that feasibility check through sales configurator is required.

Standard pit and overhead

- Fixed car dimensions and CH ≥ 2200 mm: there's no car weight restriction
- Flexible car dimensions: there are car weight restrictions for 630/825/1000 kg load when CH < 1320/1400/1400 mm accordingly

For any different synergy 300 configuration, when reduced standard pit and overhead is required, please be aware that feasibility check through sales configurator is required.

Performance programme and options.

Technical data landing and car door		
Design line	B	A
Landing door		
Door types		
Two-panel door LD20 / LD30, side opening	● / ○	● / ○
Two-panel door LD20 / LD30, central opening	○ / ○	○ / ○
Two panel side opening door with full front	○	○
Door width DW = 900 - 1100 mm (100 mm steps / 50 mm steps)	● / C.e.	● / ○
Door height DH = 2000 / 2100 / 2300 mm	● / ○ / ○	● / ○ / ○
Installation in shaft	●	●
Installation in recess	○	○
Fire resistance* classes: E-120	●	●
Fire resistance* classes: EI-60, EI-120 or E-60 Russia	○	○
Without fire rating (only for glass doors)	○	○
Finish for doors panels and door frame and / or front wall		
Primed coating RAL 7032, for painting at jobsite	●	●
Ferritic stainless steel Gr. 220D (AISI 441)	○	○
Stainless steel Satin Champagne	○	○
Stainless steel Linen	○	○
Glass door with ferritic stainless steel Gr. 220D (AISI 441) frame	○	○
Aluminium door sill	●	●
Reinforced aluminum door sill	○	○
Stainless steel door sill	○	○
Aluminium profile between the door architraves	○	○
Cabin door		
Door types		
Two-panel door CD20 / CD30, side opening	● / ○	● / ○
Two-panel door CD20 / CD30, central opening	○ / ○	○ / ○
Door width DW = 900 - 1100 mm (depending on door type) (100 mm steps / 50 mm steps)	● / C.e.	● / C.e.
Door height DH = 2000 / 2100 / 2300 mm	● / ○ / ○	● / ○ / ○
Finish for the doors panels and cabin portal		
Ferritic stainless steel Gr. 220D (AISI 441)	●	●
Stainless steel Satin Champagne	○	○
Stainless Steel Linen	○	○
Glass door with ferritic stainless steel Gr. 220D (AISI 441) frame	○	○
Aluminium door sill	●	●
Reinforced aluminum door sill	○	○
Stainless steel door sill	○	○
Door protection		
Light curtain (mandatory EN 81-20/50)	●	●
Mechanical car door lock (mandatory EN 81-20/50)	●	●
Landing and cabin door combination		
LD20-CD20	●	●
LD20-CD30	○	○
LD30-CD30	○	○
Correct operation of door circuits up to 2.000 m height above sea level		

- As standard
- Optional
- Not available
- c.e. Contract engineering

*When control cabinet is placed next to landing door, please ensure that it's assembled on wall or on full-front door to grant the door fire resistance class.
Please consult our thyssenkrupp Elevator sales representative regarding available options.

Car operating panel

Design line	B			A		
	Alto	Edge	Edge Vandal-resistant	Alto full height	Edge high	Edge high Vandal-resistant
Operating / indicator elements in COP						
Car operating panel type						
High vertical black glass	●	-	-	-	-	-
Short vertical St. Steel Gr. 220D with top glass part for display	-	●	-	-	-	-
Full vertical black glass with decorative edge	-	-	-	●	-	-
High vertical St. Steel Gr. 220D with top glass part for display	-	-	-	-	●	-
Vandal-resistant, short vertical St. Steel Gr.200D with top part for display	-	-	●	-	-	●
Vandal-resistant, high vertical St. Steel Gr.200D with top part for display	-	-	-	-	-	-
XL Horizontal COP: horizontal, stainless steel Gr.220D (ferritic, type 441) front plate	○	○	○	○	○	○
Decorative element in COP (according to decoration)						
St. Steel Gr. 220D	-	●	●	●	●	●
St. Steel Satin Champagne	-	○	-	○	○	-
St. Steel Satin Black	-	○	-	○	○	-
Push-buttons						
Button for emergency call	●	●	●	●	●	●
Buttons for door open and door close (deselectable)	●/●	●/●	●/●	●/●	●/●	●/●
Main floor green round frame EN 81-70	●	●	●	●	●	●
Max. number of buttons (COP width): 18 buttons (210 mm) / 24 buttons (260 mm)	●/○	●/○	●/○	●/○	●/○	●/○
DB-02 push-button with Braille, according to EN81-70:2018	●	●	●	●	●	●
VB-02 push-button, impact and fire resistance, acc. to EN81-71:2018, Cat.1	-	-	●	-	-	●
XL Button series, with white acknowledgment and Braille lettering	○	○	○	○	○	○
Push-buttons face plate finish						
St. Steel Gr. 220D	●	●	-	●	●	-
St. Steel Satin Champagne	○	○	-	○	○	-
St. Steel Satin Black	○	○	●	○	○	●
Display						
TFT 7" display, position and direction indicator, white lettering on black background	●	●	●	●	●	●
Overload indicator	●	●	●	●	●	●
Others						
Courtesy LED backlighting in COP	-	-	-	○	○	-
Key and Eurokey switches in the control panel (access / functions)	○	○	○	○	○	○
Selective door control in COP (for double entrance, no simultaneous door opening)	○	○	○	○	○	○
Cancellation of car calls by means of double-click in the COP	○	○	○	○	○	○
Speaker + Micro / Speaker + Micro + Emergency call system CC15	●/○	●/○	●/○	●/○	●/○	●/○
ECC Function ¹⁾ - Encoded Car Calls	○	○	○	○	○	○
Verbal announcement (voice synthesizer)	○	○	○	○	○	○
Inductive loop (CC15, 2N Lift1 emergency call system)	○	○	○	○	○	○
Adjustable sound level (35-65 dBA), according to EN 81-70:2018	○	○	○	○	○	○
Double COP	○	○	○	○	○	○

- As standard
 - Optional
 - Not available
- c.e. Contract engineering

* Consult availability

¹⁾ ECC Function is not compatible with the option for car reader preparation in COP
Please consult our thyssenkrupp Elevator sales representative regarding available options.

Landing fixtures

Design line	B	A
LOP 50, Landing Operating Panel		
Surface mounted LOP	•	•
Mounted on the landing door frame ⁽¹⁾ / on the wall	• / ○	• / ○
Zone 1: Upwards - downwards call buttons / key switch special accesses	• / ○	• / ○
Zone 2: Key switch module for functions enabling	○	○
Zone 3: 3.5" TFT display module. Available for position indication or for position and functions indication	○ / ○	○ / ○
Front finish (Zone 1): St. Steel Gr. 220D, St. Steel Satin Champagne or black tempered glass	• / ○ / ○	• / ○ / ○
Front finish (Zone 2): St. Steel Gr. 220D, St. Steel Satin Champagne or other steel finish (consult)	• / ○ / ○	• / ○ / ○
Front finish (Zone 3): Black tempered glass with lettering on black background	•	•
Adjustable sound level (35-65 dBA), according to EN 81-70:2018	•	•
LOP 51-52, Vandal-resistant (with VB push-buttons / Eurokey)	○	○
LIP 50, Landing Position Indicator		
TFT display modules (3.5") with arrows and position indication	•	•
Surface mounted on the wall or on the door lintel ⁽¹⁾	○ / ○	○ / ○
Front finish: Black tempered glass with white lettering on black background	•	•
Placement in none floor / main floor / all floors	○ / ○ / ○	○ / ○ / ○
Audible "gong"	○	○
Adjustable sound level (35-65 dBA), according to EN 81-70:2018	•	•
LID 50-51, Landing Direction Indicator		
LED module with arrow indication	•	•
Surface mounted on the wall or on the door jamb ⁽¹⁾	○ / ○	○ / ○
LID 50, without gong / LID 51, with gong and adjustable sound level (35-65 dBA), acc. EN 81-70:2018	• / ○	• / ○
Front finish: Black tempered glass with white arrow on black background	•	•
Placement in all floors (except in main floor if LIP_50 included) / none floor	○ / ○	○ / ○

Control functions

Design line	B	A
Control box of the control system (H x W x D = 2305⁽⁶⁾ x 280 x 150 mm)		
Primed coating RAL 7032, for painting at jobsite	•	•
Ferritic stainless steel Gr. 220D (no. 1.4509, AISI 441)	○	○
Stainless steel Linen (AISI 304)	○	○
Stainless steel Champagne (AISI 304)	○	○
In top landing / in other freely definable landing ⁽²⁾	• / ○	• / ○
Offset position (cable length up to 40 m)	○	○
Controller operation		
Down collective	•	•
Full collective control upwards / downwards	○	○
Duplex control system (group with 4 elevators)	○	○
Dual entrance on the same level / offset dual entrance	○	○
Dual button collective control (direction-sensitive)	○	○
Uneven bank in duplex (group with different number of stops)	○	○
Parking level in main landing (fixed)	•	•
Fire emergency control		
1 fire landing (stat.), voltage-free contact for customer-fitted fire detectors	○	○
Fire evacuation (signal by others)	○	○
EN 81-73 Controller (up to 4 evacuation floors, fire detectors by customer)	○	○
Firemen service operation (not in accordance with EN 81-72 ⁽³⁾) (requires independent LOP)	○	○
French firemen ⁽⁷⁾	○	○
Level on Fire NDNF (France)	○	○
Emergency evacuation		
Automatic to the next landing in the case of power failure (load-dependent)	•	•
In any landing with UPS (uninterrupted power supply)	○	○
By means of customer-fitted emergency power supply	○	○
Emergency lighting in the elevator cabin (3h)	•	•
Emergency call system⁽⁶⁾		
EAR: CC15 GSM	• / •	• / •
Autodialer 2N Lift1 RTC / GSM	○ / ○	○ / ○
Teleservice Gen.7 including modern (preassigned ⁽⁴⁾) / Teleservice Gen. 7 including modern and elevator attendant function	○ / ○	○ / ○
Prepared for other dialers	○	○
Two-way intercom (elevator car – control cabinet)	○	○
Three-way intercom (elevator car – control cabinet – third point eg. lobby)	○	○

Special accesses control

Cancellation of call by means of double-click in control panel	o	o
Dual function in the landing for access control (disabling and enabling external calls)	C.e.	C.e.
Key switch in the COP for special functions (VIP, Preference Service, Out of Service, Firemen, Shabbat, Maintenance, Fan, Car calls inhibition, etc.)	o	o
Encoded car calls - ECC, numeric keypad in control panel	o	o
Preference / Independent service - COP	o	o
Out of service LOP	o	o
Penthouse control	o	o
VIP function	o	o
Prepared for card reader	o	o

Efficiency

Automatic switch off of cabin light to reduce energy consumption	•	•
Sleep mode (automatic shutdown of control system, frequency inverter, indicator elements)	o	o
Regenerative drive	o	o

Others

Fan in car ceiling: automatic activation and deactivation and run-on / activation with button in the elevator car / activation with key switch in the elevator car	o / o / o	o / o / o
Overload indicator in the elevator car	•	•
Collective fault signal	•	•
Advanced door opening	o	o
Water pit sensor	o	o
Voltage-free contact for signal ⁽⁶⁾	o	o
Preparation for BMS, Building Management System (Move, Stop, Breakdown)	o	o
Extended BMS, Building Management System (Move, Stop, Break Down, Going Up, Going Down, Inspection, Out Of Order and Fire Service)	o	o
Supply main switch RDC (Residual Current Device) Type B	•	•
Safety gear in counterweight	o	o
Halogen-free shaft wiring ⁽⁵⁾	•	•
Prepared for CCTV and category 6 wiring	o	o
Prepared for Speaker	o	o

Comfort

Cabin with sling at 1 m/s	o	o
Roller guides in cabin and counterweight	o	o

Regulations and miscellaneous

Design line	E	D
EN 81-20/50, Safety rules for the construction and installation of lifts	•	•
EN 81-28, Emergency calls	o	o
EN 81-58, Landing doors fire resistance test	•	•
EN 81-20/50, safety rules for the construction and installation of lifts.	•	•
Verbal announcement in elevator car, handrail, mirror on anti-splinter foil, direction indicator elements at all landings, buttons additionally with Braille lettering, button to close and reopen the door, acoustic signal, emergency call system, adjustable sound level (35-65 dBA)	o	o
EN 81-70, Barrier free		
EN 81-71, Vandal resistant		
Partially Category 1: Impact and fire resistance fulfilment on specific ceiling and fixtures	o	o
EN 81-77, Seismic conditions		
Category 0: Design acceleration (m/s ²): ad < 1. EN 81-20 requirements are adequate and therefore no further actions are required	•	•
Category 1: Design acceleration (m/s ²): 1 ≤ ad < 2.5. Minimum corrective actions are required	o	o
Category 2: Design acceleration (m/s ²): 2.5 ≤ ad < 4. Medium corrective actions are required	o	o
Category 3: Design acceleration (m/s ²): ad ≥ 4. Substantial corrective actions are required	o	o

⁽⁰⁾In case that control cabinet is positioned next to the shaft door, the height of the control cabinet is related to the door height DH + 305 mm. If the control cabinet is installed with offset position, the height is always 2305 mm

⁽¹⁾Consult availability for central opening doors

⁽²⁾In case of installation on landing, the control cabinet will be always integrated in the front wall of the elevator shaft

⁽³⁾After activation via key switch, all internal and external calls are deleted. Elevator car moves to fire landing (change the travelling direction might be necessary). Only comands from elevator car are accepted

⁽⁴⁾Preassigned for Germany and included as standard

⁽⁵⁾All cables / wirings with exception of motor cable as well as the travelling cable are halogen-free

⁽⁶⁾This option is realized via the option Voltage free contact for Building Management System BMS
Please consult our thyssenkrupp Elevator sales representative regarding available options.

⁽⁷⁾Available for CH ≥ 2200 mm

⁽⁸⁾Please make sure that your local country's call center is prepared to manage the selected emergency call system.

• As standard
o Optional
- Not available
c.e. Contract engineering

* Consult availability

Elevator Technology

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