



EVOLUTION :
POWERFUL
AND
CUSTOMISABLE



POWERFUL AND CUSTOMISABLE TO INSPIRE YOUR IMAGINATION IN COMMERCIAL BUILDINGS

evolution : the elevator that combines top performance with tailor-made solutions.

evolution is the perfect elevator for buildings with up to 40 stops that require maximum flexibility in design and dimensions, as well as high performance.

65 predesigned cabin interiors specifically developed to suit different types of public building uses and our custom-fit solutions make sure your elevator has the design that matches your needs. The flexible cabin structure allows custom sizing down to the millimetre.

Featuring the latest technology and top-class materials, this elevator delivers powerful performance for buildings with mid- to high-traffic demands and even heavy-duty applications.

All these characteristics make evolution 300 the ideal solution for commercial buildings in the premium segment with high customisation needs or for public transport.

OVERVIEW EVOLUTION

Elevator type	Machine room-less, optional machine room
Passengers	up to 53 passengers
Load	450 - 4,000 kg
Speed	1.0 / 1.6 / 2.0 / 2.5 m/s
Travel height	Up to 100 m
Number of stops	Up to 40 stops
Cabin	65 predesigned cabins / custom-fit solutions
Door types	Side-opening with 2 panels, central-opening with 2 or 4 panels
Door opening width	From 800 mm to 2,400 mm
Door height	From 2,000 mm to 2,500 mm

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About us

The evolution family at a glance

evolution 100: Robust and reliable

The reliable and durable solution for low- to mid-traffic functional commercial buildings.

evolution 200: Flexibility and performance

The solution for mid-traffic functional and comfort-class commercial buildings. Thanks to its flexible design and dimensions, it is also perfect for modernising existing buildings.

evolution 300: Powerful and customisable

The elevator that combines top-performance with tailor-made solutions for customers. Ideal for mid- to high-traffic commercial buildings with heavy-duty and exceptional design requirements.

The perfect synthesis of pure elegance and powerful performance

evolution 300 is an ultra-flexible and spatially efficient solution for upmarket and high-use buildings. This elevator has been designed to meet the most demanding expectations. You can rely on excellent quality and TK Elevator's expertise with a product that offers tailor-made design and ensures the highest performance.



Tailor-made design to match your brand

Select one of 65 predesigned cabin interiors available in the A, B and C design lines or tailor the cabin design to your needs with our custom-fit solutions. We offer high-quality materials like stainless steel, laminate or glass walls in a wide range of finishes and colours. Panoramic glass cabins are also available.



Maximum energy efficiency

Economical and extremely powerful is no contradiction for evolution 300. TK Elevator's technology uses less energy than other elevators offering comparable performance.



Prepared for the highest demands

evolution 300 offers a multitude of technical features that enable powerful performance for both high traffic and heavy loads. Flexible and fast-moving doors, a gearless machine for speeds up to 2.5 m/s and a reliable controller ensure smooth people flow in high-use buildings. Depending on your needs, you can choose a maximum load of between 450 and 4,000 kg. This means that you can use evolution 300 as a passenger elevator or as a goods lift for light loads.



Highest space flexibility

The cabin dimensions can be customised by the millimetre. An optimised use of technology and reduced overhead and pit dimensions ensure a minimal footprint within the building.

One elevator. Many benefits.



PERFORMANCE EFFICIENCY COMFORT SAFETY & REGULATIONS DESIGN

Performance

A benchmark in engineering.



Gearless machine designed in Germany: the compact and extremely quiet-running gearless synchronous drive ensures smooth operation and a long and reliable working life.



Reliable doors: evolution 300 offers a wide range of dimensions and finishes. The door opening times adapt to traffic volumes, so the doors will easily accommodate the highest peak traffic periods in your building.



Controller: dynamic group control for a group of up to 8 cabins. Monitoring for performance management of the elevators.



Optional Destination Selection Control: optimised traffic flow for increased capacity and shorter waiting times.



Heavy duty: you can equip your cabin with robust materials that are perfect for industrial and commercial use. The cabin can handle loads of up to 4 metric tons.

Energy efficiency

Full performance, low energy consumption.

Sustainability is part of our corporate DNA. It involves the holistic improvement of our products and processes to help you reduce the environmental footprint of your buildings and qualify for LEED® and BREEAM® certification by incorporating green features in our elevators.

evolution



Based on a 1,000 kg elevator at 1 m/s with 22.3 m travel height, 7 stops and usage category 1

Measurements taken on a standard evolution configuration with sleep mode achieve the highest energy-efficiency rating class A in use category 1 to 5, according to ISO 25745-2. Certification takes into account where the elevator is installed and energy demand during operation as well as in standby mode.



Environmental Product Declaration (EPD®) evolution has a certified Environmental Product Declaration (EPD) giving information about the environmental performance and contents, which has been controlled and verified according to the requirements of the International EPD® System.

Registration number: S-P-01084

More information is available at www.environdec.com.



Standby mode: cabin lighting comes with automatic switch off as standard.

Sleep mode (optional): the electronic components are turned off when the elevator is in sleep mode and are instantly activated when the elevator is called.



LED lighting: is included as standard in all lighting devices. LED lighting can last 10 times longer and is up to 80% more energy efficient than halogen lighting.



Regenerative drive: the optional regenerative drive is a smart system that generates electricity when the cabin has a full load going down and is empty going up. The power generated in both situations is then captured and fed into the grid.



Optional eco/high speed mode: to save energy, intelligent energy management automatically adjusts elevator speed and door opening times according to traffic volume.



Low energy consumption: the gearless machine is over 90% energy-efficient and uses no contaminant lubricants. Advanced inverter technology also contributes to energy efficiency.

Comfort

Superior comfort for your passengers.



- **All-round comfort riding:** the spacious cabin is silent and low-vibration in operation and also features pleasant ventilation for enhanced comfort. Optional fold-up seats.
- **AGILE:** evolution 300 offers AGILE, three intelligent elements to make the building more efficient.
 - AGILE - Destination Controls** will minimise waiting times by moving people smarter. The **AGILE - Design Center** allows the customisation of the graphic interface of the Destination Control terminals for a richer user experience.
 - AGILE - Security Access** enhances new or existing security systems with adaptable turnkey solutions.

Safety & regulations

Safety that meets the highest standards.

EN
81-20/50

Elevators are the safest means of transport: all safety elements are manufactured to meet all relevant industry standards and regulations, including our company's own strict internal Safety, Health and Environment standards, as well as meeting ISO 9001 and 14001.

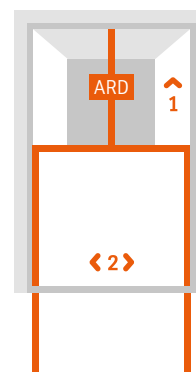


Highest standards: we design and test to the highest standards and manufacture our own safety components.



Stay connected 24/7: whenever you need it, the communication system is there for you, keeping you connected with our 24hr call center.

Emergency evacuation (standard): in the event of power failure, the Automatic Rescue Device (ARD) will safely take you to the next floor (load dependent) <1> and open the doors to allow passengers to exit the cabin <2>.



Design

Endless possibilities.



Predefined cabin: A45
Ambiance: Style
Ceiling: Agrabah large
Walls: Stainless steel Champagne,
decorative glass Diamond Black
Floor: Supplied by customer
COP: Alto full height

Design lines for evolution 300

The design lines C, B and A offer endless possibilities to make the elevator part of your building's design concept. From stainless steel to premium laminates or glass walls – you are spoiled by choices.

Design line C

The clean and neutral predefined cabins create calm and durable environments, easily integrated into the building's different functions. Choose between stainless steel and laminate walls and an optional glass rear wall.



C11

Design line B

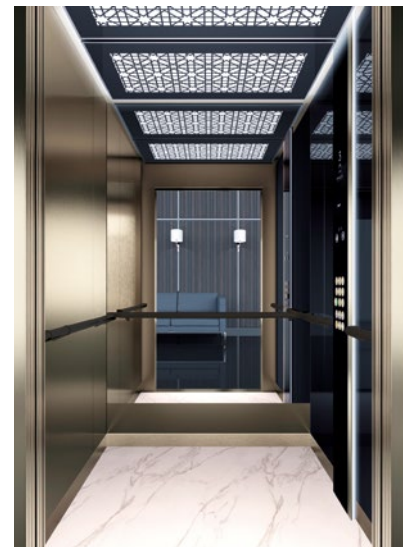
Characterised by high-quality laminates and stainless steel, the predefined cabins of design line B can be easily adapted to your architecture.



B21

Design line A

The predefined cabins of design line A create a unique and exclusive atmosphere, using high-quality materials such as glass, patterned laminates or stainless steel.



A45

Discover more variants of the C design line in the cabin designer tool.



c-design-evolution.
tkelevator.com

Discover more variants of the B design line in the cabin designer tool.



b-design-evolution.
tkelevator.com

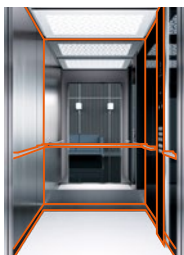
Discover more variants of the A design line in the cabin designer tool.



a-design-evolution.
tkelevator.com

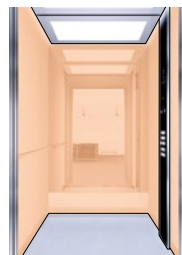
Highest flexibility: Custom-fit solutions

If you are looking for something truly distinctive, exclusive or unique, you can tailor the elevator design to your precise requirements.



Custom selection

You can individually select all materials within your chosen design line for the rear wall, COP wall or opposite COP wall. In addition, you can choose a ceiling, floor and skirting, handrails and COP.



Custom cabin

With this option, you get a cabin equipped only with a ceiling and a COP from your chosen design line. You are then free to choose your own floor, if you wish, and can also equip the cabin with your own wall finish and skirting.



Panoramic rear wall

Enlarge your views with a panoramic rear wall, always combined with the elegance of stainless steel frames. A panoramic rear wall gives the cabin spaciousness and allows natural light to enter.



Panoramic cabin

Full panoramic cabins have 3 glass walls combined with elegant stainless steel frames. All-round visibility, brightness and optical enlargement of the cabin – the advantages speak for themselves.

If you have any questions regarding the cabin design, original samples or individual design, please contact your TKE sales representative.

To discover the full design collection, please see the dedicated Design Book on our website.



Panels, buttons, handrails, and more for evolution 300

Car Operating Panels (COP)



evolution 300 offers 4 different elegant vertical car operating panels with robust stainless steel or tempered glass surface and an integrated 7" TFT display.

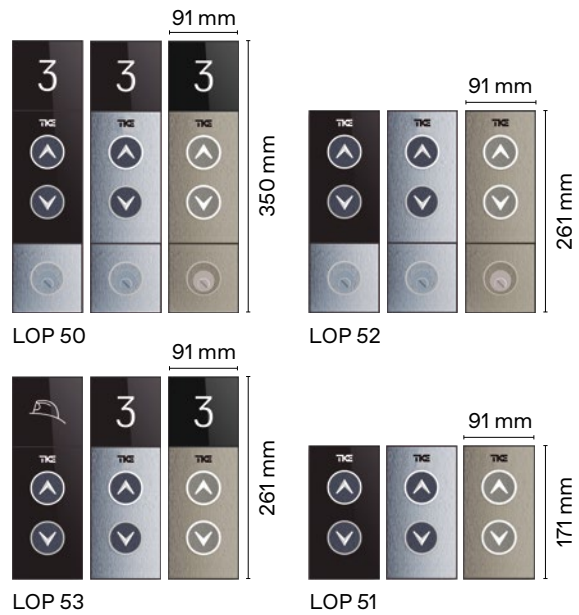
Landing Direction Indicator Panels (LDIP) & Landing Indicator Panels (LIP)



Achieve a modern and neutral look with a black glass face plate.

Note: For evolution 300, various additional fixtures are available, including vandal-resistant options. Please see our dedicated Design Book for more options.

Landing Operating Panels (LOP)



The modular concept of the landing operator panels allows a customised configuration. They feature stainless steel buttons, and optionally a TFT 3.5" display as well as a key switch zone. Front plate available in stainless steel or black glass.

Push-buttons



Four different push-buttons are available for evolution. All are conform with the new EN81-70 and with LED acknowledgement light. The DB push-button is available with Braille lettering. The VB push-button is vandal-resistant and conform with EN81-71:Cat.1.

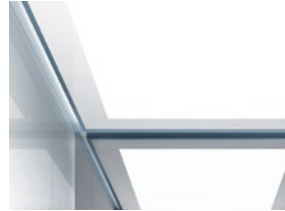
Panels

evolution 300 offers a variety of wall panels in the design lines C, B and A: high-quality laminates, stainless steel in different finishes, powder coatings or decorative glass walls for an exclusive look.



Ceilings

Our ceilings complement the colours and materials of the elevator walls. Choose from different lighting styles and colours with direct or indirect lighting to create the desired atmosphere in your cabin.



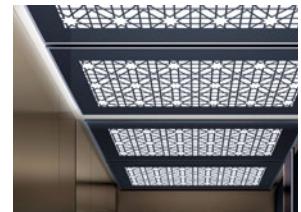
Lightbox large



Grille



Runaway

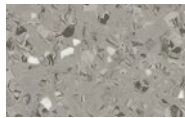


Agrabah large

Floors



Concrete Light Grey vinyl



Eminent Grey vinyl



Esquisse Grey vinyl

Choose from hard wearing steel flooring for functional requirements or easy to clean vinyls for a more exclusive design. You also have the option to supply your own flooring.

Handrails



Stainless steel Satin Silver, straight fixing



Stainless steel Satin Black, sloped fixing

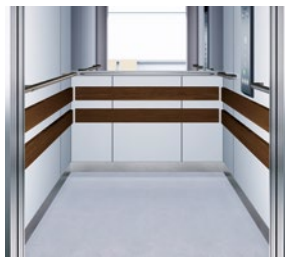
Strong stainless steel handrails with straight or sloped fixing. Curved ends and a silver or black stainless steel finish perfectly complement your predefined cabin.

Bumpers

To protect your cabin wall from damage, bumper rails can be mounted as an option in different heights. Available in stainless steel or variants of PVC or wood.



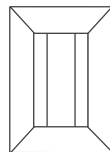
Bumper PVC Snow White



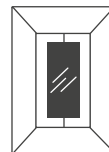
Bumper Wooden European Oak

Mirrors

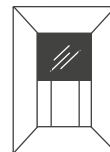
Integrated mirrors in the rear or side walls in case of double entrance, make the cabin feel more spacious and create appealing ceiling light reflections. You can also choose a cabin without mirror.



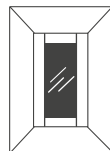
Without mirror



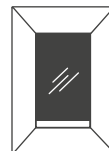
Mirror strip, partial-width, partial-height



Full-width, mid-height



Partial-width, full-height



Full-width, full-height

SELECTED FEATURES AND OPTIONS

Comfort

Accessibility

Door open/close and alarm push-button	■
Big push-buttons with Braille lettering	■
Round green frame in main floor push-button	■
Adjustable sound level (35-65 dBA)	■
Luminance contrast in fixtures	■
Acoustic request acknowledgement in the operating panel	■
Induction loop for hearing-impaired passengers	□

Access control

Cancellation calls by double click in COP	□
Key switch in COP/LOP for access/functions	□
Preference/Independent service of COP	□
Out of service LOP	□
Penthouse control	□
VIP function	□
Prepared for card reader LOP/COP	□
COP for disabled persons	□
AGILE - Security Access	□

Others

Car ventilation fan	□
CCTV multimedia travelling cable	□
Roller guides in car and counterweight	□
Cabin noise reduction kit	□
Floor light circuit	□

Performance

Parking level in main landing floor	■
Group control system (up to 3 elevators)	□
Group control system (up to 8 elevators)	□
INSIGHT - Management Center	□
AGILE - Destination Controls and Design Center	□
Building Management System (BMS)	□
Extended Building Management System (BMS)	□
Machine 180 starts/hour (1 m/s)	■
Pre-opening of doors	□

Layout

Flexible car dimension in 1 mm-steps	□
Flexible door dimension in 100 mm-steps	□
Flexible door placement	□
Reduced overhead	□
Reduced pit	□

Efficiency

Energy-saving LED lighting	■
Cabin lighting stand-by	■
Sleep mode	□
Regenerative drive	□
Trip Counter/Service metre	■
Highspeed/Eco mode	■

Safety & regulations

Prevention of empty car runs	■
Light curtain protection	■
Light curtain protection 3D	□
Emergency lighting in cabin 1 h	■
Automatic evacuation to next landing	■
Automatic evacuation to any landing	□
Two-/three-way intercom	□
Safety gear on counterweight	□
Water pit sensor	□
Halogen-free shaft wiring (except for the motor and travelling cable)	□
Doors fire rating EI60 / EI120	□
EN 81-20/50, Lifts construction and components testing	■
EN 81-21, Existing buildings	■
EN 81-28, Emergency call system	■
EN 81-70, Accessibility to lifts	□
EN 81-71, Vandal-resistant, Category 1 as a modification	□
EN 81-72, Fire fighter lift	□
EN 81-73, Fire evacuation	□
EN 81-77, Seismic, Category 0,1, 2 and 3 as modification	□

Design

Predesigned cabins	■
Glass walls finish	□
Custom-fit cabin designs: wall finish selection/glass printing/raw cabin	□
Preparation for customer-supplied flooring ≤ 25 m	■
Stainless steel COP/LOP	■
Glass faceplate for COP/LOP	□
LCD display in COP	□
TFT 7" display in COP	■
Courtesy LED backlighting in COP	□
LOP, LIP and LDIP surface-mounted on door frame or wall	□
Different push-buttons available	□
Flush COP available	□
Selectable controller cabinet position	□
Framed glass doors	□
Frameless glass doors	□
Panoramic cabin, glass rear wall	□
Panoramic cabin, three glass walls	□
Landing doors in primed coating RAL 7032, for painting at jobsite	■
Landing doors in powder coating RAL 9016, RAL 9006	□
Landing doors in ferritic stainless steel Gr.220D (AISI 441)	□
Landing doors in stainless steel Linen, Leather, Diamond, Champagne	□
Cabin doors in ferritic stainless steel Gr.220D (AISI 441)	■
Cabin doors in stainless steel Linen, Leather, Diamond, Champagne	□

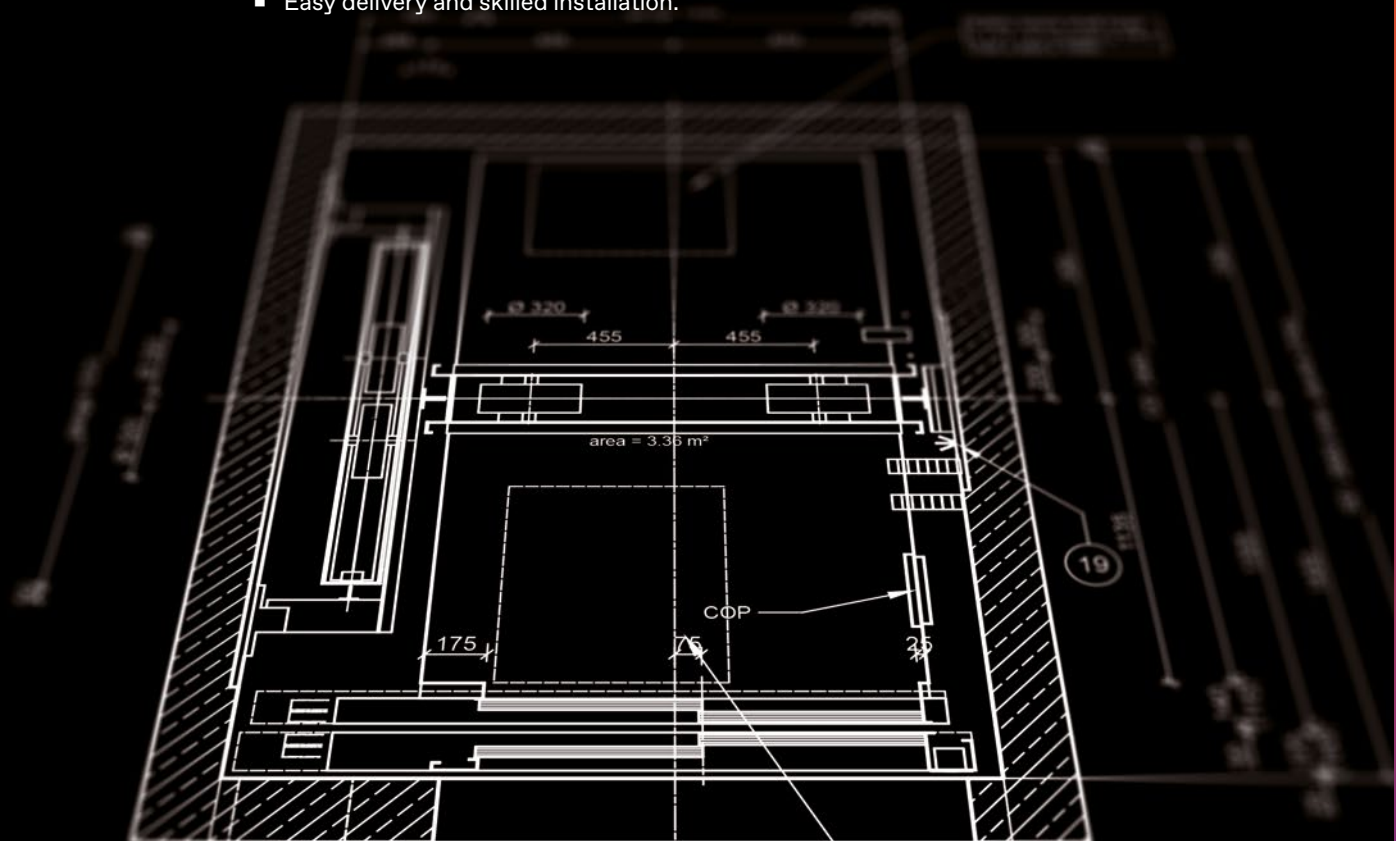
□ Optional product feature ■ Standard product feature

To discover the other options available for evolution 300, please contact your local TK Elevator sales representative.

The details quoted in this sheet can only be viewed as binding when confirmed expressly in writing.

SUCCESS BEGINS WITH A GREAT PLAN

- We support you from the first idea through to completed installation.
- Our highly experienced commercial team will advise you on the best mobility solutions to meet your requirements.
- Easy delivery and skilled installation.



evolution 300 ePlanning tool

Make the most of your building space and find the optimal dimensions for your new evolution 300 cabin. All you need is either the shaft or cabin measurements. For new installations, you can simply find the smallest possible shaft dimensions for a specific cabin size. For modernisation projects, you can easily optimise the cabin size to fit a particular shaft.



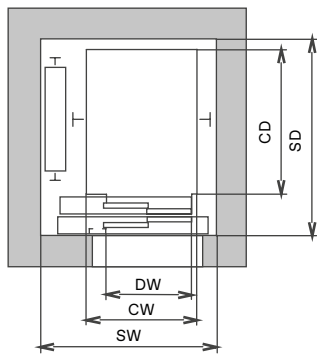
eplanning.tkelevator.com

Technical product scope

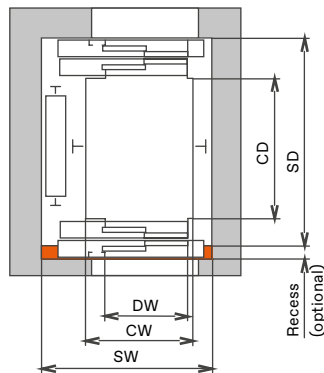
Door options

Shaft layout with side-opening door L2

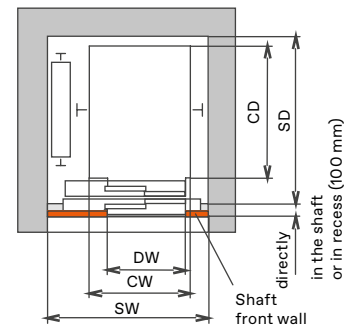
Single entrance



Double entrance with recess

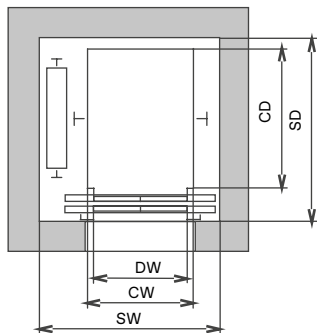


Single entrance, shaft front wall with gap cover

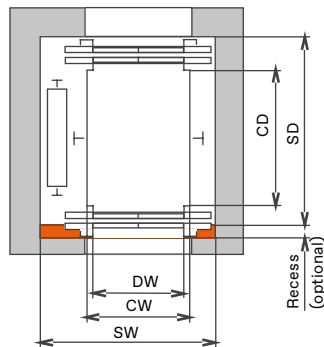


Shaft layout with central-opening door C2

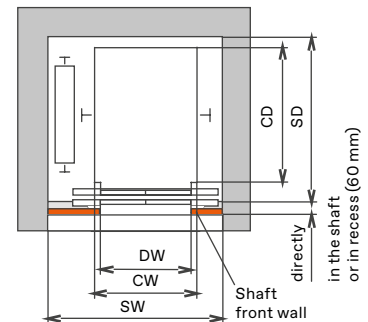
Single entrance



Double entrance with recess



Single entrance, shaft front wall with gap cover



Key:

CW: car width

CD: car depth

CH: car height

SW: shaft width

SD: shaft depth

SH: shaft head

SP: shaft pit

DW: door width

DH: door height

FFL: finished floor level

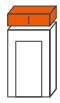
UFL: unfinished floor level

TH: travel height

HST: min. height between floors

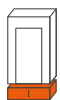
Shaft planning layout

TECHNICAL DATA



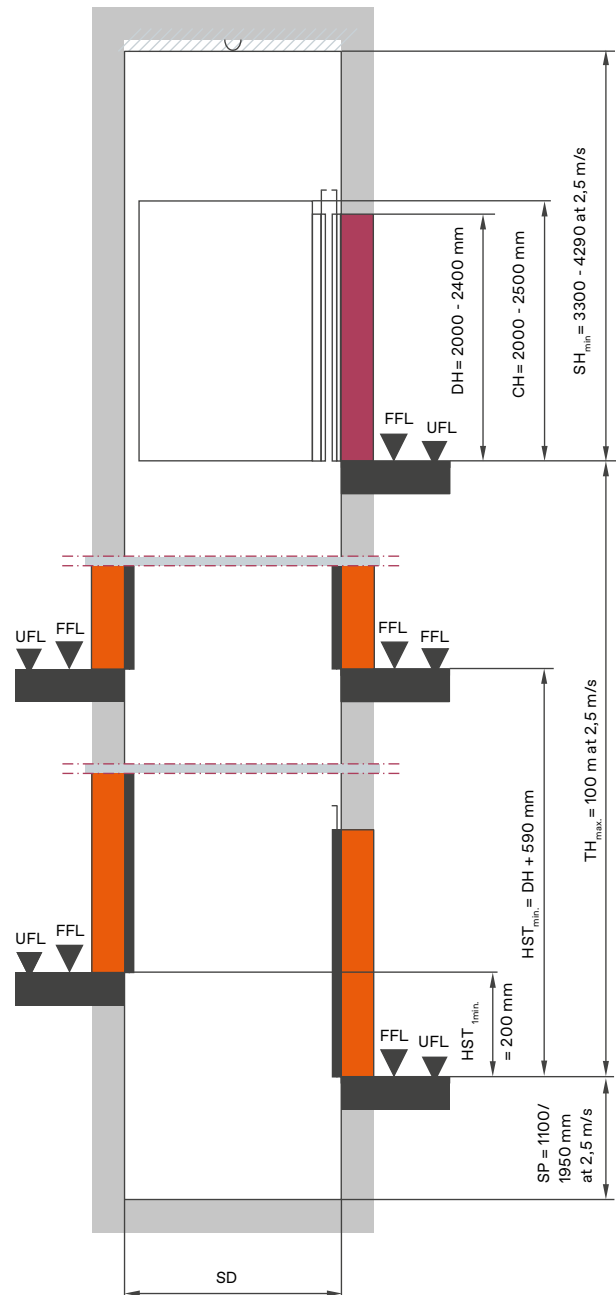
Shaft head dimensions

Speed	Shaft head (mm)	Rated load (kg)	Car height (mm) ¹⁾
1.0 m/s	3,300 / 2,900*	<=1,000	2,100
1.0 m/s	3,300 / 2,950*	>1,000-1,600	2,100
1.0 m/s	3,700	>1,600	2,100
1.6 m/s	3,500	<=1,000	2,100
1.6 m/s	3,500	>1,000-1,600	2,100
1.6 m/s	3,855	>=1,600	2,100
2.0 m/s	4,055	>1,000-1,600	2,100
2.0 m/s	4,055	<=1,000	2,100
2.5 m/s	4,290	<=1,000	2,100
2.5 m/s	4,290	>1,000-1,600	2,100



Shaft pit dimensions

Speed	Shaft pit (mm)	Rated load (kg)
1.0 m/s	1,100 / 900**	<=1,000
1.0 m/s	1,150 / 900**	>1,000-1,600
1.0 m/s	1,300	>1,600
1.6 m/s	1,200	<=1,000
1.6 m/s	1,250	>1,000-1,600
1.6 m/s	1,350	>1,600-2,000
1.6 m/s	1,500	>2,000
2.0 m/s	1,500	<=1,000
2.0 m/s	1,500	>1,000-1,600
2.5 m/s	1,950	<=1,000
2.5 m/s	1,950	>1,000-1,600



* reduced shaft head option available

** reduced shaft pit option available

¹⁾ An increase in car height always results in an equal increase of the shaft head (e.g. CH+100 mm leads to SH+100 mm)

Shaft planning layout

























SYSTEM				CABIN		DOOR			SHAFT																					
Rated load (kg)	Number of passengers	Speed (m/s)	Max. travel height (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 shaft	Shaft depth (mm) - door in recess	Shaft depth (mm) - door in deep recess	Shaft pit (mm)	Shaft head (mm) for cabin height = 2100 mm ²⁾															
450	6	1.0	40	1000x1250	2100-2700	S/D	L2/C2/C4	800-900	2000-2500																					
										2100	S	L2	800	2000	1560	1650	1595	1550	1100/900 ³⁾	3300/3100 ⁴⁾										
										2100	D	L2	800	2000	1560	1890	1780	1690	1100/900 ³⁾	3300/3100 ⁴⁾										
										2100	S	C2	800	2000	1760	1590	1530	1530	1100/900 ³⁾	3300/3100 ⁴⁾										
										2100	D	C2	800	2000	1760	1770	1650	1650	1100/900 ³⁾	3300/3100 ⁴⁾										
										1.6	60	1514 (L2)/1760 (C2)	1)	1)	1)	1200	3500													
										630	8	1.0	40	1100x1400	2100-2700	S/D	L2/C2/C4	800-1000	2000-2500											
																				2100	S	L2	900	2000	1605	1800	1745	1700	1100/900 ³⁾	3300/3100 ⁴⁾
																				2100	D	L2	900	2000	1605	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾
																				2100	S	C2	900	2000	1960	1740	1680	1680	1100/900 ³⁾	3300/3100 ⁴⁾
2100	D	C2	900	2000	1960	1920	1800	1800	1100/900 ³⁾											3300/3100 ⁴⁾										
1.6	60	1614 (L2)/1960 (C2)	1)	1)	1)	1200	3500																							
2.0	80	1664 (L2)/1960 (C2)	1)	1)	-	1500	4055																							
2.5	100	1739 (L2)/1977 (C2)	1)	-	-	1950	4290																							
800	10	1.0	40	1350x1400	2100-2700	S/D	L2/C2/C4	800-1200	2000-2500																					
																				2100	S	L2	900	2000	1850	1800	1745	1700	1100/900 ³⁾	3300/3100 ⁴⁾
										2100	D	L2	900	2000	1850	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾										
										2100	S	C2	900	2000	2015	1740	1680	1680	1100/900 ²⁾	3300/3100 ⁴⁾										
										2100	D	C2	900	2000	2015	1920	1800	1800	1100/900 ³⁾	3300/3100 ⁴⁾										
										1.6	60	1864 (L2)/2022 (C2)	1)	1)	1)	1200	3500													
										2.0	80	1914 (LC)/3042 (C2)	1)	1)	1)	1500	4055													
										2.5	100	1989 (LC)/2102 (C2)	1)	1)	1)	1950	4290													
										1000	13	1.0	40	1100x2100	2100-2700	S/D	L2/C2/C4	800-1000	2000-2500											
																				2100	S	L2	900	2000	1605	2500	2445	2400	1100/900 ³⁾	3300/3100 ⁴⁾
2100	D	L2	900	2000	1605	2740	2630	2540	1100/900 ³⁾											3300/3100 ⁴⁾										
2100	S	C2	900	2000	1960	2440	2380	2380	1100/900 ³⁾											3300/3100 ⁴⁾										
2100	D	C2	900	2000	1960	2620	2500	2500	1100/900 ³⁾											3300/3100 ⁴⁾										
1.6	60	1614 (L2)/1960 (C2)	1)	1)	1)	1200	3500																							
2.0	80	1664 (L2)/1960 (C2)	1)	1)	1)	1500	4055																							



The values shown correspond to a generic installation. Please contact your TK Elevator sales representative for guaranteed shaft dimensions for specific projects, especially for reduced shaft head and/or pit. During the planning phase, all applicable regulations stipulated by relevant notified bodies and all applicable national regulations should also be considered.

SYSTEM				CABIN		DOOR				SHAFT																																
Rated load (kg)	Number of passengers	Speed (m/s)	Max. travel height (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 shaft	Shaft depth (mm) - door in recess	Shaft depth (mm) - door in deep recess	Shaft pit (mm)	Shaft head (mm) for cabin height = 2100 mm ²⁾																											
1000	13	1.0	40	1600×1400	2100-2700	S/D	L2/C2/C4	800-1500	2000-2500	2100	1800	1745	1700	1100/900 ³⁾	3300/3100 ⁴⁾																											
																S	L2	1000	2000	2100	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾																	
																D	L2	1000	2000	2100	2040	1930	1840	1100/900 ³⁾	3300/3100 ⁴⁾																	
																S	C2	1000	2000	2240	1740	1860	1680	1100/900 ³⁾	3300/3100 ⁴⁾																	
																D	C2	1000	2000	2240	1920	1800	1800	1100/900 ³⁾	3300/3100 ⁴⁾																	
																1.6 60		2114 (L2)/2247 (C2)	1)	1)	1)	1200	3500																			
																2.0 80		2164 (L2)																								
																2.5 100		(C2) 2267	1)	-	-	1950	4290																			
																1000	13	1.0	40	2100×1100	2100-2700	S/D	L2/C2/C4	800-2000	2000-2500	2100	1600	1545	1500	1150/950 ³⁾	3300											
																																S	L2	1300	2000	2600	1540	1480	1480	1150/950 ³⁾	3300	
S	C2	1300	2000	2790	1540	1480	1480	1150/950 ³⁾	3300																																	
1.6 60		2614 (L2)/2797 (C2)	1)	1)	1)	1250	3500																																			
2.0 80		1837 (L2)/2160 (C2)	1)	1)	1)	1500	4055																																			
2.5 100		1837 (L2)/2160 (C2)	1)	1)	1)	1950	4290																																			
1275	17	1.0	40	1200×2300	2100-2700	S/D	L2/C2/C4	800-1100	2000-2500	2100	1745	2700	2645	2600	1150																	3300										
																																	S	L2	1000	2000	1745	2940	2830	2740	1150	3300
																																	D	L2	1000	2000	1745	2940	2830	2740	1150	3300
																																	S	C2	1000	2000	2160	2640	2580	2580	1150	3300
																D	C2	1000	2000	2160	2820	2700	2700	1150	3300																	
																1.6 60		1752 (L2)/2160 (C2)	1)	1)	1)	1250	3500																			
																2.0 80		1837 (L2)/2160 (C2)	1)	1)	1)	1500	4055																			
																2.5 100		1837 (L2)/2160 (C2)	1)	1)	1)	1950	4290																			
																1275	17	1.0	40	2000×1400	2100-2700	S/D	L2/C2/C4	800-1900	2000-2500	2100	1800	1745	1700	1150	3300											
																																	S	L2	1300	2000	2540	2040	1930	1840	1150	3300
D	L2	1300	2000	2540	2040	1930	1840	1150	3300																																	
S	C2	1300	2000	2760	1740	1680	1680	1150	3300																																	
D	C2	1300	2000	2760	1920	1800	1800	1150	3300																																	
1.6 60		2552 (L2)/2760 (C2)	1)	1)	1)	1250	3500																																			
2.0 80		only with CD 1600 (L2) 2637 (C2) 2826	1)	-	-	1500	4055																																			
2.5 100		2637 (L2)/2826 (C2)	1)	-	-	1950	4290																																			

SYSTEM				CABIN		DOOR				SHAFT													
Rated load (kg)	Number of passengers	Speed (m/s)	Max. travel height (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 shaft	Shaft depth (mm) - door in recess	Shaft depth (mm) - door in deep recess	Shaft pit (mm)	Shaft head (mm) for cabin height = 2100 mm ²								
1600	21	1.0	40	1400×2400	2100-2700	S/D	L2/C2/C4	800-1300	2000-2500	1940	2800	2745	2700	1150	3300								
							S	L2	1100							2000							
							D	L2	1100							2000							
							S	C2	1100							2000							
	1.6	60	2.0	80	1950×1750	2100-2700	S/D	L2/C2/C4	800-1800	2000-2500	1952 (L2)/2360 (C2)	1150	1150	1150	1250	3500							
								S	L2	1300	2000	2490	2150	2095	2050	1150	3300						
								D	L2	1300	2000	2490	2390	2280	2190	1150	3300						
	2.5	100	2.5	100	2100×1600	2100-2700	S/D	L2/C2/C4	800-2000	2000-2500	2037 (L2)/2360 (C2)	1150	1150	1150	1500	4055							
								S	L2	1300	2000	2760	2090	2030	2030	1150	3300						
	1600	21	1.0	40	2100×1600	2100-2700	S/D	L2/C2/C4	800-1800	2000-2500	2640	2000	1945	1900	1150	3300							
								S	L2	1300							2000	2640	2240	2130	2040	1150	3300
								D	L2	1300							2000	2640	2240	2130	2040	1150	3300
								S	C2	1300							2000	2800	1940	1880	1880	1150	3300
		1.6	60	2.0	80	1500×2700	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2037 (L2)/2360 (C2)	1150	1150	1150	1950	4290						
									S	L2	1300	2000	2760	2270	2150	2150	1150	3300					
									D	C2	1300	2000	2760	2270	2150	2150	1150	3300					
2.5		100	2.5	100	2100×1600	2100-2700	S/D	L2/C2/C4	800-2000	2000-2500	2502 (L2)/2760 (C2)	1150	1150	1150	1250	3500							
								S	L2	1300	2000	2640	2000	1945	1900	1150	3300						
2000		26	1.0	40	1500×2700	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2587 (L2)/2801 (C2)	1150	-	-	1500	4055							
								S	L2	1300	2000	2760	3040	2980	2980	1250	3700						
								D	L2	1300	2000	2760	3040	2980	2980	1250	3700						
	S							C2	1300	2000	2760	3040	2980	2980	1250	3700							
	1.6	60	2.0	80	2100×1600	2100-2700	S/D	L2/C2/C4	800-2000	2000-2500	2587 (L2)/2801 (C2)	1150	1150	1150	1950	4290							
								S	L2	1300	2000	2760	2270	2150	2150	1150	3300						
								D	C2	1300	2000	2760	2270	2150	2150	1150	3300						
	2.5	100	2.5	100	2100×1600	2100-2700	S/D	L2/C2/C4	800-2000	2000-2500	2652 (L2)/2806 (C2)	1150	1150	1150	1250	3500							
								S	L2	1300	2000	2640	2000	1945	1900	1150	3300						
	2000	26	1.0	40	1500×2700	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2737 (L2)/2876 (C2)	1150	-	-	1500	4055							
S								L2	1300	2000	2225	3100	3045	3000	1250	3700							
D								L2	1300	2000	2225	3340	3230	3140	1250	3700							
S								C2	1300	2000	2760	3040	2980	2980	1250	3700							
1.6		60	2.0	80	2100×1600	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2737 (L2)/2876 (C2)	1150	1150	1150	1950	4290							
								S	L2	1300	2000	2760	2120	2000	2000	1150	3300						
2.5	100	2.5	100	2100×1600	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2737 (L2)/2876 (C2)	1150	1150	1150	1950	4290								
							S	L2	1300	2000	2225	3100	3045	3000	1250	3700							
2000	26	1.0	40	1500×2700	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2231 (L2)/2760 (C2)	1150	1150	1150	1350	3855								
							S	L2	1300	2000	2225	3100	3045	3000	1250	3700							
2000	26	1.0	40	1500×2700	2100-2700	S/D	L2/C2/C4	800-1400	2000-2500	2231 (L2)/2760 (C2)	1150	1150	1150	1500	4055								
							S	L2	1300	2000	2225	3100	3045	3000	1250	3700							

SYSTEM				CABIN		DOOR		SHAFT																		
Rated load (kg)	Number of passengers	Speed (m/s)	Max. travel height (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 shaft	Shaft depth (mm) - door in recess	Shaft depth (mm) - door in deep recess	Shaft pit (mm)	Shaft head (mm) for cabin height = 2100 mm ²⁾											
2500	33	1.0	40	1800x2700	2100-2700	S/D	L2/C2/C4	800-1700	2000-2500																	
																2100	S	C4	1600	2000	2620	3100	3045	-	1300	3700
																2100	D	C4	1600	2000	2620	3340	3230	-	1300	3700
		1.6	60							2626 (C4) ¹⁾	¹⁾	-	1500	3855												
3000	40	1.0	40	2000x2800	2100-2700	S/D	L2/C2/C4	800-1900	2000-2500																	
																2100	S	C4	1800	2000	2870	3200	3145	-	1300	3700
																2100	D	C4	1800	2000	2870	3440	3330	-	1300	3700
		1.6	60							2876 (C4) ¹⁾	¹⁾	-	1500	3855												
3500	46	1.0	40	2100x3050	2100-2700	S/D	L2/C2/C4	800-2000	2000-2500																	
																2100	S	C4	1800	2000	2920	3450	3395	-	1300	3700
																2100	D	C4	1800	2000	2920	3690	3580	-	1300	3700
4000	53	1.0	40	2400x2900	2100-2700	S/D	L2/C2/C4	800-2300	2000-2500																	
																2100	S	C4	1800	2000	3070	3300	3245	-	1300	3700
																2100	D	C4	1800	2000	3070	3540	3430	-	1300	3700

¹⁾ The shaft depth does not depend on the speed: at $v \geq 1.6$ m/s, the corresponding values as specified in the lines with $v = 1.0$ m/s apply.

²⁾ Headroom height with KH = 2100 mm and telescopic railing on the car roof, otherwise +400 mm.

³⁾ Reduced pit depth available as an option (rated load ≤ 1000 kg, travel height ≤ 30 m, speed 1.0 m/s).

⁴⁾ Reduced headroom height available as an option (rated load ≤ 1000 kg, travel height ≤ 40 m, speed 1.0 m/s, with power regeneration, sliding guides on the counterweight and without safety gear on the counterweight).

L2 - double-panel telescopic opening sliding door (left or right opening), C2 - double-panel central-opening sliding door, C4 - four-panel central-opening sliding door. Recess depths: door type L2: recess = 55 mm, deep recess = 100 mm; door type C2: recess = 20 mm, deep recess = 60 mm; door type C4: recess = 55 mm & deep recess = 100 mm.

Type of entrance: S - single entrance, D - dual entrance (180°).

Shaft tolerance: ± 25 mm, shaft tolerance in the area of the headroom / shaft pit - 0 mm/ + 25 mm.

Depending on the equipment, the shaft dimensions can deviate from the specified values (for example special position of the car operating panel). Examples of shaft dimensions for the door types L2, C2 and C4 are specified with common door widths. For door dimensions deviating from this, you can obtain the corresponding shaft dimensions on request. For the version of the evolution 300 mr (with machine room), the shaft dimensions can deviate from those specified here. Shaft dimensions are available on request.



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50,000+

service available for customers

locations

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