

Elevator Technology

synergy 200



thyssenkrupp





D design line
Predesigned cabin: D04
Ceiling: Eclipse, LED lighting
Walls: Laminate wooden, glass colour
Floor: Sintered compact, Nero Assoluto
COP: Edge high



Flexibility with outstanding performance.

synergy 200 is the thyssenkrupp solution for residential buildings suitable for commercial uses, that meets the highest demands in terms of space flexibility, design and performance.

Its proven technology and optimised layout helps you to cut costs and save energy, resulting in an intelligent elevator system that benefits everyone: passengers, building owners and our environment.

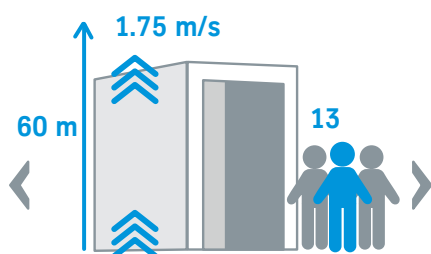
synergy 200 features a cutting-edge decor concept that offers you enormous flexibility with a great number of predesigned cabins. These are elevators that will meet the needs of your building and exceed passenger expectations in genuine style.

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Performance. Space flexibility.

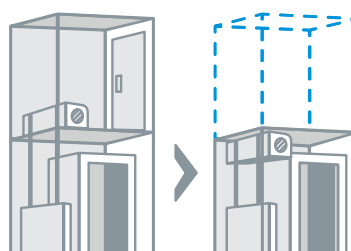
synergy's flexible design concept is ideally suited to meet the space requirements of buildings and architects alike.



Optimised application range

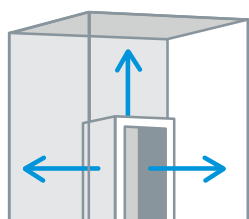
synergy offers an optimized range of loads, speeds and stops, that covers the most common needs of residential buildings and moderate commercial uses.

With capacities for 3 to 13 people (320 kg - 1000 kg), synergy can extend up to 45 m (1 m/s) or 60 m (1.6 m/s and 1.75 m/s).



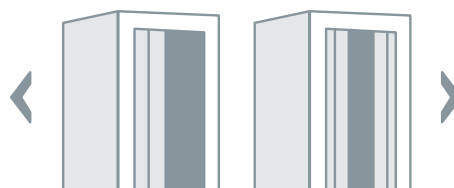
With or without machine room

Compact and efficient design allows systems to be built with or without a machine room, thus making the best use of space while also reducing costs.



Flexible cabin fit

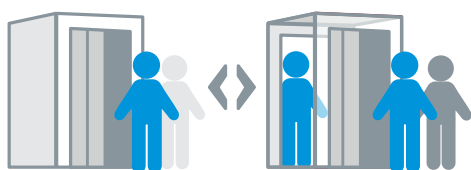
Flexible cabin size that increases in width and depth in increments of just 10 mm ensures the perfect fit for your needs. Cabin height is available in 6 different steps, from 2070 to 2400 mm.



Wide range of doors

synergy offers a wide range of door and opening sizes, adapted to the building regulations and building configuration requirements (from 600 mm to 1000 mm in width, height up to 2300 mm). Car doors are supplied in brushed stainless steel and landing doors with a grey primed coating.

Other finishes are available as options.



Single or double boarding

Single or double door configuration provides more options for traffic flow design in buildings.

Efficiency. Contributing to sustainability.



synergy embodies all thyssenkrupp's sustainability commitments: low energy consumption, efficient technology, material recycling and product life-cycle optimisation.

Life Cycle Analysis - LCA

LCA analysis is a method of assessing potential environmental impact throughout the whole life cycle - including raw material extraction, components production, use and end-of-life. Through this analysis, we identify relevant field of actions and enhance the design process. Our goal is to minimise synergy's environmental impact. Your benefit is a solution that fulfils the highest demands of efficiency and product responsibility.

This synergy has achieved Class A energy efficiency rating according to ISO 25745, including the sleep mode option.

Energy Efficiency rate:
Class A



Sleep mode

The sleep mode position avoids unnecessary power consumption during nights or laps between ridings disconnecting energy consuming equipment. The lift will then reactivate when a demand is placed via the landing pushes.

Efficient and long-lasting LED lighting

LED lighting can last 10 times longer and is up to 80% more energy efficient than halogen lighting. It neither generates heat nor produces annoying flickering and reaches full brightness immediately. Excellent reasons to include it as standard.



Regenerative drive, smart energy saving

The optional regenerative drive is a smart system which generates electricity when the car 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 to be consumed by the elevator's electrical system or other electrical systems within the building.





synergy 200 proves that comfort is more than just the ride: it also means easy operation, attractive panels, high-quality materials, beautiful finishes and outstanding performance.

**Smooth, comfortable ride**

Enjoy a smooth ride thanks to our latest inverter technology. Perfect landing precision (± 3 mm) prevents tripping between the car and the landing.

Quiet performance

We have developed an integrated solution to optimise acoustic comfort in the cabin and in the shaft, so that you can enjoy peace and quiet.

Comfort.
Experience
the ride.

Safety. Our commitment.



synergy 200 includes reliable and efficient security systems complying with the most demanding safety regulations worldwide.

The design of thyssenkrupp elevators already meets the requirements of the new EN 81-20/50 standard governing the safety of passengers and service personnel.

Elevators are the safest means of transport

synergy 200 meets the requirements of the elevator standards EN 81-20 and EN 81-50 with CE conformity. Is also complies with environmental standards, as well as ISO 9001 and ISO 14001.

Emergency evacuation

The Automatic Rescue Device (ARD) enables evacuation in the event of power failure, taking passengers down to the next floor and opening the doors.

Stay connected 24/7

synergy 200 also incorporates a two-way communication system with a control centre for maximum reassurance and safety.

Safe door closing

The light curtain reacts faster and prevents passengers from getting trapped in the door by detecting small objects up to a height of 1.65 m, even when the doors are closing.

Design. Style beyond decoration.

Discover our cutting-edge predefined cabins, specially developed to meet a wide spectrum of tastes and atmospheres, using materials that will bring genuine style to your elevator.



Discover the
E design line in
our cabin
designer tool.

E design line

- Versatile design to match your requirements
- 17 predefined cabins grouped by ambiance
- Contrasting rear and side walls using the same finish
- Shiny laminate and stainless steel
- Wide silver mirror
- LED lighting plate. Optional six false ceiling designs available in one colour
- One handrail design in two finishes
- Two Cabin Operating Panel (COP) designs: short / high and glass / steel

E design line

Ambiance	Pure	Pop Art	Home	Sharp	Royal
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Cabin materials

Laminate

Coloured	•	•	•	•	•
Wooden			•		
Patterned		•			

Stainless steel

Satin				•	
Coloured					•
Patterned					

Glass

Coloured					
Patterned					

Cabin look and feel

Clear

Warm		•	•		
Cold	•	•			

Dark

Warm					
Cold					

Steel

Warm				•	•
Cold				•	

Colourful

Luxury					•
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Choose from among our different E and D design lines to create the look and feel that best suits your building. If you would like an even more personalised finish, start from scratch and create an elevator car with precisely the unique atmosphere you are looking for.

D design line

- Stunning design that is guaranteed to impress
- 24 predefined cabins grouped by ambiance
- Contrasting designs on opposite walls
- Decorative glass and stainless steel
- Full-width silver or smoked mirror
- Eight ceiling designs available in seven colours
- Two handrail designs in two finishes
- Two Cabin Operating Panel (COP) designs: high / full-height and glass / steel

D design line						
Ambiance	Natura	Downtown	Hero	Alpine	Prestige	Oasis
Cabin materials						
Laminate						
Coloured						
Wooden	•	•			•	
Patterned		•				
Stainless steel						
Satin						
Coloured						•
Patterned			•	•		•
Glass						
Coloured	•	•	•	•	•	•
Patterned	•				•	•
Cabin look and feel						
Clear						
Warm	•	•				•
Cold				•		
Dark						
Warm	•				•	
Cold			•			
Steel						
Warm						•
Cold			•	•		
Colourful						
	•					
Luxury						
					•	•



Discover the D design line in our cabin designer tool.



E design line
Predesigned cabin: E10
Ceiling: Lightbox, LED lighting
Walls: Laminate
Floor: Vinyl Tissé Grey
COP: Edge

E design line.

Design adjusted to your lifestyle.

Characterised by fresh colours and a contrasting rear wall, the E design line presents design solutions which easily adapt to your lifestyle. A wide variety of high-quality laminates and steel for walls, an ample selection of decorative ceilings and an extensive collection of flooring. Timeless and user-friendly control panel designs offer the final distinctive touch to create sleek and modern interiors in residential buildings.

The E design line provides your building with enhanced aesthetics and greater comfort. It includes 17 predefined cabins in a variety of styles.

E01 - LM01S/LM01S/LM01S



E02 - LM02S/LM02S/LM02S



Pure

Maximum simplicity without colour contrasts. These predefined cabins create a neutral, minimalist car interior with the characteristic brightness of our high-quality shiny laminate panels.

Finish legend: Opposite to COP wall / rear wall / COP wall

E10 - LM01S/LM10S/LM01S**E11** - LM01S/LM11S/LM01S**Pop Art**

These predefined cabins bring colour and design together to create a cool, chic style that lends personality to create a fresh, modern living area. This is our maverick proposal, a selection of colours and boldly patterned laminates that will really make an impact.

**E12** - LM01S/LM12S/LM01S**E13** - LM01S/LP01/LM01S**E14** - LM01S/LP02/LM01S

E20 - LM01S/LW02/LM01S**E21** - LM06S/LW03/LM06S**Home**

Our most organic predefined cabins combine the warmth of wood finishes on the rear wall with light or dark side-wall finishes. A timeless style, without sacrificing contemporary details, makes for a harmonious environment.

Finish legend: Opposite to COP wall / rear wall / COP wall

Sharp

These predesigned cabins bring the solid look and innate perfection of stainless steel on the rear wall with a range of bold, glossy laminate colours on the side walls, resulting in a series of harmonious, balanced and long-lasting spaces.

E30 - LM08S/ST01/LM08S**E31** - LM05S/ST01/LM05S**E32** - LM09S/ST01/LM09S**E33** - ST01/ST01/ST01**E34** - ST02/ST02/ST02

E40 - LM06S/ST05/LM06S

Finish legend: Opposite to COP wall / rear wall / COP wall

E41 - LM03S/ST05/LM03S**E42** - ST05/ST05/ST05

D design line.

Unique elevator experience.

Geared to high-end residential buildings, the D design line is our most complete and versatile one. It represents a qualitative step up in materials and interior finishes.

Benefit from top-of-the-line cabin operating panels, a wide range of ceiling designs and colours, and a carefully selected assortment of high-quality wall panel materials and finishes.

The concept for these predesigned cabins extends beyond pure aesthetics to provide a broad catalogue of exceptional combinations, created by expert designers to appeal to different tastes, atmospheres and preferences. The full rear mirror in bright or dark tones accentuates the overall ambience. Each decorative element has been planned to provide a unique elevator riding experience. The D design line includes 23 predesigned cabins in a variety of styles.



D design line
Predesigned cabin: D31
Ceiling: Island grey, LED lighting
Walls: Decorative glass
Floor: Sintered compact, Nero Assoluto
COP: Edge high

Natura

These predefined cabins are our expression of warmth, conveyed through hardwoods and textures with soft, neutral tones that recall a natural setting: classic, elegant, yet with a unique, modern touch.

D01 - LW06/GL03/LW06**D02** - LW02/LW02/LW02**D03** - LW02/GL03/LW06**D04** - GL01/GL01/LW04

Finish legend: Opposite to COP wall / rear wall / COP wall

Downtown

These predesigned cabins unite tempered glass, bright fresh colours, light wood and fawn finishes to create bold, unconventional spaces.

D10 - GL01/GL01/GL01**D11** - GL08/GL01/LW02**D12** - LP04/LP03/LP03**D13** - GP01/GL01/GL11

Finish legend: Opposite to COP wall / rear wall / COP wall

Hero

The combination of steel, discreet finishes and tempered glass in dark tones transmits maximum elegance. These predefined cabins are perfectly suited to both extremely modern and decidedly classic spaces.

D20 - GL13/GL07/GL03**D21** - ST03/GL07/ST03**D22** - ST02/GL07/ST02**D23** - GL07/GL07/GL07

Alpine

White, black and earthy colours in simple combinations with glass and steel. These bright, stunning predesigned cabins are used to break with the sometimes cold, impersonal feeling of modern surroundings, livening them up in a simple, unembellished manner.

D30 - GL01/GL01/GL01**D31** - GL02/GL02/GL02**D32** - GL01/GL01/GL07**D33** - ST03/GL07/GL01

D40 - LW03/GL06/LW03**D41** - LW06/GL07/GP04**Prestige**

A style characterised by the use of hardwoods combined with patterned glass designs. These predesigned cabins create a wholly different space, pristine and sophisticated, with appealing patterns and the classic touch of wood.

D42 - LW01/LW01/GP03

Oasis

These predefined cabins for exclusive, high-end buildings evoke lavish oriental opulence. With champagne patterned steel as a core material, it will transport you to a world reflecting light and luxury.

D50 - GL01/GL01/GP02



D51 - ST05/ST05/GL07



Finish legend: Opposite to COP wall / rear wall / COP wall

D52 - ST05/ST05/ST04

D53 - ST05/ST04/ST05

Custom fit solutions.

If you are looking for something truly distinctive, exclusive or unique, our customized solutions are the ideal choice.



Custom glass

Create your own unique design by having a customized colour D91 or imaged printed in the glass walls D92, as part of the D design line.



Panoramic cabin

Enlarge your views with a panoramic cabin. Select glass transparency for rear wall or full panoramic, always combined with the elegance of stainless steel frames.

If you prefer to personalize the cabin yourself, we can also fulfill your needs by delivering a cabin with no wall finish. This solution is available within E or D design lines. Choose the ceiling design and cabin operating panel within your preferred design line and optionally complete your cabin with handrail and flooring.

Design. Ceilings.

The sky is the limit.

E design line

The E design line offers a variety of ceiling options, from a slim LED plate to a selection of false ceilings with printed designs in the central area. Different designs for different atmospheres: Grille for uniform lighting and conventional ambiances, Rocket for minimalist lighting in quiet and still spaces, Lightbox for high lighting requirements and lived spaces. Water Lily, Tiffany and Agrabah for a distinctive touch with amazing lighting effects.



LED lighting plate



Grille



Rocket



Lightbox



Water Lily



Tiffany



Agrabah

D design line

Our D design line expands your options for ceilings by adding more designs and more colours. The printed area reaches right to the ceiling edges, creating amazing reflection effects on the full wide rear mirror. Enhance the impact of the LED lighting by adding a ceiling surrounding back light and to create a wider and more comfortable cabin space.



1. White.
2. Grey.
3. Black.
4. Cream.
5. Yellow.
6. Orange.
7. Chocolate.



Grille



Rocket



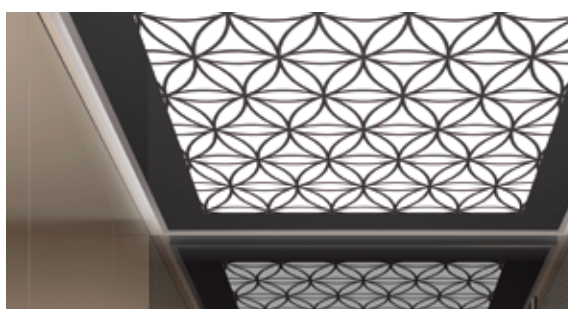
Eclipse



Island



Lightbox large



Water Lily large



Tiffany large


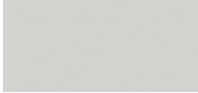
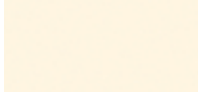















Agrabah large


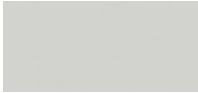


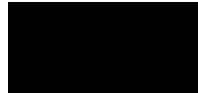














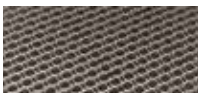



Design. Walls.

A broad palette of colours and materials.

E design line

					
Crystal White LM01S	Folkestone LM02S	Pearl LM03S	Kashmir LM05S	Dark Chocolate LM06S	Maui LM08S
					
Amarena LM09S	Juicy Pink LM10S	Lemon LM11S	Levante LM12S	Dogbone Black LP01	Maxi Mode White LP02
					
Natural Cane LW02	Rattan Cane LW03	Brushed stainless steel ST01	Stainless steel Satin Champagne ST05		

D design line

					
Crystal White GL01	Folkestone GL02	Pearl GL03	Dark Chocolate GL06	Diamond Black GL07	Maui GL08
					
Lemon GL11	Storm GL13	Downtown Marina GP01	Oasis Oyster GP02	Prestige Chambord GP03	Prestige Lürsen GP04
					
Limed Strand LW01	Natural Cane LW02	Rattan Cane LW03	Ebony LW04	Classic Wenge LW06	Concrete LP03
					
Korten LP04	Stainless steel Linen ST02	Stainless steel Checks ST03	Stainless steel Honeycomb ST04	Stainless steel Satin Champagne ST05	

Finish legend:
 LM_S: Laminate plain colours, shiny finish
 LP: Laminate patterns
 LW: Laminate wooden
 ST: Stainless steel
 GL: Glass plain colour
 GP: Glass printed pattern

Design. Details.

What makes the difference.

Handrails

Strong stainless steel handrails provide passengers an enhanced sense of safety. Curved end and a silver or black stainless steel finish to better match your predesigned cabin. Place them on rear or side walls. Sloped fittings are available in the D design line.



Stainless steel Satin Silver
Straight fittings



Stainless steel Satin Black
Straight fittings



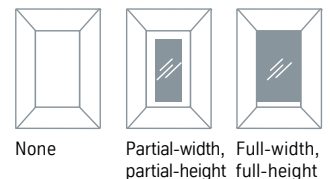
Stainless steel Satin Silver
Sloped fittings



Stainless steel Satin Black
Sloped fittings

Mirrors

Integrated into the rear or side wall (double boarding), mirrors enhance the feeling of space inside the cabin and create appealing ceiling light reflections. Choose the partial-width and partial-height silver safety mirror for the E design line or the full-width and full-height silver / smoked safety mirror for the D design line. The cabin can also be designed without a mirror in the D design line.



Skirting

Even normal elevator use can damage the bottom of walls and flooring edges. The stainless steel skirting provides wall panels with long-lasting, high-quality finishes while complementing the decorative theme with the elegance of steel. Satin Silver, Linen, Champagne or Black stainless steel, available according to your predesigned cabin selection, add the finishing touch.



Stainless steel Satin Silver



Stainless steel Linen



Stainless steel Champagne

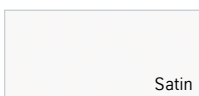


Stainless steel Black

Floors

Discover the wide range of high-quality flooring materials available for synergy 200. Choose from hard-wearing vinyls for basic functional requirements or sintered compact surfaces with the look of stone or marble for a more exclusive design. Lighter colours to enlarge spaces while darker shades enhance your chosen decor. With a choice of satin or polished finishes, you have plenty of options to create the perfect ambience.

Sintered compact



Artic White



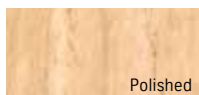
Nero Assoluto



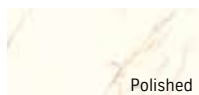
Timber Ash



Timber Ice

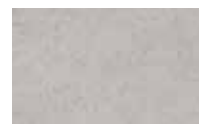


Travertino Navona

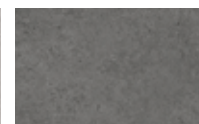


Calcatta

Vinyl



Concrete Light Grey



Concrete Dark Grey



Clic Clair



Clic Carbon



Stone Beige



Tissé Grey



Nature Black

Note: Options, colours and specifications are subject to change. All car decorations and options illustrated in this brochure are representative only. The actual products may vary slightly from the samples of colours and materials shown. Patterned samples not to scale. Consult your thyssenkrupp Elevator sales representative about the cabin designer tool and samples.

Design. Cabin operating panels.

Style to draw attention, quality and usability to fall in love with.



Edge



Alto

E design line

Provide a unique touch of elegance to your elevator with the new cabin operating panels range. Elegant, affordable design in stainless steel or black glass face plate, with a large, integrated, high-resolution TFT display. Dot Button design line with white LED call confirmation and Braille lettering.

Standard

- Integrated TFT 7" display screen
- Overload indicator
- Emergency call system
- Round green frame around main floor push-button according to EN 81-70
- Buttons for door open and close
- Stainless steel push-button face plate

Optionally

- Selective door control for double accesses
- Key switches
- Double-click call cancellation

D design line

Impressive design for a superior ambience. Vertical, full-height designs in stainless steel or black glass face plate, with a large integrated TFT display screen. Steel finish decorative elements provide an ideal complement to the cabin. Dot Button design line with white LED call confirmation and Braille lettering.



Edge high



Alto full height

Standard

- Integrated TFT 7" display
- Overload indicator
- Emergency call system
- Round green frame around main floor push-button acc. EN 81-70
- Buttons for door open and close
- Stainless steel push-button face plate

Optionally

- Selective door control
- Key switches
- Double-click call cancellation
- Courtesy COP LED backlighting



TFT 7"
Decorative fixture
Stainless steel Satin
Champagne



TFT 7"
Decorative fixture
Stainless steel Satin
Black



TFT 7"
Decorative fixture
Stainless steel Satin
Silver



TFT 7"
Decorative fixture
Stainless steel Satin
Champagne

Design. Landing fixtures.

Style to draw attention, quality and usability to fall in love with.

Landing operating panel

Configurable design that is easily adapted to the functional and aesthetic needs of the building. Choose black glass or a stainless face plate finish -Brushed or Satin Champagne- and select the functions: collective up-down calls, key switches for special access, integrated TFT display screen for position and function information, etc. The surface-mounted design makes it easy to place on the landing door frame or landing wall.



LOP 50

Display zone
Push-buttons zone
Key switch zone



LOP 52

Push-buttons zone
Key switch zone



LOP 53

Display zone
Push-buttons zone



LOP 51

Key switch zone



Amazingly easy configuration that provides uniform style for all landings, no matter what the needs of each one are. Plenty of finishes to suit your chosen cabin and give your elevator a unique touch.

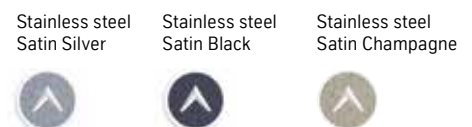
LOP 51

Push-buttons zone



Push-buttons

The brand new DB push-button design line introduces round buttons with white LED lighting for call confirmation. It brings design and usability together with white touch characters and Braille lettering. Available in a variety of stainless steel finishes, the face plate provides the final touch for the perfect cabin.



Landing indicator

Achieve a modern, neutral look with black glass face plate on the landing indicators. Integrated high-resolution TFT 3.5" display screen with easy-to-read white arrows and lettering gives users relevant information while they wait for the elevator.

LID 50

LIP 50



Engineering to the European standards.

EN 81-20 and EN 81-50 European standards for elevators

The EN 81-20 and EN 81-50 standards guarantee compliance with European Lift Directive 2014/33EU, replacing the previous EN 81-1 and EN 81-2 standards to substantially improve the safety, comfort and strength of passenger and freight elevators. These new standards went into effect on September 1, 2017.

To ensure maximum safety for passengers and maintenance personnel, thyssenkrupp had already designed synergy in accordance with the new EN 81-20 and EN 81-50 standards.

These regulations increase passenger and service personnel safety through new or more stringent technical and design requirements. The main aspects include:

Passenger safety

- Increased lighting requirements in car
- More resistant, durable car structure and doors
- Safety glass mirror
- Higher requirements for fire-resistant materials in car interior
- More accurate light curtain to prevent small objects from being trapped
- Wider emergency hatches in car roof

Maintenance personnel safety

- Increased lighting requirements in the shaft
- Enlarged safety spaces within the shaft headroom and pit
- Additional elevator inspection control in pit
- Higher, more stable handrail on car roof
- Stronger counterweight screen in shaft pit

Consult our thyssenkrupp Elevator sales representative for further information.



Technical data.

General data		Legend:	
Usage	Residential and commercial	n°: Passengers	SW: Shaft width
Passengers	4 to 13 passengers	Q: Load	SD: Shaft depth
Load	320 / 450 / 630 / 825 / 1000	CW: Car width	P: Pit
Speed	1.0 / 1.6 / 1.75	CD: Car depth	O: Overhead
Travel height	Up to 60 m	DO: Door opening	SE: Single boarding
Elevator type	Machine room-less / machine room	DW: Door width	DE: Double boarding
Doors	Type: C2 / C4 / L2 / L3; Height: 2,000 - 2,300 mm; Width: 700 - 1,000 mm	Note: Dimensions according to following criteria: self-supporting cabin at 1 m/s and car with sling at 1.6-1.75 m/s. Car height CH=2200 mm; doors on recess and DH=2000 mm. min. shaft width to get min. overhead. The values shown correspond to a generic installation. Optional reduced pit 550 mm and reduced overhead CH+500 mm for self supporting cabin at 1 m/s. For specific cases, consult our thyssenkrupp Elevator sales representative.	
Cabin	2 design lines with 40 predesigned cabins / customized solution		
Fixtures	4 COP options, TFT displays, glass or stainless steel finish		

EN 81-20/50																			
Capacity Passenger n°	Q kg	Car		Door		Shaft 1 m/s				Shaft				1.6 m/s				1.75 m/s	
		CW mm	CD mm	DO mm	DW mm	Min. SW mm	Max. SW mm	Min. SD mm	SE mm	Min. SD mm	DE mm	P mm	O mm	Min. SW mm	Max. SW mm	Min. SD mm	SE mm	P mm	O mm
4	320	850	1000	L2	700	1350	1875	1300	1435	1100	3500	-	-	-	-	-	-	-	-
		900	1000			1400	1925	1300	1435			-	-	-	-	-	-	-	-
6	450*	1000	1200	L2	800	1500	2025	1500	1635	1000	3400	-	-	-	-	-	-	-	-
		950	1300			1450	1975	1600	1735			-	-	-	-	-	-	-	-
		1000	1250			1500	2025	1550	1685			-	-	-	-	-	-	-	-
8	630	1100	1400	L2	800	1600	2125	1700	1835	1000	3400	1630	2160	1700	1835	1325	3620	1430	3750
					900	1600	2125	1700	1835			1630	2160	1700	1835				
				C2	800	1800	2125	1675	1785			1815	2160	1675	1785				
					900	1985	2125	1675	1785			1985	2160	1675	1785				
10	825	1350	1400	L2	900	1875	2405	1700	1835	1000	3400	1910	2440	1700	1835	1325	3620	1430	3750
					1000	1875	2405	1685	1810			1910	2440	1685	1810				
				C2	900	2055	2405	1675	1785			2070	2440	1675	1785				
					1000	2170	2405	1650	1740			2170	2440	1650	1740				
13	1000	1100	2100	L2	900	1625	2155	2400	2535	1000	3400	1660	2190	2400	2535	1325	3620	1430	3750
					1000	1745	2155	2385	2510			1765	2190	2385	2510				
				C2	900	1985	2155	2375	2485			1985	2190	2375	2485				
					1000	2120	2155	2350	2440			2170	2190	2350	2440				
		1400	1600	L2	900	1925	2455	1900	2035			1960	2490	1900	2035				
					1000	1925	2455	1885	2010			1960	2490	1885	2010				
				C2	900	2080	2455	1875	1985			2095	2490	1875	1985				
					1000	2170	2455	1850	1940			2190	2490	1850	1940				
		1600	1400	L2	900	2125	2655	1700	1835			2160	2690	1700	1835				
					1000	2125	2655	1685	1810			2160	2690	1685	1810				
				C2	900	2180	2655	1675	1785			2195	2690	1675	1785				
					1000	2270	2655	1650	1740			2290	2690	1650	1740				

During the planning phase, please consider all applicable regulations stipulated by the relevant notified body and all applicable national regulations.
The information provided is for general planning and reference only. For specific project requirements, please consult our thyssenkrupp Elevator sales representative.

* Capacity of 1000 x 1200 mm cabin is 5 passengers for SE and 6 for DE.

The best of synergy 200 at a glance.

Flexibility with outstanding performance and impressive design.

Performance, innovation and reliability

- Elevator with or without machine room
- Wide application range in loads, speed and height
- Reduced dimensions for shaft, pit and overhead
- Robust design and high-quality materials
- Optimised installation process and efficient maintenance
- Seismic conditions certification to EN 81-77, optional for category 1, 2 and 3

Efficiency

- Gearless machine, high efficiency and low energy consumption
- Control system with frequency control (VVVF)
- Sleep mode for electronic devices
- Efficient and long-lasting LED lighting as standard
- Optional Energy efficiency Class A, according to ISO 25745
- Optional regenerative drive for sustainable working

Comfort and accessibility

- Smooth running
- Silent operation
- Highly versatile solution
- Optional EN 81-70 accessibility code compliance
- Wide range of options ensures the building and passengers requirements can be optimally taken into consideration

Safety

- CE certified product
- Compliant with EN 81-20 and EN 81-50 European regulations
- Further safety performance options, depending on building use
- Remote alarm in compliance with EN 81-28

Design

- Exclusive predefined cabins– to suit different requirements
- The E design line includes 17 predefined cabins and the D design line includes 23 predefined cabins
- Optional customized solutions
- Wide range of materials, colours, ceilings and options
- Brand new cabin and landing operating devices



Your solution partner.

With the highest guarantee of quality and service



Commercial support

Our highly qualified and experienced commercial team will advise you on the best mobility solutions to meet your building and passenger requirements. They will support you throughout the entire process, from preliminary sketches to final delivery and commissioning.



Customised solutions

We provide a wide range of mobility solutions adapted to your specific needs, from functional residential buildings to special buildings. Our engineering teams carefully study each project to find the best technical solution, providing all the technical documentation required for each phase of the construction process.



Professional installation

thyssenkrupp Elevator installation teams undergo continuous training to give you the best installation service. This means less time is needed for elevator installation, while at the same time complying with health and safety standards throughout the whole process.



Maintenance

thyssenkrupp Elevator offers a reliable, high-quality maintenance service thanks to our expertise in elevator technology. Our customised maintenance plans are precisely matched to your needs.



Customer service

A highly qualified team, the most advanced technical resources, an integrated infrastructure and proficient logistics management enable us to offer quick and efficient customer service anywhere. In addition, our extensive network of branch offices brings personal service right to your door. Quality and service centres continuously monitor our product quality and service in a direct, personalised way.

We are thyssenkrupp.

thyssenkrupp Elevator brings together the Group's global activities in the area of passenger transport systems.



Our product range includes passenger and freight elevators, escalators, moving walks and passenger boarding bridges, as well as stair-lifts and platform lifts.

In addition to these systems for the global market, we also provide customised solutions, service, maintenance and modernisation packages adapted to the needs of each customer.

More than 50,000 employees in over 900 locations worldwide constitute a service network close to our customers.

Environmental impact

We minimise our impact on the environment by maximising the efficiency of our processes, rationalising the consumption of materials and using the lowest amount of energy possible.

Mobility solutions

Our goal is to improve accessibility for people and encourage smart urban development.

We help people to get around quickly, safely and comfortably.

Training and development

From executives to engineers, managers and operators, our employees share a common culture of commitment and responsibility towards sustainability. We take great interest in educating all our employees regarding attitudes and knowledge aimed at this objective, further encouraging their professional development.

Commitment to quality

To achieve greater efficiency and control processes as well as possible, we strictly adhere to the major international standards and quality regulations.

Elevator Technology

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