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.
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 fulfills 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 landings 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.

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. It 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.

The design of thyssenkrupp elevators already meets the requirements of the new EN (81-2019) standard governing the safety of passengers and service personnel.

Comfort. Experience the ride.

Safety. Our commitment.
Design.
Style beyond decoration.

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

E design line
- Versatile design to match your requirements
- 17 predesigned 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

D design line
- Stunning design that is guaranteed to impress
- 24 predesigned 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

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.
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 predesigned cabins in a variety of styles.

**E01** - LM01S/LM01S/LM01S

**E02** - LM02S/LM02S/LM02S

Pure

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

Pop Art
These predesigned 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.
Royal
These predesigned cabins meet the highest decorative requirements. Combine the high-quality, luxurious finish of champagne stainless steel with restrained, classic, colours to achieve striking, elegant spaces.

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.
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 predesigned 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.

**Finish legend:**
- Opposite to COP wall / rear wall / COP wall
- D01 - LW06/GL03/LW06
- D02 - LW02/LW02/LW02
- D03 - LW02/GL03/LW06
- D04 - GL01/GL02/LW04
**Downtown**
These predesigned cabins unite tempered glass, bright fresh colours, light wood and fawn finishes to create bold, unconventional spaces.

<table>
<thead>
<tr>
<th>D10</th>
<th>D11</th>
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<tbody>
<tr>
<td>GL01/GL01/GL01</td>
<td>GLO8/GL01/GLO2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>D20</th>
<th>D21</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL13/GL07/GL03</td>
<td>ST03/GL07/ST03</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>D12</th>
<th>D13</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP04/LP03/LP03</td>
<td>GP01/GL01/GL11</td>
</tr>
</tbody>
</table>
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.

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.
Custom fit solutions.

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

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.

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.
Design. Walls.

A broad palette of colours and materials.

E design line
- Crystal White LM01S
- Folkestone LM02S
- Pearl LM05S
- Kashmir LM05S
- Dark Chocolate LM08S
- Maui LM08S
- Maxi Mode White LP02

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 Linen ST02
- Stainless steel Satin Champagne ST03

D design line
- Crystal White GL01
- Folkestone GL02
- Pearl GL05
- Dark Chocolate GL06
- Diamond Black GL07
- Maui GL08
- Prestige Lürsen GP04
- Prestige Chambord GP03
- Classic Wenge LW06
- Concrete LP01

Limon Strand LW01
- Natural Cane LW02
- Rattan Cane LW03
- Ebony LW04
- Stainless steel Honeycomb ST04
- Stainless steel Satin Champagne ST03

Korten LP04
- Stainless steel Checks ST02
- Stainless steel Travertino Navona ST03
- Stainless steel Ceramica ST03

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

What makes the difference.

Flexibility, performance and design

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.

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.

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

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.

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.

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
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.

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.

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.

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**
- Usage: Residential and commercial
- Passengers: 4 to 13 passengers
- Load: 320 / 450 / 630 / 825 / 1000
- Speed: 1.0 / 1.6 / 1.75
- Shafts/height: Up to 60 m
- Elevator type: Machine room-less / machine room
- Doors: Type: C2 / C4 / L2 / L3; Height: 2,000 - 2,300 mm; Width: 700 - 1,000 mm
- Cabin: 2 design lines with 40 predesigned cabins / customized solution
- Fixtures: 4 COP options, TFT displays, glass or stainless steel finish

**Legend:**
- n°: Passengers
- Q: Load (kg)
- CW: Car width (mm)
- CD: Car depth (mm)
- DO: Door opening (mm)
- DW: Door width (mm)
- Min. SW: Minimum shaft width (mm)
- Max. SW: Maximum shaft width (mm)
- Min. SD: Minimum shaft depth (mm)
- Max. SD: Maximum shaft depth (mm)
- P: Pit (mm)
- O: Overhead (mm)
- SE: Single boarding
- DE: Double boarding

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

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**EN B1-20/50**

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<th>Passenger n°</th>
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<th>Car Depth (mm)</th>
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<th>Shaft 1.6 m/s</th>
<th>Shaft 1.75 m/s</th>
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<td></td>
<td>Q</td>
<td>CW</td>
<td>CD</td>
<td>Min. SW</td>
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<td></td>
<td>Q</td>
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<td>Min. SW</td>
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</table>

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.

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.

**Legend:**
- n°: Passengers
- Q: Load
- CW: Car width
- CD: Car depth
- DO: Door opening
- DW: Door width
- SW: Shaft width
- SD: Shaft depth
- SE: Single boarding
- DE: Double boarding

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**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 predesigned cabins - to suit different requirements
- The E design line includes 17 predesigned cabins and the D design line includes 23 predesigned 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.

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

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.