Elevator for office & residential buildings that is visually appealing.

The eco-friendly solution for medium-sized travel heights and average speeds. 450 kg–1000 kg with 1 m/s.
The synergy® blue.

With synergy® blue, thyssenkrupp Elevator offers you an innovative solution for office and residential buildings that operates on the Next Level in terms of energy efficiency, environmental friendliness and environmental protection. This elevator system has been designed to reduce the size of the shaft head by up to 30% and the pit depth by up to 70%, so that synergy® blue can also be easily integrated into existing building structures.

Meeting your demands in design and technology, synergy® blue unites two apparently opposing worlds – without making any compromises. The result is a new, intelligent generation of elevators with a brand new cabin design concept that leads to a win-win-win-situation – for the passengers, the building owner and everyone who cares about the environment and design.
Your benefits.

For those who are yet to experience synergy® blue.

**Easy integration**
- Ideal use of space (-30%/-70% shaft head and pit)
- Space-saving solution for your building with low construction costs

**Energy regeneration**
- Saving almost 40%* energy and costs during travelling
- Distribution of the regenerated energy within the building

**Power management**
- Standby functions save energy and costs up to 86%**
- Reduced CO₂ emission
- Longer service life of components

**Absolute positioning device**
- Accurate position measurement to prevent trip hazard
- No recalibration required after a power failure

**Elevator operation and control system**
- Connected to internet: fast response time and optimal service communication
- Learning function to reduce empty trips and maximise efficiency

* Compared MRL with/without RPI
** Compared to conventional elevator
Design philosophy
• Broad design range to reflect interior architectural tendencies, elegance and ambiances
• Bi-materials and bi-colours open up a large number of possible cabin variations

Accessibility
• Accurate positioning
• bright environment (100 lux at the floor)
• Bi-colour to distinguish cabin elements

Design³
• Bi-colour effect technology
  • Large choice of combinations thanks to the vast range of materials and colours
  • Modular concept enables high customisation

• Environmental effect technology
  • One cabin made with 100% recyclable components
  • LED lighting, energy recovering and power management as a standard

• Light effect technology
  • RGB LED enables to create an individual atmosphere
  • Combined with e.cor® blue, different moods can be realised according to the flooring or the building environment

Accessibility
• Accurate positioning
• Bright environment (100 lux at the floor)
• Bi-colour to distinguish cabin elements
Design philosophy.

Beauty comes from within.

- Unique selection of richly contrasting colours and materials
- Modular bi-colour and bi-material system for ideal combinations
- Exciting mix of traditional and modern elements
- False ceilings open up new possibilities for lighting
- Variable RGB LED lighting effects create unique ambience and atmosphere

Our cabin designs: perfect, right down to the smallest detail.
An elevator says so much about your building. That is why it is important that the high demands we place on our systems not only apply to the technology, but also to the design. The cabin plays a very central role here. synergy® blue allows you to perfectly adapt your elevator to your vision of what an elevator should be in terms of both technology and design.

synergy® blue will thrill you with its holistic, innovative design concept. With three flexible design styles, it offers a very wide range of design options with respect to colour, form, material and their combinations. The unique blue bi-colour design, created by a renowned design team, was developed especially for integration with modern architecture.

Sustainable efficiency.
synergy® blue also offers a dedicated ecological model that effectively integrates environmental protection into your building, using highly durable and 100% recyclable materials such as stainless steel panels, PVC flooring made out of organic raw materials, innovative e.cor controls and energy-saving LED lighting.
style selection.

A cabin that leaves nothing behind but good impressions.

- Multiplicity of materials and colours for freedom of design
- Style variations by using both neutral and distinctive décor options
- Expressive materials in long-lasting quality
- Clear lines and clearly defined lighting

The style selection adapts to your preferences and the style of your building. Through the bi-colour and bi-material effects, different materials and colours can be combined to create fresh designs that fit perfectly into the surroundings, regardless of the architecture. There are no limits to what your creativity can do.
chic selection.

Designed to make every day special.

- Wide choice of materials and colours for a high freedom of design
- Unique atmosphere through the use of indirect lighting
- Emotive colour and light effects through RGB LED

The chic selection impresses with its use of modern colours, an appealing mix of materials and unique lighting possibilities. Indirect LEDs in the ceiling, in the skirtings and around the operating panel give the interior of the cabin a very artistic feel. The interplay of warm and cold colours with the surface textures produces a very attractive effect and harmonic contrasts. Exciting accents can be created with the RGB lighting.

elegant selection.

The most eye-catching feature? Exceedingly good taste.

- Fascinating blend of traditional and modern elements
- A feeling of exclusivity and a cabin with a high-class look
- Mood lighting through indirect lights
Technology.

The ultimate in efficiency – from top to bottom.

- Durable, future-proof components
- Reliable, high-performance, low-maintenance systems
- Intelligent technologies that merge energy efficiency and ecological responsibility
- Space-saving, flexible construction

Elevator technology from thyssenkrupp Elevator: outstanding on every level.
The technical demands we place on our systems are enormous. We see the name thyssenkrupp Elevator as a byword for quality, comfort, efficiency, reliability and safety. In addition to our many years of experience in the development and construction of elevators, we also put a bit of the future into each and every one of our systems. Our future-orientated technologies enable the sustainable use of our environment and our resources – without having to make any compromises.

synergy® blue stands for optimised energy consumption, reduced heat and CO₂ emissions and low operating costs. The low wear and tear of our long-life components and our intelligent e.cor® blue controller, with features such as the automatic standby and energy recovery, are all examples of how these systems strive for economic and ecological sustainability.
A controller that has a lot more to offer than just controlling.

- Intelligent energy and cost saving controller
- Increased availability through preventative maintenance
- Software-based solution enables a variety of options
- Minimal wear and tear due to electronic components

**e.cor® blue sets new standards at nearly all points.**

The intelligent e.cor® blue controller is the core element of synergy® blue and provides many benefits. The most significant one: energy and cost savings are programmed right into the system. By using energy recovery when the cabin is descending, or the elevator is braking, e.cor® blue puts energy back into the system to be used for other functions such as air conditioning, lighting, etc.

As a software-based solution, e.cor® blue guarantees great operating security. Rare problems with the elevator are detected long before they can result in any kind of malfunction. e.cor® blue informs you about the current status of your elevator and reminds you when the next maintenance check is due. This increases the overall reliability of the equipment.
Convenient ride comfort at the touch of a button is a given with e.cor® blue. 
e.cor® blue adjusts to the way the elevator is used and thereby allows a minimum in waiting 
and travel time. By automatically shifting into high-speed mode during periods of heavy use, 
and then into eco mode when the elevator is only being used infrequently, the system makes 
optimal use of quiet and busy phases. In standby mode, e.cor® blue turns off all unnecessary 
components – except the landing call button. And once you push it, gentle acceleration and 
braking, as well as a modern door-closing mechanism, ensure smooth travel with the 
emphasis on comfort.

Stepping into the future, whichever floor you get out on.

• Autonomous learning function for maximum efficiency
• Intelligent standby mode
• Excellent ride comfort
• Absolute positioning device for improved floor levelling accuracy
Important for elevators, too: the perfect balance of mind, body and soul.

- Fast response times thanks to online access
- Useful functions such as service reminder
- Application-specific programming

**e.cor® blue is both an elevator control unit and a communication centre.**

With an internet connection to all relevant operating data, e.cor® blue is always up-to-date. That means the fastest possible response times and optimal service. Software updates can simply be downloaded and installed. Set up for comprehensive servicing, e.cor® blue puts safety first.

**Redefined user-friendliness: for the passengers and the building owner.**

The LCD display features symbols to show when the elevator is in eco- or high-speed-mode, or regenerating electricity. Additionally, there is audio functionality for even greater user-friendliness and a more pleasant trip. Even elements such as lighting or displays can be individually programmed – e.cor® blue controls everything just the way you want it.
Sustainability.

While creating e.cor® blue we mainly thought of one thing: the next generation.

- Energy efficiency class a VDI 4707 with customer installations, not just test environments
- Environmentally-friendly technology
- Future oriented technologies for sustainable energy efficiency

Energy efficiency class

According to guidelines VDI 4707 ‘Elevator Energy Efficiency’

e.cor® blue is gentle on your budget and on the environment.

With e.cor® blue begins a new era of elevator technology in which efficiency and environment protection unite. In times when everyone is talking about reducing CO₂ emissions and adopting a more conscientious attitude towards resources, you can give a crucial boost to an energy-efficient future with e.cor® blue. Valuable energy isn’t wasted anymore – and also the controller itself has been designed with a sustainable life cycle in mind. e.cor® blue – green light for economy and ecology.