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DIVERSITY IN EXPERTISE
While many can deliver quality, very few can deliver quality combined with diversity. Whether it’s elevators, escalators, moving walks, passenger boarding bridges or stair lifts, thyssenkrupp Elevator can offer you comprehensive solutions that boast efficiency, intelligence and an innovative spirit.

FOCUS ON PEOPLE
We’re not only product specialists, but also specialise in providing our customers with highly tailored, seamless advice. From planning to maintenance, we can offer you quick, reliable, personal and comprehensive support.

FASCINATION OF PROGRESS
Our products feature numerous innovative technologies that save a great deal of energy, without compromising on comfort or performance. Day after day, we continue to further develop our portfolio and optimise it in line with the latest findings and standards – for a future that's even more energy-efficient and worth living.

Build on true quality. Made by thyssenkrupp.
Exceeding expectations:
our new, highly efficient systems.

Our product portfolio is just as diverse as the buildings in which our systems are used.
Innovative ideas, efficient and high-performance technologies, international experience and trendsetting design ensure that we’re able to provide you with the ideal solutions regardless of the type of building – and, of course, always perfectly tailored to your specific requirements. Take a closer look at our products.
With our innovations, we’re changing the elevator industry around the world.
Higher and higher. And faster and faster.

**TEST TOWER**

- **246-METRE RESEARCH AND DEVELOPMENT TOWER**
- **FASTER DEVELOPMENT OF NEW ELEVATOR SOLUTIONS**
- **DESIGNED BY HELMUT JAHN AND WERNER SOBEK**

In 2014, we laid the foundation for the development of new elevator solutions in the form of the test tower, which is unique around the world. The 246-metre structure has been designed to test and certify high-speed elevators.

With nine test shafts and speeds of up to 18 m/s, the tower offers brand-new opportunities for solving future challenges and therefore represents a cutting-edge innovation hub for elevator technology.

**HEAT MANAGEMENT**

The heat generated by devices is stored in an air cell and, from there, fed by heat exchangers back into rooms that require heating.

**ENERGY RECOVERY**

In certain loading conditions, the installed traction elevators operate in generator mode and can generate electricity when in motion.

**VIEWING PLATFORM**

At 232 metres, Germany’s highest public viewing platform offers visitors a 360-degree view as far as the Swabian Jura and, when conditions are ideal, as far as the Swiss Alps.

**ELEVATOR SHAFTS**

In a total of nine test shafts, elevator solutions with top speeds of up to 18 m/s can be tested and certified here.

**DEFLECTION**

A tuned mass damper is installed to minimise tower deflection caused by wind. The mass damper has made it possible to reduce the original tower movements from up to 76 centimetres in all directions to below 15 centimetres.

But it’s the system’s secondary function that’s so groundbreaking: thanks to the active pendulum, the thyssenkrupp Elevator design engineers can test elevator systems in realistic conditions.

An intelligent mechanism was thus developed to artificially reproduce realistic oscillations – even when there’s no wind.

**CONSTRUCTION AT AN IMPRESSIVE SPEED.**

At 3.6 metres a day, the tower is growing three times as fast as a bamboo plant in ideal conditions.

**A PROJECT WITH DEPTH.**

By the end of the project, 30,000 m³ of excavated material will have been moved, which is equivalent to the weight of 60 million filled water bottles.

**BIG IDEAS NEED PLENTY OF SPACE.**

Measuring 10,000 m², the plot could hold around 50 tennis courts.

**IMPRESSIVE HEAVYWEIGHT.**

Once it’s finished, the tower will weigh 40,000 tonnes, which is equivalent to around 8,000 African elephants.

**HIGHER THAN ALL THE OTHERS.**

At 232 metres, Germany’s highest public visitor platform is more than 80 metres higher than the top of the Stuttgart TV tower and offers a spectacular panoramic view.
Trendsetting.
For the entire industry.

MULTI®

- Horizontally and vertically moving elevator
- Completion of a prototype: 2019
- +30% transport capacity
- Initial test in the research and development tower in early 2017

MULTI® is ringing in a new era of elevator technology and revolutionising building construction all over the world. With the possibility of vertical and horizontal transport technology, architects can be more creative and design buildings to be higher and more user-friendly.

This will lead to a whole new level of efficiency: numerous cabins in a single shaft mean passengers never have to wait more than 15 to 30 seconds for an elevator. Less space is required, transport capacity is increased significantly, and a great deal of energy is saved.

Fast and safe.
Regardless of the destination.

ACCEL®

- Speed up to 2 m/s
- Unique overlapping pallet concept
- Much shorter waiting times

Longer, faster, more efficient – the ACCEL® transport solution has managed to increase urban mobility to a new level. With a total length of up to 1,500 metres and top speeds of 3.3 m/s, up to 30% more passengers can be transported than with conventional moving walks.

That’s equivalent to 7,300 people in just an hour of constant use. Particularly in high-traffic areas such as metro stations, railway stations and airports, this prevents long waiting times and increases convenience significantly.
Predictive. Next-generation service.

- MAXIMUM AVAILABILITY AND RELIABILITY THANKS TO IOT
- LONGER SERVICE LIFE
- HIGHER EFFICIENCY IN BUILDINGS AND TRANSPORT STRUCTURES

Thanks to MAX, both elevator operators and passengers benefit from greater reliability and save time. That’s because MAX, the cloud-based predictive maintenance solution, identifies maintenance issues before they even occur.

MAX uses Microsoft Azure IoT services to collect data from the networked elevators in real time and, based on algorithms, calculates the remaining service life of key systems and components. Information such as operating speed, capacity and door mechanisms is transmitted via the cloud, so that service technicians can maintain an overview of the current situation of the elevator at all times.

MAX facilitates predictive, efficient maintenance on behalf of thyssenkrupp technicians and engineers. Building owners are informed in advance, allowing them to have systems and components repaired or replaced early on. This in turn makes it easier to plan maintenance work and reduces elevator downtime by up to 50%. For passengers, that means less stress, greater convenience and more time for what’s important.

*MAX is currently not available in the UK & Ireland.
Our new systems are second to none, from the whole package down to the smallest detail.
Functional. Efficient.

SYNERGY ELEMENT

- COMPACT, FUNCTIONAL DESIGN
- MODERN SYNCHRONOUS GEARLESS DRIVE
- HIGH-QUALITY MATERIALS

SIMPLE AND FUNCTIONAL.

synergy element is the thyssenkrupp ideal solution designed for residential buildings with functional elevator needs.

Featuring a pure, timeless design, optimised manufacturing process and efficient installation, the element package is our most competitive price-performance option.

| Max. travel height m: | 100, 150, 200 |
| Load kg: | 450, 630 |
| Max. number of stops: | 5 |
| Speed m/s: | 1.0 |
| Machine room: | without |
| Cabin dimensions: | fixed |
| Application: | Residential building, Office building, Shopping, Hotel, Hotel, Vehicle, High-rise building, Hospital, Production, Transport |

LEGEND: Residential building, Office building, Hotel, Shopping, Hotel, Vehicle, High-rise building, Hospital, Production, Transport
Flexibility with outstanding performance.

SYNERGY

ESSENCE & EXCELLENCE

EXCEPTIONAL ACROSS THE BOARD.
synergy 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 features a cutting-edge decor concept that offers you enormous flexibility in cabin design. These are elevators that will meet the needs of your building and exceed passenger expectations in genuine style.

- MODERN SYNCHRONOUS GEARLESS DRIVE
- COMPACT: REDUCED HEADROOM AND PIT AVAILABLE*
- INDIVIDUAL DESIGN OPTIONS

Max. travel height m:

Load kg: 320, 450, 630, 825, 1,000

Max. number of stops: 1, 2, 3, 4, 5

Speed m/s: 1.0/1.6/1.75

Machine room: without

Cabin dimensions: fixed

Application: Residential building, Office building, Hotel, Shopping, Airport, Express elevators, Hospital, Production, Public building, Transport

*subject to approval of derogations and notified body.
Requires minimal space and provides efficient access to each destination.

SYNERGY® BLUE

- SIMPLE INTEGRATION THANKS TO FLEXIBLE CONSTRUCTION
- VARIED DESIGN
- ROBUST, FUTURE-PROOF COMPONENTS
- CABIN DESIGN WITH MORE VARIANTS AND MORE OPTIONS FOR A GREATER RANGE OF REQUIREMENTS

ATTRACTION AND ENERGY-EFFICIENT.

synergy® BLUE not only fulfils the highest design standards, but also minimises costs and energy consumption thanks to energy recovery.

With a shaft head that’s up to 30% lower and a pit that’s up to 70% smaller, the passenger elevator without machine room is suitable for new buildings and old buildings with limited space in particular.

Max. travel height m: 100
Load kg: 450, 630, 1,000
Max. number of stops: 8
Speed m/s: 1.0
Machine room: without
Cabin dimensions: fixed
Application: Residential building, Office building, Hotel, Shopping, Airport, Express elevators, High-rise building, Hospital, Production, Public building, Transport

*Model information in accordance with EN 81-20/50: the rated load for dual entrance is identical to the rated load for single entrance; travel height ≤ 40m; available from 10/2016.

Carefree living. Just the way you want it.

EVOLUTION® BLUE

- CABIN DESIGN WITH MIX-AND-MATCH COMPONENTS
- INTELLIGENT TECHNOLOGIES THAT BENEFIT BOTH THE ENVIRONMENT AND THE BUDGET
- ADJUSTMENT DOWN TO THE MILLIMETRE FOR INSTALLATION IN YOUR SHAFT
- EXCEPTIONAL QUALITY AND HIGH COMFORT
- HIGH TRANSPORT CAPACITY
- MINIMAL ENERGY AND OPERATING COSTS

MULTIFACETED AND EFFICIENT.

EVOLUTION® BLUE is considered to be the next-generation elevator for all exceptional buildings and specific customer desires, thanks to the unique combination of excellent technology, premium design and very high sustainability.

This passenger elevator boasts fascinating details such as its easy-to-adapt bi-colour/bi-material design, intelligent control and its individually adjustable Comfortlight.

It also offers very quiet operation and can be adjusted down to the millimetre for installation in the existing shaft.

Max. travel height m: 160
Load kg: 320–4,000
Max. number of stops: 10
Speed m/s: 1.0/1.6/2.0/2.5
Machine room: without
Cabin dimensions: variable in increments of one millimetre
Application: Residential building, Office building, Hotel, Shopping, Airport, Express elevators, High-rise building, Hospital, Production, Public building, Transport

LEGEND: Residential building, Office building, Hotel, Shopping, Airport, Express elevators, High-rise building, Hospital, Production, Public building, Transport

*Model information in accordance with EN 81-20/50: the rated load for dual entrance is identical to the rated load for single entrance; travel height ≤ 40m; available from 10/2016.
Two cabins, one shaft.
No waiting times.

COUPL
- EXPRESS ELEVATOR WITH DOUBLE CABIN
- MAXIMUM TRANSPORT CAPACITY
- EFFICIENT DRIVE TECHNOLOGY
- INDIVIDUAL CABIN DESIGN

Max. travel height m: 500
Load kg: 1,250 – 2,000
Max. number of stops: 40
Speed m/s: < 10.0
Machine room: with
Cabin dimensions: variable
Application:

SONIC
- PASSENGER ELEVATOR WITH HIGH-PERFORMANCE DRIVE FOR TALL BUILDINGS
- OPTIMAL WITH AERODYNAMIC CABIN WALL PANELS
- CUSTOMER-SPECIFIC CABIN DESIGN
- EXCEPTIONAL COMFORT
- CAN BE COMBINED WITH TWIN®

Max. travel height m: 500
Load kg: 800 – 2,000
Max. number of stops: 50
Speed m/s: 10.0
Machine room: with
Cabin dimensions: variable
Application:

TWIN®
- HIGHLY EFFICIENT, INTELLIGENT ELEVATOR SYSTEM WITH TWO INDEPENDENT CABINS IN A SINGLE SHAFT
- EXCEPTIONAL COMFORT THANKS TO FOUR-STAGE SAFETY SYSTEM
- INDIVIDUAL DESIGN OPTION
- MODERN DESTINATION SELECTION CONTROL
- OPTIONAL PANORAMA MODEL

TWICE AS GOOD.
This unique elevator system facilitates brand-new transport concepts. That’s because TWIN® is the first elevator system with two independent cabins in a single shaft – with the same transport capacity and space savings of 25%.

The two TWIN® elevator cabins operate on the same guide rails, one above the other, meaning TWIN® can transport up to 40% more passengers, regardless of whether it’s in a new or updated building.

Max. travel height m: 500
Load kg: 1,000 – 1,800
Max. number of stops: 30
Speed m/s: < 7.0
Machine room: with
Cabin dimensions: variable
Application:

You can find more information about TWIN here:
www.twin.thyssenkrupp-elevator.com
Exceptional times two. Always one of a kind.

- PASSENGER ELEVATOR FOR INDIVIDUAL DEMANDS
- INFINITELY ADJUSTABLE DESIGN
- VARIABLE TECHNOLOGY DOWN TO THE SMALLEST DETAIL
- EXCEPTIONAL COMFORT
- ALSO AVAILABLE AS PANORAMA ELEVATOR OR IN COMBINATION WITH TWIN®
- OPTIONAL DESTINATION SELECTION CONTROL (DSC)

The pinnacle of efficiency. Experience it for yourself.

- USEFUL FUNCTIONS SUCH AS MAINTENANCE REMINDERS
- APPLICATION-SPECIFIC PROGRAMMING
- HIGH AVAILABILITY THANKS TO PREVENTIVE MAINTENANCE

EFFICIENT AND SUSTAINABLE.
The intelligent E.COR® BLUE elevator controller switches the elevator into the appropriate operation mode as required, thus allowing energy to be fed back into the supply grid during operation. Thanks to constant online access to all relevant elevator data, the causes of malfunctions can be identified and remedied in no time. For you as an operator, that means fast response times, optimal service communication and high availability of your system.

Intelligent and innovative technologies play an important role in ensuring an energy-efficient future, whilst saving energy and money. And it doesn’t stop there: depending on the direction of travel, load and braking procedure, energy recovery allows you to actively feed energy back into the grid. So you can always have a clear conscience.

COMPACT, TRIED AND TESTED.
E.COR® is a high-performance control system for the next generation of elevators. The extremely compact circuit board increases functionality, safety and the comfort of your system, whilst exceptional value for money makes E.COR® a well worthwhile and all-round proven solution for all types of residential buildings and office blocks.
VELINO
- DEPARTMENT STORE ESCALATOR WITH INDIVIDUAL BI-COLOUR DESIGNS AND LED LIGHTING
- INNOVATIVE ENERGY-SAVING AND ENERGY RECOVERY SYSTEMS
- EXCEPTIONALLY QUIET
- ECO STEP CHAIN WITH LUBRICATION

TUGELA
- HEAVY DUTY ESCALATOR FOR HIGH TRAFFIC AREAS.
- WEATHER-RESISTANT MATERIALS
- INNOVATIVE COST AND ENERGY-SAVING SYSTEMS
- INTEGRATED SAFETY SENSORS

VICTORIA
- EXTRA HEAVY DUTY HIGH PERFORMANCE ESCALATOR FOR MAXIMUM AVAILABILITY AND EXTREME TRAVEL HEIGHTS.
- ENERGY-SAVING SOLUTIONS
- COMPREHENSIVE SAFETY SYSTEM
- ROBUST WEATHER PACKAGES FOR HIGH DURABILITY

The highest level of comfort from A to B.

Superior transport capacity. Regardless of weather.
ORINOCO

- MOVING WALK FOR LONGER ROUTES
- INCLINED OR HORIZONTAL
- MAXIMUM AVAILABILITY
- ENERGY-SAVING, DURABLE AND QUIET

**IWALK°**

- MODULAR MOVING WALK SYSTEM
- EASY TO INSTALL AND ADAPTABLE
- CAN BE INSTALLED SUBSEQUENTLY
- EFFICIENT THANKS TO ENERGY RECOVERY

More comfortable on the go. Faster access to destinations.
Innovative transport solutions that reach for the sky.

We maintain an overview. And have an eye for detail.

**PLANNING AND PROJECT MANAGEMENT**

- Professional, personal advice in all phases
- Comprehensive experience with large projects
- Sound installation expertise

**PRECISE AND SERVICE-ORIENTED.**
We see ourselves as a partner to our customers, so our project management is correspondingly solution-oriented, reliable and forward-looking. From advice with potential traffic calculation to installation and preventive servicing, there’s an entire team of specialists responsible for each of our projects, available at all times to provide our customers with their bundled expertise. Our production facilities in Europe also ensure short distances and exceptionally fast delivery of spare parts. The sooner we get involved in a project, the more successful and seamless implementation is – and this applies to all our projects.

**LEED AND BREEAM**

- Certification system for optimal building comparison
- Increased well-being inside the building
- Energy-efficient and sustainable systems

**CONVENIENT AND INTELLIGENT.**
Eco-friendly solutions are required to fulfil the high sustainability requirements of international certification standards such as LEED and BREEAM.

We already offer our customers an extensive product portfolio of forward-looking innovations which allow us to significantly reduce energy consumption without compromising on performance, design or safety. They also increase well-being inside the building with great success: more than 350 buildings featuring ThyssenKrupp Elevator passenger transportation systems have been LEED-certified to date.

**HIGH-RISE**

**OUTSTANDING AND INNOVATIVE.**
We also offer optimal transport solutions for the world’s tallest buildings, incorporating specific design requirements that reflect the building architecture and your very own style. Take for instance One World Trade Center, where thyssenkrupp installed 71 elevators and twelve escalators. At 453 tonnes, the elevator counterweights weigh more than twice the Statue of Liberty. High-rise projects are rarely comparable with average building developments. They not only demand a very high degree of flexibility and commitment, but often also sound knowledge of the local situation.

Our international high-rise project teams are therefore always managed by a local project manager, who carefully coordinates all the project stages with you and ensures that everything goes according to plan.
We give you the ‘more than satisfied’ feeling.

TAILORED SERVICES, REGARDLESS OF MANUFACTURER.
We have a network of branches across the UK and Ireland delivering a world class service from a Global organisation, with the benefit of a local approach. Our International Technical Services team of highly skilled technicians specialise in third party equipment.

This enables our field engineers to maintain and repair all makes of elevators, including training and onsite support.

MODERNISATION
Even elevator systems get long in the tooth and, sooner or later, operators face the challenge of modernisation, whether it’s about increasing transport capacity or convenience, reducing energy costs or adapting the design following building renovation.

But it’s more than just that: with thyssenkrupp Elevator, you have a reliable partner to help you achieve and, as a rule, even exceed your aims without any detours along the way – as a 360 degree complete solution or step by step, as you see fit.
RESPONSIBLE AND INNOVATIVE.
When it comes to designing our products, we focus on achieving the perfect balance – one that benefits you and the environment across the board. This is made possible, in part, by the high-quality materials we use, which tend to be up to 100% recyclable. The combination of cutting-edge components and technologies also facilitates an energy balance which is superior to that of conventional systems.

In addition to minimising operating and maintenance costs, our systems also help you to obtain valuable building certificates such as LEED and BREEAM. Make a statement and set new benchmarks in passenger transportation systems – for a great feeling every day. We would be happy to advise you on energy-efficiency audits provided by neutral organisations.

SAFETY
- COMPLIANCE WITH CURRENT REGULATIONS
- REGULAR CHECKS AND TECHNOLOGY UPDATES
- HEALTH AND SAFETY

RESPONSIBILITY
SUSTAINABILITY
- ONE CONTACT REPRESENTATIVE PER PROJECT AND CUSTOMER
- PROFESSIONAL ADVICE IN ALL PHASES
- PRECISE TIME MANAGEMENT
- SERVICE-ORIENTED PROCESSES

SEAMLESS AND RELIABLE.
Safety is the top priority when it comes to elevators and escalators. Current safety regulations therefore need to be fulfilled at the very least, a task that requires expertise and responsibility.