

### **Groundbreaking MULTI system by thyssenkrupp Elevator is named to TIME's prestigious "25 Best Inventions of 2017"**

- TIME magazine today named thyssenkrupp Elevator's new MULTI elevator system to its annual list of "25 Best Inventions" of the year
- The influential list identifies the year's inventions with the greatest potential to make the world better, smarter and/or more enjoyable
- MULTI is the world's first rope-less and sideways-moving elevator system, and promises unprecedented new design possibilities and building efficiencies for the cities of tomorrow



Respected global news source TIME Magazine today named the MULTI elevator system by thyssenkrupp Elevator as one of its "25 Best Inventions of 2017". The annual list spotlights the year's inventions judged to offer the most potential to make the world better, smarter, and/or more enjoyable. Unveiled in June, MULTI is the first elevator ever to be able to move both horizontally and vertically, due to its revolutionary rope-less technology. The new invention offers dramatically expanded design and construction possibilities for architects, builders and urban planners.



TIME's release of its "25 Best Inventions" list is a widely anticipated annual event. The list includes the most innovative, interesting, and promising inventions of the year. The range of these extends from space stations to children's toys, and has in the past included such breakthrough products as solar roofing panels, a desktop DNA lab, a Virtual Reality (VR) headset, multi-directional tires, a consumer-grade drone, an artificial pancreas, and a vitamin-rich orange-fleshed sweet potato.

MULTI was chosen to be one of the "25 best Inventions of 2017" because of its unique cable-free technology and what it means for buildings. MULTI requires fewer and smaller shafts than conventional elevators and can increase a building's usable area by up to 25%, representing extra revenues from the additional rentable/leasable space. This is particularly important considering that current elevator-escalator footprints can occupy up to 40% of a high-rise building's floor space.

Commenting on this distinguished recognition, thyssenkrupp Elevator CEO Andreas Schierenbeck says: "We believe MULTI is a genuine game-changer that will truly transform the way people move, work and live in our built environment. It will reduce waiting times for passengers and offer building developers more free floor space for additional revenues. MULTI is a key offering that truly represents a landmark revolution in the elevator industry."

Instead of one cabin per shaft moving up and down, MULTI offers multiple cabins operating in loop, much like a metro system inside a building. This results in a higher transport capacity – up to 50% – as well as reduced waiting times for passengers.

MULTI also requires dramatically lower peak power – reducing that by as much as 60% when compared to conventional elevator systems. This allows for better management of a building’s energy needs, and reduces investment costs in the power supply infrastructure.

MULTI made its global debut as a fully functional unit on 22 June 2017 at the new, purpose-built 246-meter innovation test tower in Rottweil, Germany, home of the thyssenkrupp Elevator Research & Development Center. With 12 test shafts and travel speeds of up to 18 meters per second, the tower offers unprecedented possibilities to meet the challenges ahead for the buildings and cities of the future. Moving beyond Rottweil, MULTI will make its first commercial home in Berlin, at the East Side Tower: OVG Real Estate’s new flagship project.

The inclusion of MULTI as one of TIME’s “25 Best Inventions of 2017” is another indication of thyssenkrupp’s current leadership in creatively transforming the elevator industry and offering new possibilities and solutions for buildings and city planning. As cities continue to grow – and as buildings get larger and taller – planners and architects face significant challenges in moving people quickly and comfortably to their destinations. thyssenkrupp Elevator is proud that MULTI is one of the “25 Best Inventions of 2017”. We accept it as further evidence that we are on the right track in our efforts to make cities the best places to live.



#### **TIME Magazine Reporting**

<http://time.com/5023212/best-inventions-of-2017/>

#### **Cover TIME Magazine**

<https://timedotcom.files.wordpress.com/2017/11/best-invent-cover.jpg>

#### **MULTI Press images – Download links (please credit “thyssenkrupp”)**

- CEO Andreas Schierenbeck with MULTI

[https://transfer.thyssenkrupp.info/public/c48119w\\_f1a011cd7024f268e25fe7](https://transfer.thyssenkrupp.info/public/c48119w_f1a011cd7024f268e25fe7)

- Key visual (Reimagining building design):

[https://transfer.thyssenkrupp.info/public/q41904x\\_f88e2afa75097a900336d8/](https://transfer.thyssenkrupp.info/public/q41904x_f88e2afa75097a900336d8/)

- MULTI in operation at the test tower:

[https://transfer.thyssenkrupp.info/public/t45011z\\_2d3201051ad04ac2a9a96c/](https://transfer.thyssenkrupp.info/public/t45011z_2d3201051ad04ac2a9a96c/)

MULTI Graphics:

[https://transfer.thyssenkrupp.info/public/i50214b\\_3ace8f828a6fa013ea4e50/](https://transfer.thyssenkrupp.info/public/i50214b_3ace8f828a6fa013ea4e50/)

## MULTI Videos - Download links

- MULTI Video:

[https://transfer.thyssenkrupp.info/public/c43122d\\_f1ab7cbb57135ff19b440d/](https://transfer.thyssenkrupp.info/public/c43122d_f1ab7cbb57135ff19b440d/)

- MULTI Rendering Video - Reimagining building design:

[https://transfer.thyssenkrupp.info/public/t43124z\\_ac4d2464b9dc373d2d17bf/](https://transfer.thyssenkrupp.info/public/t43124z_ac4d2464b9dc373d2d17bf/)

About us:

thyssenkrupp Elevator

thyssenkrupp Elevator brings together the Group's global activities in passenger transportation systems. With sales of 7.5 billion euros in fiscal 2015/2016 and customers in 150 countries, thyssenkrupp Elevator built its position as one of the world's leading elevator companies from scratch in a mere 40 years' time applying thyssenkrupp unique engineering capabilities. With more than 50,000 highly skilled employees, the company offers smart and innovative products and services designed to meet customers' individual requirements. The portfolio includes passenger and freight elevators, escalators and moving walks, passenger boarding bridges, stair and platform lifts as well as tailored service solutions for all products. Over 900 locations around the world provide an extensive sales and service network to guarantee closeness to customers.

thyssenkrupp

thyssenkrupp is a diversified industrial group with traditional strengths in materials and a growing share of capital goods and services businesses. Around 156,000 employees in nearly 80 countries work with passion and technological expertise to develop high-quality products and intelligent industrial processes and services for sustainable progress. Their skills and commitment are the basis of our success. In fiscal year 2015/2016 thyssenkrupp generated sales of around €39 billion.

Together with our customers we develop competitive solutions for the challenges of the future in the areas Mechanical, Plant and Materials. With our engineering expertise we enable our customers to gain an edge in the global market and manufacture innovative products in a cost- and resource-friendly way. For us, technical progress and innovations, allied with the combined strength of the Group, are key factors enabling us to meet current and future customer and market requirements around the world, grow on the markets of the future, and generate strong and stable earnings, cash flows and value growth.

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