

## PRESS RELEASE

### TK Elevator presents ropeless MULTI mobility solution at German Pavilion of Expo 2020 Dubai

- Revolutionary elevator system creates new options for architects and building operators.
- At Expo 2020 Dubai, TK Elevator presents its capabilities at one of the world's hotspots regarding business and urban development.
- MULTI requires less floor space while offering a significantly higher transport capacity and versatility.

Düsseldorf, July 20<sup>th</sup>, 2021 – TK Elevator, is taking part in this year's Expo 2020 Dubai starting on October 1<sup>st</sup>, 2021. The innovative and pioneering ropeless elevator system MULTI was selected as one of the lighthouse projects to be presented at the German Pavilion 'CAMPUS GERMANY' by the Pavilion Consortium.

From October 2021 to March 31<sup>st</sup>, 2022, more than 190 countries will seize the chance to present their most sophisticated technologies at the Expo 2020.

MULTI changes the way people move inside buildings and unlocks attractive new perspectives for planners, architects, and operators. The solution for high-rise buildings requires fewer and smaller shafts and hence increases the proportion of usable space significantly. Since current elevator systems usually occupy up to 40 percent of the building's floor space, MULTI is a true gamechanger.

The solution uses linear motors to move the cabins and needs no ropes at all. MULTI can move vertically as well as horizontally. There are multiple cabins per shaft, which offers a significant higher shaft utilization and reduced waiting times for passengers. With its top speed of max. six m/s, MULTI supports the optimization of installed grid power. Moreover, this allows to better manage a building's energy needs and cuts the costs caused by investments in the power supply infrastructure.

Through its capabilities, MULTI opens up exciting new perspectives especially for designers and architects not only for buildings that exceed 300 m in height but for the complete urban space and its mobility needs. And even for a completely new thinking of vertical city-development.

"At the German Pavilion at the Expo 2020 Dubai, TK Elevator will demonstrate its versatility and potential regarding innovative mobility solutions. Being an important business hub, Dubai is one of the best suited locations to demonstrate MULTI's capabilities. As one of the leading players in the elevator industry, we offer the most comprehensive urban mobility portfolio – and MULTI is one of its true highlights", says Peter Walker, CEO of TK Elevator.

### PRESS IMAGES

Can be downloaded [here](#).

MULTI images can be downloaded [here](#) and [here](#).

## PRESS CONTACT

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## ABOUT US

### **TK Elevator (formerly: thyssenkrupp Elevator)**

With customers in over 100 countries served by 50,000 employees, TK Elevator achieved sales of around €8 billion in the fiscal year 2019/2020. Over 1,000 locations around the world provide an extensive network that guarantees closeness to customers. Over the past decades, TK Elevator has established itself as one of the world's leading elevator companies and became independent since its sale by thyssenkrupp AG in August 2020. The company's most important business line is the service business represented by over 24,000 service technicians. The product portfolio covers commodity elevators for residential and commercial buildings to cutting-edge, highly customized solutions for state-of-the-art skyscrapers. In addition, it also consists of escalators and moving walks, passenger boarding bridges, stair and platform lifts. Integrated cloud-based service solutions, such as the MAX platform, are gaining in importance. With these digital offerings, there are no limits to urban mobility anymore. TKE – move beyond.