



thyssenkrupp Elevator contributes to China's new engineering marvel, the Hong Kong-Zhuhai-Macao Bridge

- Thyssenkrupp Elevator equips the Port of Zhuhai with 102 state-of-the-art escalators and moving walks
- New transportation systems ensure maximum efficiency, comfort – and sea water resistance

The iconic Hong Kong-Zhuhai-Macau Bridge (HKZMB) in China is as ambitious as spectacular. It is the world's longest ongoing sea-based construction project. Indeed, it is more than a single bridge: The HKZMB-project comprises a series of bridges and tunnels crossing the Lingdingyang channel. It serves as a brand new connection between the three major cities on the Pearl River Delta. With its length of 55 km, the bridge is set to become one of the world's longest water crossings and will reduce travelling times between Hong Kong and Zhuhai or Macau. By simplifying a new flow of labour and goods, the HKZMB also plays a vital role in opening up access to global markets.

Contributing to this really impressive construction, thyssenkrupp Elevator is installing a total of 102 state-of-the-art mobility units – 76 escalators and 26 moving walks – at the Port of Zhuhai, the 500,000 sq. meter area on the Zhuhai-Macau frontier port artificial island. As it is with waterside projects, a key part of the brief was protection from corrosion. thyssenkrupp's proposal won the brief based on high quality products and materials with specific anti-corrosion capabilities, including anti-moist, anti-salt spray and temperature-resistant technology, which keep people moving effectively throughout the year.

With the new escalators and moving walks, thyssenkrupp will ensure maximum efficiency for operators and staff as well as comfort for passengers. While construction work began on this immense project in 2009, thyssenkrupp's installation started in June 2017 and is expected to be completed in November this year. The main offshore work of the bridge is executed by three regional governments combined – highlighting the combined effort needed to realize this multi-billion investment.

Andreas Schierenbeck, CEO at thyssenkrupp Elevator, comments: "This impressive project in one of the world's busiest locations shows the need for forward-looking concepts and products. It's great that thyssenkrupp is a key part of this exciting project on an artificial island. Reliability matters most to our customers worldwide, even more as the products have to withstand high stresses from daily use. That was a major reason for winning this project and once again shows that innovation is the bridge into the future, regardless of the challenges."

Quality and innovation play a crucial role in every detail, especially regarding mobility solutions. thyssenkrupp's strength in facilitating the efficient and comfortable transport of people is a major reason why the company was chosen as the official supplier of escalators and moving walks that will have to withstand high stresses from daily use. The solutions perfectly match thyssenkrupp's vision of future cities and infrastructures, combining security, reliability, and comfort with maximum flexibility and economical operation in a world that is largely dependent on mobility.

Footage can be found under the following link:

https://transfer.thyssenkrupp.info/public/a47364k_b81c95eb19ae88f8e0f406

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.

With our engineering expertise in the areas Mechanical, Plant and Materials 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 follow the development trends on the global sales markets, grow on the markets of the future, and generate strong and stable earnings, cash flows and value growth.

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