

Watch out for Chinese people moving the 30,000-ton bus stop to make way for the new train

The main station has five floors, including three floors above ground and two underground floors, with a construction area of 222,800 square meters and a total weight of more than 30,000 tons.

Earlier this month, engineers in the Xiamen city of Fujian, China, successfully moved the entire main station building of the Houxi Long-distance Bus Station, a distance of 288 meters and a 90-degree rotation to make room for A new high-speed train line.

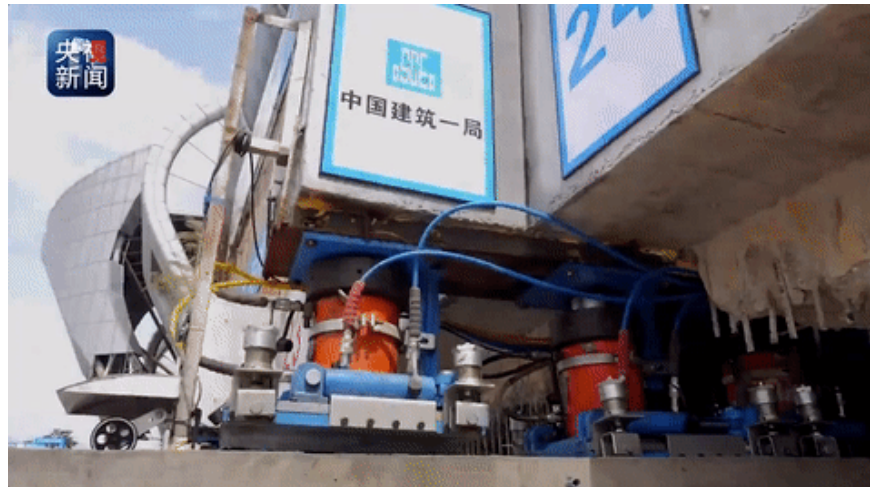
The main station has five floors, including three floors above ground and two underground floors, with a construction area of 222,800 square meters and a total weight of more than 30,000 tons, equivalent to nearly 200 Boeing aircraft.

But Chinese engineers successfully moved this giant bus stop and rotated a 90 degrees while ensuring the entire building was intact, even without affecting any of the glass panels in the station.



Engineers in the project team have applied alternating push and pull technology to ensure stability on the move. This is the first project to apply this technology in the technology of moving massive buildings in China.

Guinness World Records has recognized the relocation project of the main station of the Houxi long-distance bus station in Xiamen, Fujian Province, China, with a travel distance of 288.24 meters as the longest translational arc. of the way massive structures.



Below the main station, Chinese engineers use more than 500 jacks that can translate the length of a piston. These jacks are divided into two groups, A and B. Bus stops are supported by rotation and the frame is moved on a set rail.

1. How about using a stethoscope to listen to music? Ask this young man!

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