Four Generations of the Petřín Funicular Railway

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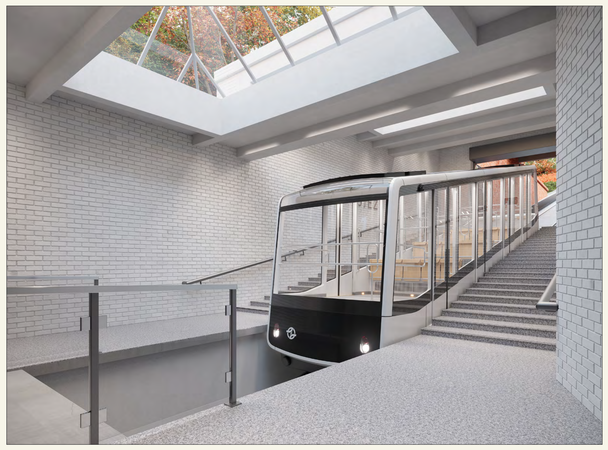
GENERATION IV. – NOW (2026–...)

In September 2022, the Prague Public Transit Company announced the winner of the design competition for the new funicular cars: Anna Marešová designers. The new Petřín Funicular combines elegant design with practical functionality. The spacious cabins with panoramic windows will accommodate up to 100 standing passengers. Future barrier-free access will ensure comfortable travel for wheelchair users and parents with strollers. The romantic atmosphere of Petřín Hill served as the main inspiration for the design. When the two cars pass each other, they will symbolically "wink" at one another, while their lighting will briefly turn red.

Following the commissioning and fine-tuning of all transport and control systems, the funicular will undergo the approval process required by the responsible authorities.

Passengers will enjoy a unique travel experience thanks to the large panoramic windows, four separate compartments with individual entrances, and a capacity of up to 100 standing passengers.

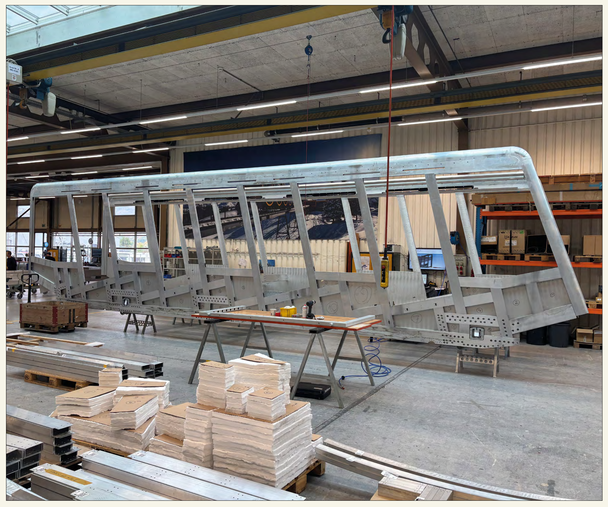
The cars have been designed to allow passengers to fully appreciate the exceptional scenery along the route.



Funicular car at the lower station. Thanks to lighter materials, the new cars offer greater passenger capacity while maintaining approximately the same weight.

The new Petřín Funicular cars are 12.3 metres long and 2.45 metres wide, with a track gauge of 1,435 mm.

Visualization of the now widely known "wink" effect.



The cars were manufactured by CWA Construction SA in Olten, Switzerland, a member of the DOPPELMAYR/ Garaventa Group.

Even during construction in Switzerland, the cars already revealed the elegance that would characterize their future operation in Prague..

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Photos used: DPP archive, Petr Hejna, Pavel Fojtík, Pavel Kejha, Anna Marešová designers

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