

Funitel



 ... to perfection.

 From innovation ...



A milestone in ropeway engineering

Taking the long view, identifying trends, creating innovations – these are the strengths you can count on as a Doppelmayr/Garaventa customer. With leading-edge ropeway technology, we set the benchmark for transport systems geared to the future. Your trust in our capabilities and products motivates us to provide you with top performance every time. As your partner we take pride in our reliability.

Advanced technology combined with the individual wishes of our customers forms the basis for the design and realization of every Funitel. As well as providing impressive performance even in challenging wind conditions, the Funitel is entirely unique in terms of safety and comfort. A top-class ropeway system with Doppelmayr/Garaventa guarantee.

 Visionary technology




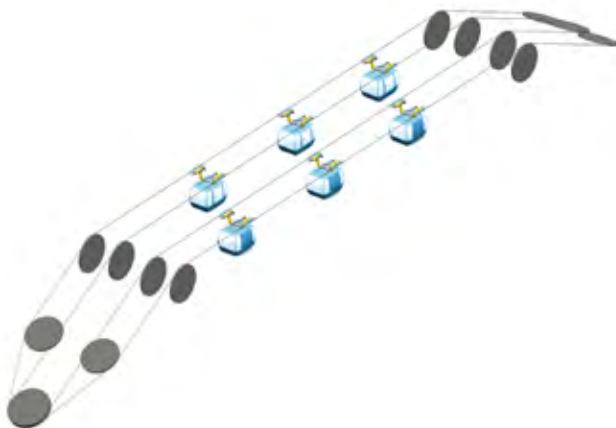
Wind stability and comfort

The Funitel system perfected by Doppelmayr/Garaventa has a signature design feature: the double configuration of one continuous rope loop to give four rope lines – two parallel haul ropes on the uphill side and two on the downhill side. This prevents wind-induced side swing of the cabins and ensures optimal wind stability. As a result, Funitel systems can operate at wind speeds of up to 100 km/h. Very long rope spans are mastered with ease. With a drive speed of up to 7 m/s, the Funitel can achieve transport capacities of up to 4,000 PPH.

The smooth cabin transit through the stations enables passengers to board safely and unhurriedly – thanks to the synchronization of line speed and station speed (approx. 0.3 m/s) in the loading area.

The comfortable cabin features a modern, ergonomic design. Depending on the model, it offers ample space for up to 24 passengers (including up to 18 seats). The panorama windows in UV-resistant, tinted polycarbonate provide passengers with a unique all-round view.

 Double configuration,
doubly secured





Top safety and performance

As with all products from Doppelmayr/Garaventa, Funitel installations incorporate the very latest technology. The drive can be fixed or adjustable. The ropeway control system is based on multichannel, fail-safe electronics. The striking features of the drive machinery are the clear layout of the various components and their compact construction. The equipment is configured as an underground vault drive to facilitate harmonious integration into the visual design of the station.

For Doppelmayr/Garaventa, the safety of passengers and the operating crew is always the first priority. A whole series of safety features as well as design concepts which have been thought through down to the last detail ensure perfect, reliable operation.

The ease of access to components also makes the system extremely maintenance-friendly. The entire grip opening and closing operation is checked by various electronic and mechanical monitoring equipment which immediately stops the lift in the event of a malfunction.

The safety system used on the line is the RPD (Rope Position Detector). This visionary safety feature acts as an early warning system. Any wandering of the haul rope from the center of the sheave is identified and triggers an automatic response to ensure the safety of the passengers.



Key features at a glance

- modern, ergonomic design of cabins to carry up to 24 passengers (incl. max. 18 seated)
- transport capacity up to max. 4,000 PPH
- very high wind stability of the system up to 100 km/h
- wide choice of cabin designs
- functional, flexible parking facilities to suit requirements
- maximum availability
- maintenance-friendly thanks to easy access to all components
- smooth, calm circulation of cabins – convenient, stress-free loading and unloading for passengers
- utmost convenience – cabins also provide easy access for wheelchairs and baby strollers
- all parts and equipment comply with EU directives (CEN)

➤ Safety as the overriding imperative – that goes without saying





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