


Funifor

 ... to strength.

 From stability ...





The world's top technology

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.

The Funifor is a patented Doppelmayr/Garaventa ropeway system which provides the perfect solution for particularly challenging applications. As well as being technically unique on the international market, this wind-stable reversible aerial tramway ranks at the very top

in terms of reliability, technology and economy. The investment in the product and process innovation which went into this system has proved well worthwhile.

Thanks to its low height and short hangers, the Funifor can be snugly incorporated into difficult high mountain terrain, thus avoiding severe weather exposure. Doppelmayr/Garaventa combines experience with pioneering technology and perfection – unchallenged at the very top in the world of ropeway engineering.

➤ Patented and proven –
a ropeway with safety guaranteed




Innovation and stability

The Funifor patent from Doppelmayr/Garaventa represents an outstanding innovation in ropeway construction and opens up completely new perspectives. At the heart of the technology is the Funifor haul rope system consisting of a single spliced rope loop. In each station the rope is deflected around two vertical bull wheels: two in the drive station at the bottom and two in the return station at the top.

The large distance between the track ropes helps to prevent cabin side swing and guarantees high wind stability. The cabin carriage is equipped with four horizontal compensating sheaves which do away with the need for a mechanical anchoring system between the haul rope and the carriage (anchoring bollards or anchoring cones). This means that the haul rope can be inspected over its entire length at any time.

Two independent tracks and the possibility of incorporating mid stations at towers enable capacity configurations that were previously unthinkable in ropeway construction. The well-conceived technology allows passenger service to be adapted to operational requirements. Transport capacity can be doubled up on one section only or the trip limited to the mid station. Alternatively, one section might be closed down for maintenance purposes while the other remains in operation to ensure availability.

 Ropeway technology
at the highest level





monterosa ski



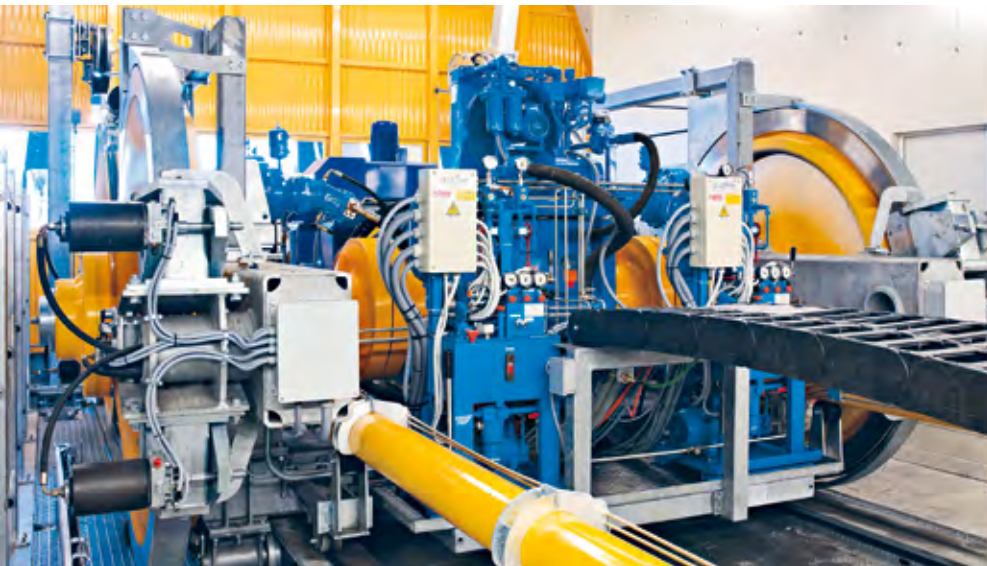
Technical perfection tailored to your needs

Doppelmayr/Garaventa develops tailor-made solutions jointly with the customer. The Funifor ranks among the innovative ropeway systems which stand the test – and not just at extreme altitudes.

Precision engineering and compact construction are the striking features of the Funifor, a perfect fit down to the last detail. The low-rise, compact station buildings are also technically consistent and characteristic of the system. In addition to shorter and cost-saving planning and manufacturing times, this enables harmonious integration into the mountain landscape.

The double haul rope configuration, the continuous haul rope loop, the smaller rope and sheave diameter, and the gear unit are designed for low maintenance and all underline the economics, ergonomics and longevity of the ropeway system.

Independently driven carriers are a major safety feature of the Funifor. An additional rescue ropeway, as used on conventional ropeways, is no longer necessary since the operational carrier can easily be run to the blocked carrier in an emergency situation. Evacuation is resolved safely and rapidly.



Key features at a glance

- short hanger allows compact, low-rise station buildings
- separate drives for each carrier and therefore no need for a rescue ropeway
- wide rope gauge, high wind stability
- spliced haul rope loop
- maintenance-friendly

➤ Innovation that sets
new benchmarks



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