

The World of Ropeways





World leader



As a customer of the Doppelmayr/Garaventa Group, you can count on the best quality, leading-edge ropeway technology and the utmost professionalism. We develop our products in close collaboration with our customers and partners in order to arrive at the ideal solution to meet your individual wishes and needs. When it comes to implementing your project, the very latest technologies and the full in-depth experience of our engineers and technicians are employed. All this makes the Doppelmayr/Garaventa Group the world leader in ropeway engineering – and your reliable partner.

Our transport systems set benchmarks: We transport passengers with ropeways offering not only top comfort but above all safety at the highest level – in summer and winter tourism regions or as part of

urban transit networks. Our systems for material transport and ropeways for preventive avalanche blasting offer impressive efficiency and performance. All-year-round experience concepts round off our extensive portfolio.

With Doppelmayr/Garaventa, you get top quality in modern design, discover user-friendly solutions and know you will continue to receive optimum service in the future. From the initial idea to the completed project and beyond.

Benefit from the expertise of the world market leader and a close-knit customer support network around the globe.

The Doppelmayr/Garaventa Group

2002 saw the merger of two leading ropeway manufacturers with a long tradition: Doppelmayr and Garaventa. This gave rise to the Doppelmayr/Garaventa Group with its main plants in Wolfurt (AUT) and Goldau (CHE) as global competence centers for circulating ropeway systems such as gondolas and chairlifts as well as reversible aerial tramways and funicular railways. It is here that the technology which has earned these two companies a worldwide reputation is designed and engineered.

Since the beginnings of both companies over 125 years ago, the Group has become the epitome of technical reliability and innovative strength, and has been instrumental in shaping the ropeway industry. Doppelmayr and Garaventa have played a major role in technical advances and achieved many milestones which have contributed to the breathtaking pace of development in this field.

Today, the Doppelmayr and Garaventa brands stand for top quality and uncompromising reliability. Installations designed precisely to accommodate the customer's wishes and pioneering innovations in ropeway construction sum up the corporate philosophy. The Group operates production plants as well as sales and service centers in over 50 countries worldwide and has installed over 15,000 ropeway systems to date for customers in 96 nations worldwide.

Doppelmayr's Hohe Brücke plant in Wolfurt, AUT

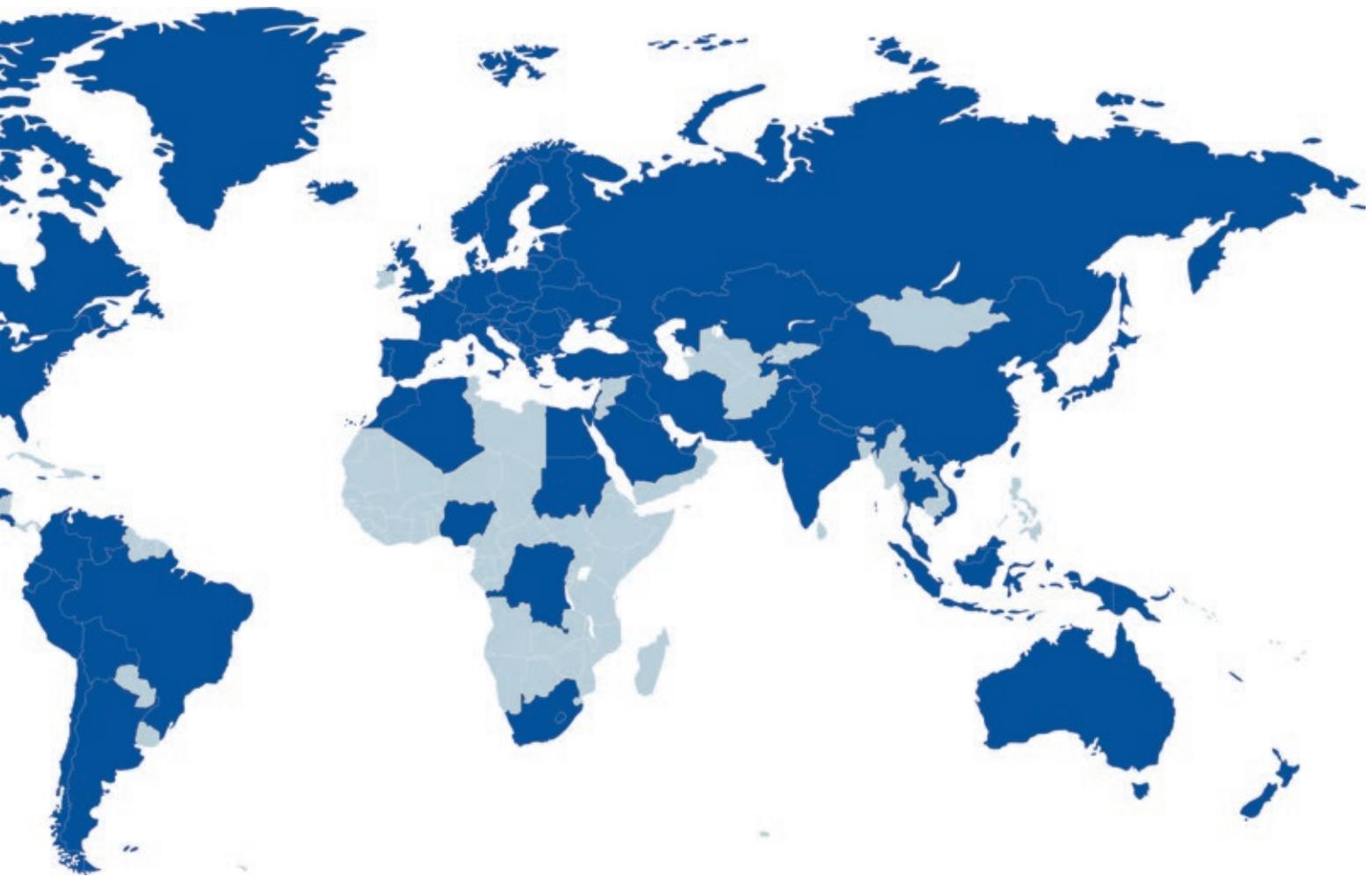


Garaventa plant in Goldau, CHE



Divisions

- Passenger ropeways
- Material transport systems for bulk material and unit load handling
- Avalanche blasting ropeways
- Rope-propelled local transport systems
- Automated inclined elevator systems
- Concepts for the all-season mountain experience



Subsidiaries

Doppelmayr Cable Car GmbH

This company offers innovative, progressive and eco-friendly alternatives for local transport applications. The energy and space-saving systems can be readily integrated into sensitive urban infrastructures, airports, exhibition and conference centers as well as large industrial and administrative complexes. dcc.at

Input Projektentwicklungs GmbH

Input's main field of activity focuses on adventure concepts for mountain regions aimed at long-term profitability. The objective is to develop comprehensive concepts which offer a fun mountain experience for all the family 365 days a year. input-projekt.com

Doppelmayr Transport Technology GmbH

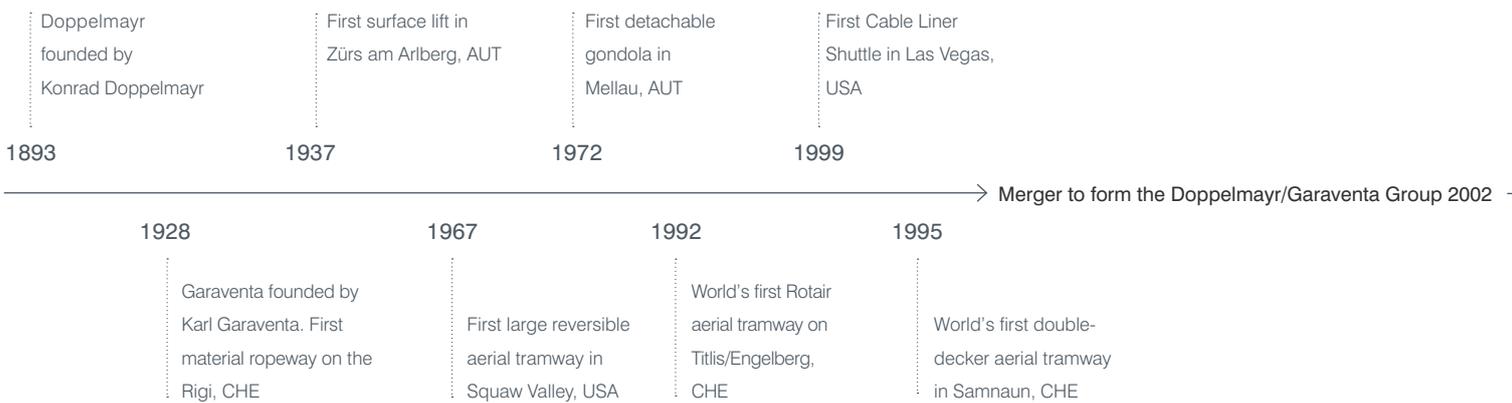
The broad spectrum of sophisticated material transport systems provides the answer to any challenge involving the transportation of bulk material and unit loads. Solutions range from well-proven material ropeways to innovative long-distance conveyor systems. doppelmayr-mts.com

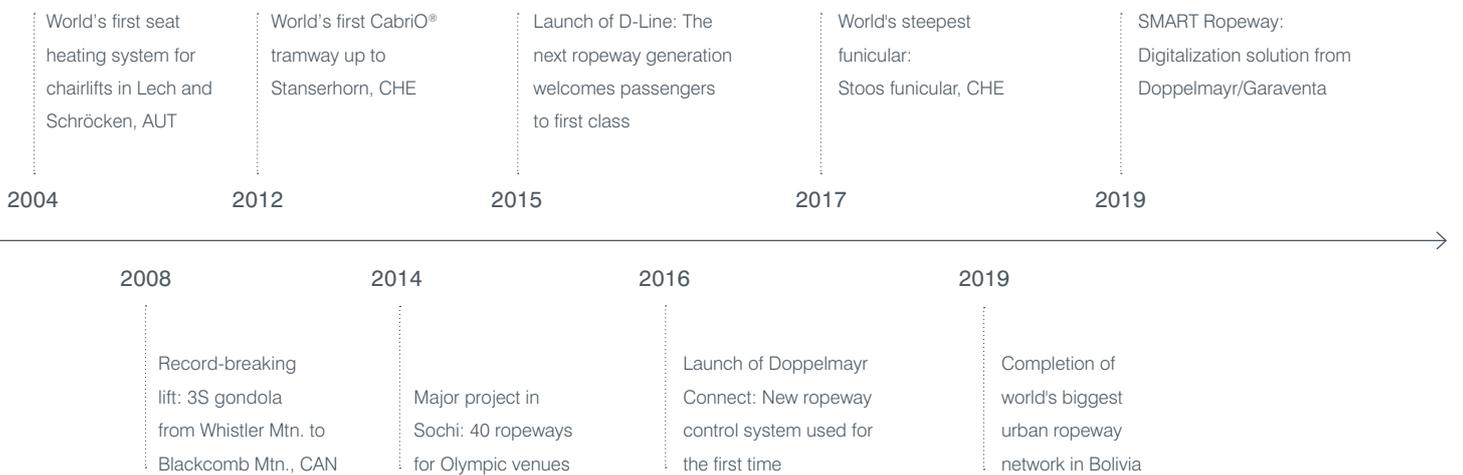
CWA Constructions SA/Corp.

CWA specializes in the manufacture of cabins. Its products are used for continuous-movement ropeways, reversible aerial tramways, funicular railways and Cable Liners, and cannot fail to impress with their outstanding quality. CWA stands for technical expertise in design, development and construction. cwa.ch

 World leader – thanks to superlative quality and customer focus

The history of the Doppelmayr/Garaventa Group





Applications



Detachable chairlift – Ramcharger 8, Big Sky, USA



CabriO tramway, Stans, CHE

Winter

Off to the slopes with the professional

Ever since winter sports fans in their droves began heading for the mountains, Doppelmayr/Garaventa has been a reliable partner to large numbers of ski resorts around the globe. The differing needs of passengers – whether children or adults, novices or professional athletes, groups or singles – provide the trigger for new ideas. Innovative thinking and many years of experience enable us to constantly increase the quality of Doppelmayr/Garaventa ropeways and perfect the technology behind them.

Working closely with our customers and partners enables us to continually set new milestones which inspire advances in the ropeway industry. Surface lifts, chair and gondola lifts or even combined solutions in standard or custom design – your wishes and your trust are the driving force in everything we do.

Summer

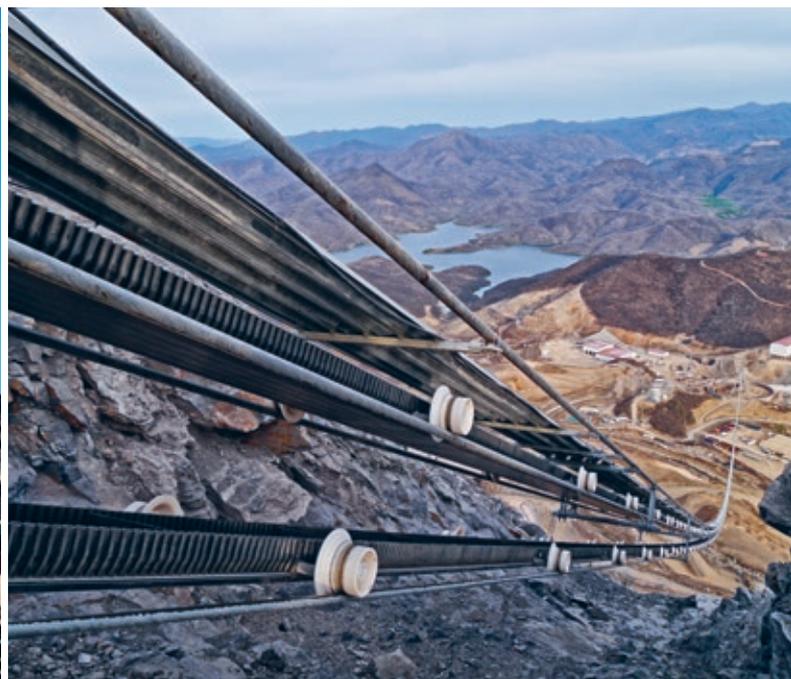
Heading for the sun with the number one

Ropeways are invaluable when it comes to providing access to recreation areas on the mountain, to remote alpine pastureland or to viewing points and monuments that are otherwise difficult to reach. As a flexible mode of transport that is individually adapted to the topography of the region, ropeways have no problem crossing even very large obstacles. Their minimally invasive design enables ropeways to blend in almost imperceptibly with their surroundings – without disturbing the visual impression of the tourist destination.

In combination with experiential attractions on the mountain, the ropeway provides a popular means of access for summer toboggan runs, mountain huts or themed hiking trails. Hikers, families with children, wheelchair users, mountain bikers, paraglider pilots and senior citizens are guaranteed a high-comfort ride while they relax and enjoy the view.



Detachable gondola lift – Línea Roja, La Paz, BOL



RopeCon® – El Limón-Guajes, Nuevo Balsas, MEX

Urban

Over the city roofs with the all-rounder

The innovative ropeway systems from Doppelmayr/Garaventa offer a host of benefits in the urban environment. They cross residential areas, rivers and existing infrastructure with ease and glide over every traffic hindrance. As well as lending themselves perfectly to integration into urban planning concepts, ropeway solutions offer infinite scope for creativity. Structures and equipment can be individually designed to cater for cultures, local circumstances and customer preferences.

Barrier-free loading and unloading make ropeways a positive experience for wheelchair users as well as passengers with strollers or bicycles. Environmentally friendly and efficient at the same time, ropeway systems provide an impressive answer to present and future traffic problems, and create added value for any city.

Material

Moving with the technology leader

As well as delivering optimum quality and advanced solutions for passenger transport, Doppelmayr/Garaventa proves that ropeways are an excellent choice for material transport. All kinds of materials are transported safely and efficiently to their destination. Customers can rely on a transport system to suit their specific requirements.

Material ropeway systems occupy a minimal structural footprint and even in mountainous regions are able to cross large distances and major obstacles between the individual towers. For heavy-duty applications, Doppelmayr/Garaventa developed RopeCon® and RailCon®. These systems combine conveyor and ropeway technology, and provide a reliable means of carrying bulk materials and unit loads from A to B. This makes Doppelmayr/Garaventa your ideal partner for material transport.

Products

Doppelmayr/Garaventa prides itself on a strong spirit of innovation, outstanding product quality and an uncompromising attitude to safety. With flexibility, dedication and experience, our ropeway specialists plan your ropeway project and take great care to adapt every installation to suit the task and the terrain. Why not take a closer look at our product range? With Doppelmayr/Garaventa, you can rely on a dependable partner.

With the D-Line, Doppelmayr/Garaventa has developed the next ropeway generation. Top passenger comfort, quiet operation, simple, time-saving maintenance and many more features make the D-Line first class. Doppelmayr/Garaventa provides technical precision in clear, calm lines and fascinating design with the D-Line. Its enhanced functions open up new possibilities for detachable continuous-movement ropeways.

➤ Detachable gondola lifts

Safe, comfortable and fast: The detachable gondola lift is a ropeway system with cabins to take four to 15 passengers and is suitable for use in winter sports regions, for summer tourism and urban transport projects. The gondola lift continues to prove its benefits in every application because, thanks to its barrier-free construction, baby strollers, wheelchairs or alternative winter sports equipment can be transported without any problem.

➤ Detachable chairlifts

With the detachable chairlifts from Doppelmayr/Garaventa, you can rely on a proven system with unique features. As well as carrying up to 4,000 passengers per hour in top comfort and safety, these lifts offer a choice between double, quad, 6- or 8-seater chairs.

➤ Combination lifts

The combination lift unites the advantages of a detachable gondola with those of a detachable chairlift. The features of this lift type are the simultaneous use of cabins and chairs along with separate loading and unloading areas designed to meet the requirements of the respective passengers.

Detachable chairlift – Waidoffen, Hochfügen, AUT



Detachable gondola lift– Kohlmais lift, Saalbach, AUT





Funifor – Alba-Col dei Rossi, Canazei, ITA

➤ Funifor

The Funifor scores with its high wind stability. The large distance between the track ropes ensures a wide gauge, which reduces cross swing to a minimum. With its short hanger, the compact, low station buildings and the associated low height above ground, the Funifor is well equipped to withstand the often extreme conditions at high elevations.

Reversible aerial tramway – Grand Motte, Tignes, FRA



Combination lift – Sunrise Express, Ishiuchi, JPN

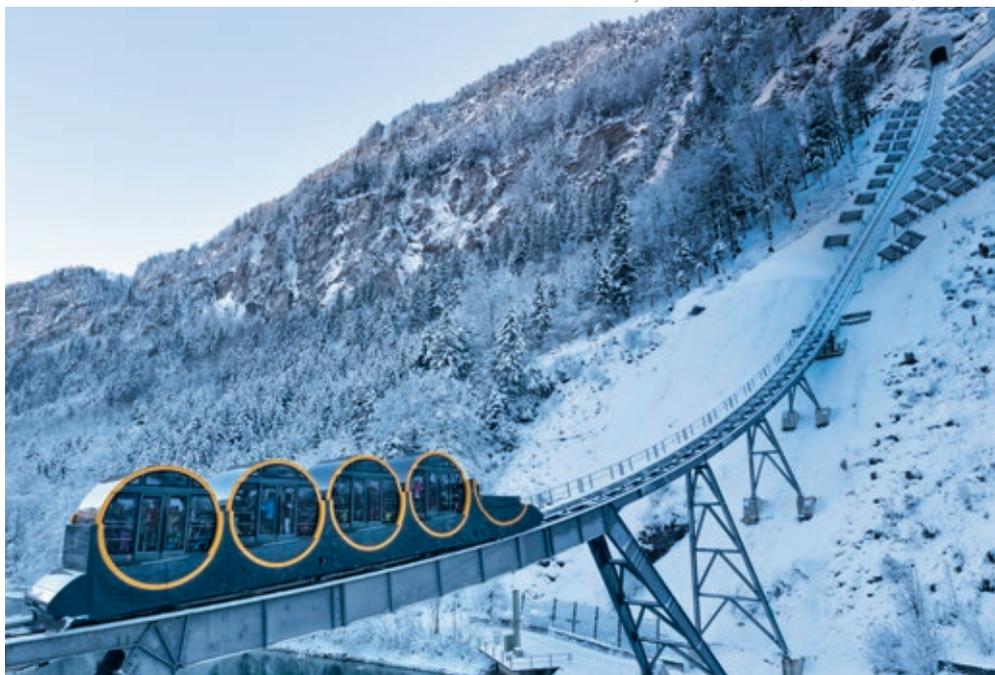
➤ Funicular railways

Funiculars from Doppelmayr/Garaventa can be found almost everywhere: in cities, in the country, or in mountain regions. Curves and changes in gradient can be mastered by this ropeway system without any problem. The low profile ensures high availability for the funicular in all weather conditions.

➤ Reversible aerial tramways

The term reversible aerial tramway refers to the way the cabins travel. They are propelled by a haul rope and run along one or two track ropes as they move to and fro between the stations. Valleys, ravines, rivers or glaciers can be crossed with ease by this ropeway system. It is also increasingly being used in urban applications. Rope spans of up to 3 km are no problem.

Funicular railway – Stoos funicular, Morschach, CHE





3S gondola lift – 3K K-connection Kitzsteinhorn, Kaprun, AUT

3S gondola lifts

Tricable detachable ropeways combine the benefits of gondola lift and reversible aerial tramway. Spacious cabins for up to 35 passengers run along two fixed track ropes and are propelled by a continuous haul rope. Ropeways of this type are characterized by very high wind stability, high transport capacity and the option of very long rope spans. The capability to travel along a curve and the option of producing energy by means of a carriage wheel generator open up new possibilities.

Funitel

The Funitel system perfected by Doppelmayr/Garaventa is extremely wind resistant thanks to the double configuration of the continuous rope loop and can operate at wind speeds of over 100 km/h. This feature combined with a rope gauge of 3.2 m makes the Funitel suitable for very long rope spans.

Cable Liner

Building on the experience of the parent company, Doppelmayr Cable Car (DCC) developed the Cable Liner. As high-performance and cost-effective alternatives in the area of local transit solutions, the APM systems from DCC are particularly well suited to applications in cities, airports, exhibition and conference centers, large industrial and administrative complexes, and as feeder systems for adventure centers, sports stadiums and theme parks.

Funitel – Priebyba-Chopok, Chopok juh, SVK



Cable Liner – Oakland Airport Connector, Oakland, USA





RopeCon® – Simberi, PNG

➤ Fixed-grip chairlifts

Fixed-grip chairlifts are built as both summer and winter tourism facilities. The double, quad or six-seater chairs are permanently attached to the haul rope. The loading conveyor system developed by Doppelmayr/Garaventa is the key to safe and convenient boarding on fixed-grip installations operated at rope speeds of up to 3 m/s. Transport capacity can reach up to 3,200 passengers per hour depending on the size of the chairs used.

➤ Surface lifts

Doppelmayr/Garaventa offers a full range of surface lifts, from simple platter lifts for the practice slopes to T-bars and glacier lifts. We also provide upgrades, the replacement of equipment such as electrical control systems, service and repairs on all kinds of surface lift with overhead haul rope.

➤ RopeCon®

The RopeCon® system from Doppelmayr Transport Technology (DTT) is a long-distance continuous conveyor system suitable for transporting bulk materials and unit loads of any kind. This product is the result of well-proven transport technology combined with decades of experience in the ropeway industry.

Fixed chairlift – Queenstown Chair, Queenstown, NZL



Hirschbichel, Kaltenbach, AUT



doppelmayr.com

Visit our website. At doppelmayr.com you will find further details of our company, our products and their applications. The background stories to many reference projects around the globe make for fascinating reading. Let yourself be inspired by the World of Ropeways.

Location Finder

We operate production sites as well as sales and service centers in over 50 countries worldwide. Find your personal Doppelmayr/Garaventa adviser here.

Job portal

Interested in pursuing a career with the world market leader in ropeway construction? On our job portal, applicants can find out about the latest vacancies in the Doppelmayr/Garaventa Group worldwide.

Newsroom

In the Doppelmayr Newsroom, you can obtain all the information you need about our latest activities and projects, scroll through our brochures online and find many questions and answers on the subject of ropeways.

Our customer magazine, "WIR", is published three times a year in 13 languages. All the issues can also be viewed in the Newsroom.



Job portal



YouTube channel





WIR customer magazine

➤ Living world map of ropeways

Have you always wanted to know which is the longest ropeway ever built by the Doppelmayr/Garaventa Group or how many ropeways the world market leader has built in Austria? Then the Living World Map of Ropeways is exactly the right tool for you. It contains all the installations built between 1997 and 2019, and is constantly being expanded. The technical specifications, year, location and country as well as further fascinating details can all be found here.



Living World Map of Ropeways from 1997

➤ Ropeway configurator

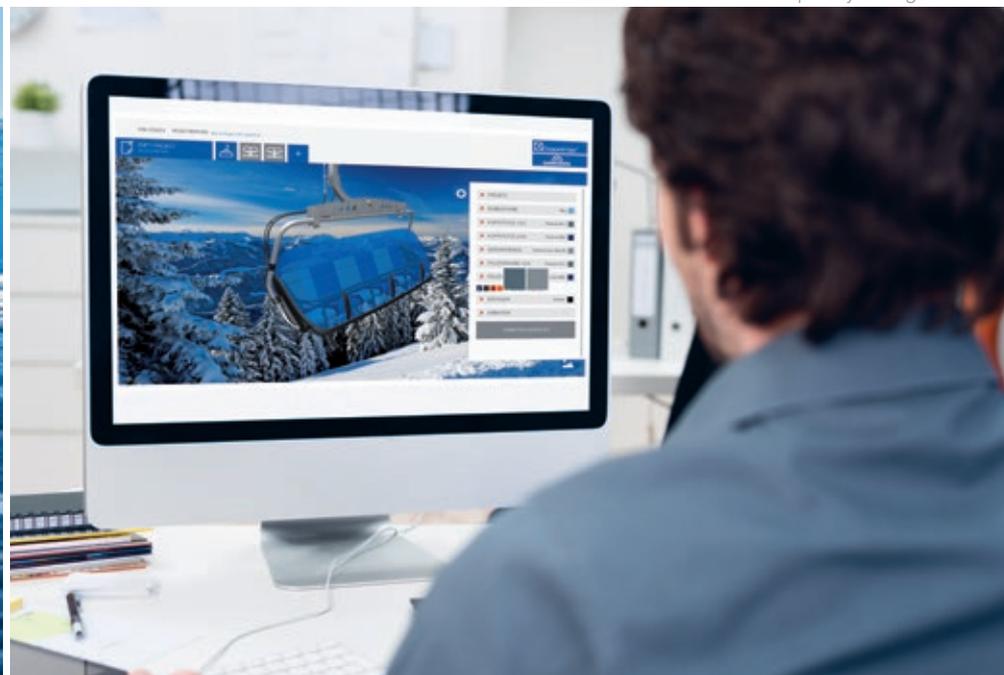
Design your own ropeway. The 3D configurator can be used to design chairs, cabins and stations entirely to suit your individual wishes and your corporate colors. Uploading your own background and logo gives you an impression of how your design will harmonize with its surroundings. The 3D 360° viewing option, the movement animation and the wide choice of colors make designing your own ropeway a fun experience.



Ropeway configurator

➤ YouTube channel

Over 10,000 subscribers keep up to date with our latest projects and innovations by regularly checking out the Doppelmayr/Garaventa YouTube channel. The videos show breathtaking footage and provide an impressive insight into the many applications for ropeways.





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