

Surface Lifts

 ... to being moved.

 From being pulled ...





Professional partner for generations



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.

As far back as 1937, Doppelmayr built the very first surface lift in Zürs am Arlberg. This pioneering spirit helped to create a rich pool of know-how and experience. It also explains why Doppelmayr/Garaventa has such a wide range of surface lifts to this day. From small, simple practice lifts with platter towing units to

high-performance glacier lifts, a solution can be offered to meet every requirement. The surface lift is a classic and has always been very popular with skiers since the early days of winter sports.

This lift type is also an extremely straightforward and cost-effective ropeway system. It combines low technical complexity with the advantages of high transport capacity. Thanks to the variable distance between haul rope and snow level, this system can be readily adapted to suit a wide range of snow heights and terrain topologies. This means that even tracks with changing gradients are relatively easy to realize.

 Today's robust technology
means security for tomorrow

Feel good factor for adults and children alike

Surface lifts are proven and popular everywhere. As a practice lift for children alongside the sun terrace, as a high-capacity means of transport linking up to the bottom stations of larger lift installations or as a glacier surface lift. Surface lifts are particularly advantageous for areas exposed to wind and for providing transportation along short connecting routes. Low running costs and additional summer applications such as toboggan transportation make it possible to extend operation beyond the winter season.

Top ride comfort and safety all along the line are guaranteed with surface lifts. The patented Doppelmayr springbox not only ensures a smooth launch, but also enables convenient self-service for every user. The CCTV monitoring of the return station in the case of short tow tracks with a clear line of vision guarantees a high level of safety and unparalleled operational efficiency.

Doppelmayr surface lifts are equipped with their very own safety system which has been thoroughly thought through down to the last detail and long proven in practice. You can be sure of reliable, trouble-free operation.

For children, the surface lift is often their first experience of ropeways. For that reason, it should create a positive impression and convey a feeling of safety. Doppelmayr makes the lifts so easy to use that children get a sense of achievement after using the installation for the first time. Riding uphill and skiing down then become fun things to do.

Doppelmayr/Garaventa offers different types of towing units to suit the application: platters for one or T-bars for two-person transportation. Snowboarders in particular appreciate the special design of the Doppelmayr comfort T-bar which allows them to ride in comfort.

Infinitely variable travel speeds of up to 3.5 m/s provide particular ride comfort. And impressive transport capacities of up to 1,200 PPH can be achieved with T-bars.

 Taking precision and functionality to the top





Successful, sustainable, straightforward

The Doppelmayr/Garaventa Group always strives to offer lift operators only the very best. That is why individually tailored solutions are implemented to address individual customer requirements. The compact design of stations and tow track based on solid construction yet minimal environmental impact serves as a model for sustainable surface lift technology. The result is a reduced structural footprint. Installation and start-up of the type-approved and CEN-certified system are fast and straightforward.

Thanks to their mature and uncomplicated technology, surface lifts are particularly maintenance- and user-friendly. Exceptional longevity and high availability are key features of their system design.

Angled 'T' towers allow the tow track to be prepared by snow-grooming vehicles for enhanced ride comfort. Customer satisfaction is exceptionally high. That is because Doppelmayr/Garaventa guarantees the uninterrupted availability of spare parts plus competent after-sales service even after decades. With a long and continuing success story, the surface lift is understandably the world's most commonly built type of ropeway.



Key features at a glance

- platters for one or T-bars for two-person transportation
- speeds up to 3.5 m/s with transport capacities up to 1,200 PPH
- individually tailored solutions thanks to the wide performance range of available drive types
- simple, but durable technology with components certified in accordance with EU directives
- particularly maintenance-friendly; availability of spare parts spanning decades
- low personnel requirements thanks to self-service and CCTV monitoring
- patented springbox ensures smooth launch
- compact design means minimal structural footprint
- versatile applications from the practice lift to the glacier lift
- low operating and maintenance costs





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