

Detachable Chairlifts

 ... to the exceptional.

 From the familiar ...





The perfect detachable grip 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.

Two out of three of the 6-seater chairlifts constructed worldwide and five out of six installations with 8-seater chairs originate from Doppelmayr/Garaventa.

With detachable chairlifts from Doppelmayr/Garaventa, you can rely on proven quality and unique features. As well as carrying up to 4,000 passengers per hour, these lifts offer a choice between double, quad, 6- or 8-seater chairs that are extremely comfortable, safe and compact in design.

The detachable grip technology perfected by Doppelmayr/Garaventa enables the carriers to travel at creep speeds in the stations, providing comfortable and safe loading and unloading for your guests. And the same high level of safety is ensured at speeds of up to 5 m/s along the line.



The hallmark of Doppelmayr/Garaventa is the light modular structure designed for light, visibility and optimum accessibility. The generously proportioned window fronts of tinted acrylic glass framed by perfectly fitting screwed aluminum pressed profiles on a hot-dip galvanized steel construction shape the high-grade appearance of the stations. In cooperation with the customer they can be quickly erected all over the world and are captivating in their functional and compact design.

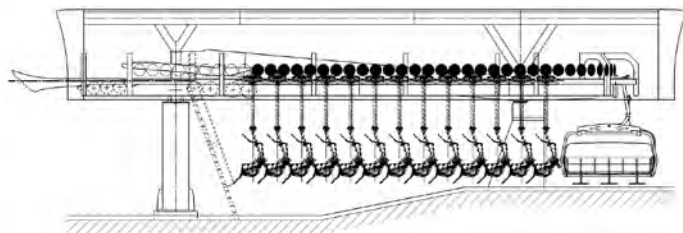
Ingenious safety devices prevent irregularities in the stations. Sensors monitor both the geometry of the grip on the haul rope and the rope position. Whether a conventional loading zone layout or 90° loading is selected, safety is the overriding imperative. Only carriers that are properly attached to the rope can leave the station. In the event of the slightest positional deviation of the grip jaw, the ropeway shuts down.

The highest degree of comfort

Doppelmayr/Garaventa will fulfill your wishes and needs. Whatever those may be, you can be sure of a unique product, the highest degree of comfort, sophisticated and functionally optimized design as well as an exceptionally smooth ride. Chairlifts offer a range of options: chairs with seat heating and automatic closing of the restraining bar (monitored) as well as bubbles (standard, orange, blue, yellow). Whether travelling in quad, 6- or 8-seater chairs, passengers are protected all round by the lightweight, wind-resilient bubble in UV-resistant polycarbonate. This means they can enjoy the distortion-free view of the winter surroundings in warmth and comfort.

A safety system especially designed for transporting children reinforces the high level of safety of the installations.

To protect the chairs when not in use, Doppelmayr/Garaventa offers parking facilities to suit customer requirements. Manual, semi-automatic or fully automatic parking systems are housed in the station or in an adjacent building – and are always designed for rapid carrier availability, low stacking dimensions plus simple and flexible handling.



 Popular, comfortable and safe





Reliability all along the line

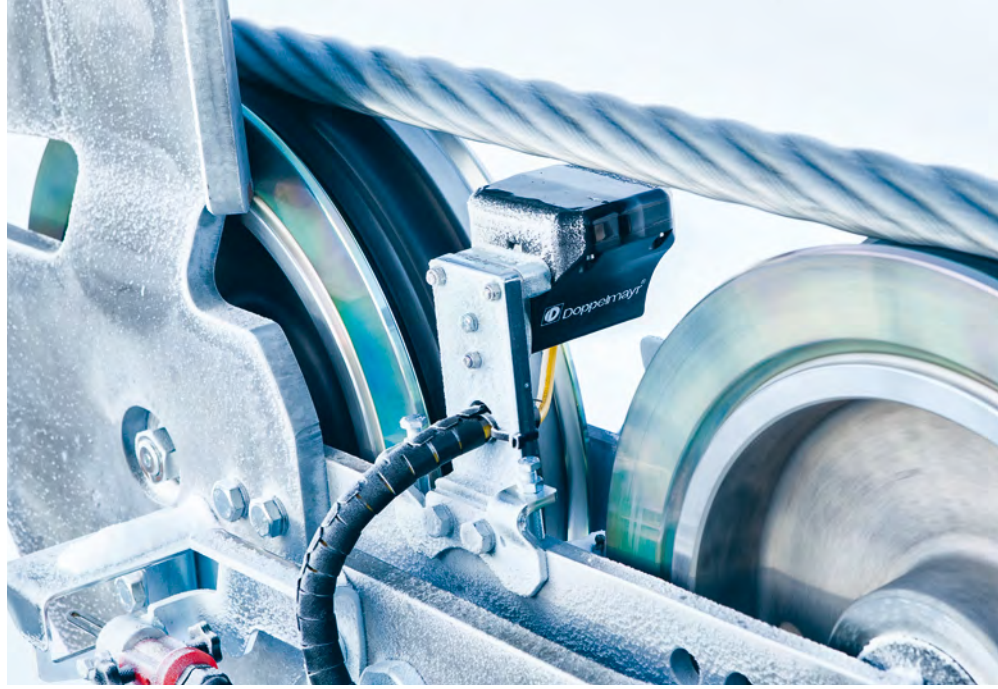


The customer has a choice of two drive options depending on the design of the installation. Whether an overhead drive or underground vault drive is used, all components are readily accessible and easy to maintain. If the main drive motor should fail, passengers can be evacuated from the line using a redundant emergency drive which can be operated independently of the main drive. The hydraulically controlled service brake, designed as a disc brake, is installed directly on the gearbox input shaft between the electric motor and the gearbox. An additional braking system is provided by the emergency brake installed directly on the bullwheel.

Doppelmayr/Garaventa assures safety and comfort all along the line. Hot-dip galvanized towers, yokes, platforms, aluminum ladders and haul ropes, and cast aluminum alloy haul rope sheaves running in compact and perfectly designed sheave assemblies guarantee protection and absorb shocks. As a further safety device along the line, an RPD (Rope Position Detector) can be optionally installed.

Early warning system with worldwide patent

The RPD is an early warning system developed by Doppelmayr and patented worldwide. Its sensors continuously monitor the rope position on the sheave assemblies and, if necessary, decelerate or completely shut down the installation in case of an emergency. It goes without saying that all components comply with the relevant EU directives (CEN).



Key features at a glance

- double, quad, 6-seater, 8-seater chairs
- capacity up to 4,000 PPH
- bubbles, cushioned seats and seat heating as options
- automatic restraining bar locking
- flexible parking systems to suit requirements
- high degree of availability
- readily adaptable to customer requirements
- functional modular design
- top comfort and safety for passengers
- all parts and equipment comply with EU directives (CEN)



355/eng/doma/mce/032013/1000

Doppelmayr Seilbahnen GmbH
Rickenbacherstraße 8–10, Postfach 20
6922 Wolfurt / Austria
T +43 5574 604, F +43 5574 75590
dm@doppelmayr.com, www.doppelmayr.com

Garaventa AG
Tennmattstrasse 15
6410 Goldau / Switzerland
T +41 41 859 1111, F +41 41 859 1100
contact@garaventa.com, www.garaventa.com