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With a huge sense of pride, we say thank you for the trust that customers place in our products, ideas and employees.

We say thank you for what we have achieved with our combined forces. Because an inspiring today is the foundation for an enthusiastic tomorrow. And that's something we look forward to.

Thomas Pichler, Michael Köb, Gerhard Gassner, Arno Inauen

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Funicular Railways

FU



160-FUL Tianmeng Funicular

Shandong Tianmeng
Tourism Development Co., Ltd
Feixian, Shandong, China

Inclined length: **1,835 m**

Vertical rise: **490 m**

Speed: **10.0 m/s**

Capacity: **1,668 PPH**



Touristic

The Tianmeng Tourist Area in Linyi, Shandong – located 650 kilometers between Beijing and Shanghai – is part of the national 5A-level Yimeng Mountain Tourism Area and offers breathtaking natural landscapes as well as many popular attractions. A highlight of the region is the Tianmeng Funicular, the first funicular in Shandong and the longest in China. It stretches over 1,835 meters from the bottom station next to the Huluya waterfall at 417 meters to the top station at 907 meters.

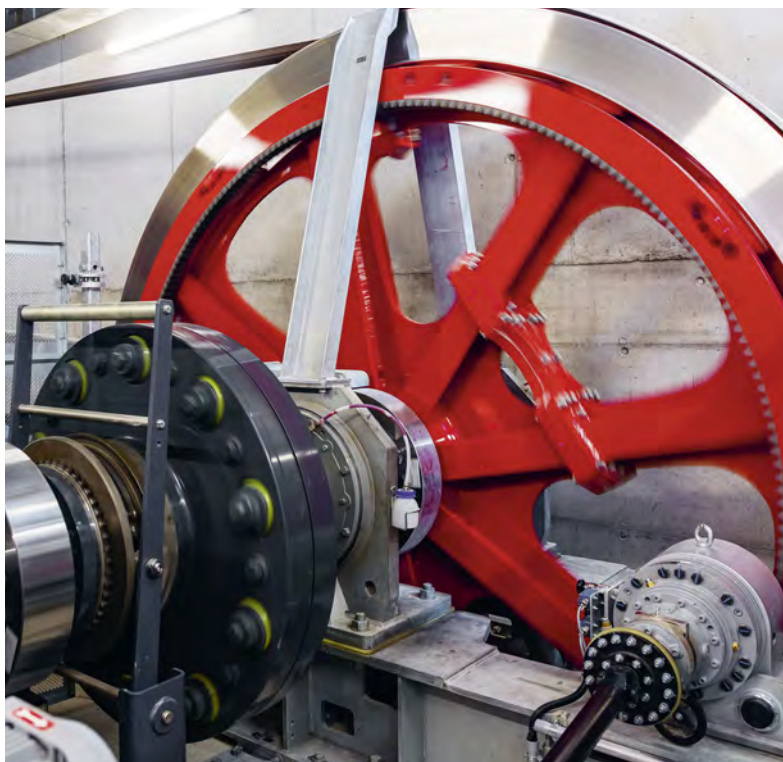
With a capacity of 1,668 passengers per hour, the funicular offers visitors an unforgettable experience. The modern stations are perfectly integrated into the landscape. They thus contribute to the sustainable development of tourism in the region and significantly enhance the destination's tourist offering. Construction began in January 2020 and was completed in October 2021. Commissioning was delayed due to the pandemic until the facility finally went into operation in September 2022.



114-FUL MODERNIZATION Linthal–Braunwald

Braunwald-Standseilbahn AG
Braunwald, Switzerland

Inclined length: **1,358 m**
Vertical rise: **600 m**
Speed: **6.0 m/s**
Capacity: **950 PPH**



Essential

The Linthal–Braunwald funicular has been in service since 1907 and is the only means of public transport providing access to Braunwald. In view of this essential service for the region, keeping the operation shutdown as short as possible was key. The experts from Garaventa successfully completed the upgrade of this installation in just two weeks. During the shutdown, helicopter flights provided access to Braunwald.

The funicular is now barrier-free and has an elevator in the bottom terminal as well as refurbished vehicle compartments. The floor of the upper compartment no longer has steps. A movable boarding ramp ensures that passengers have no problem with the gap between the platform and the car.

60-FUL MODERNIZATION
Schwandegg–Niesen Kulm

Niesenbahn AG
Mülmen, Switzerland

Inclined length: **1,388 m**
Vertical rise: **666 m**
Speed: **2.1 m/s**
Capacity: **240 PPH**



Reversible Aerial Tramways

AATN

WV

120-ATW **MODERNIZATION** Courmayeur-Plan Checrouit

Courmayeur Mont Blanc Funivie S.p.A.
Courmayeur, Italy

Inclined length: **1,966 m**

Vertical rise: **493 m**

Speed: **12.0 m/s**

Capacity: **1,174 PPH**



80-ATW **MODERNIZATION** Sörenberg–Brienzer Rothorn

Bergbahnen Sörenberg AG
Sörenberg, Switzerland

Inclined length: **2,741 m**

Vertical rise: **1,040 m**

Speed: **10.0 m/s**

Capacity: **630 PPH**



Modernized

An 80-passenger tramway has linked Sörenberg with Lucerne's popular tallest mountain, the Brienzer Rothorn, since 1971. After more than 50 years' service, the time had come to replace the tramway and its ropeway technology was entirely upgraded. Drive, towers, ropes, cabins and control system are now state of the art. The alignment and tower positions remain unchanged.

A key aspect of this modernization was the implementation of Connect, the latest generation of control systems developed and produced by Frey Stans. Connect enables central control and monitoring of the ropeway installation from an operating point of choice (top or bottom station or cabin). The system is equipped with cameras and intercoms to allow unmanned operation.

The new cabins supplied by CWA enable efficient operations thanks to the double sliding doors on both sides and considerably shorten boarding and disembarkation times.

100-ATW **AURO** Zermatt-Furi

Zermatt Bergbahnen AG
Zermatt, Switzerland

Inclined length: **1,680 m**
Vertical rise: **234 m**
Speed: **10.0 m/s**
Capacity: **1,030 PPH**



Striking

The new Zermatt-Furi tramway went into service in 2023. Its striking feature is the first tower after the lower terminal, which opens up a view of the Matterhorn and is shaped like a magnifying glass. The unconventional tower construction is unique and an absolute highlight.

This special large tramway is the first of its kind to be equipped with AURO technology. AURO stands for “Autonomous Ropeway Operation” and enables a ropeway to be run with unmanned stations. The installation is equipped with cameras and sensors that continuously capture and transmit safety data. This technology allows the installation to run in accordance with a defined timetable without operating personnel to perform monitoring functions.

The cabins on this tramway were made by CWA and offer a rooftop ride on the uphill side in the summer.



80-ATW Kurzras–Grawand

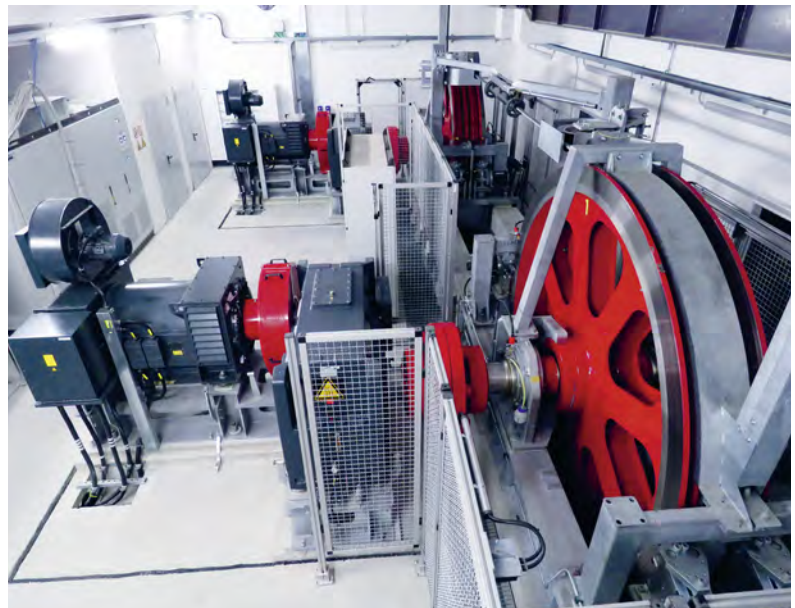
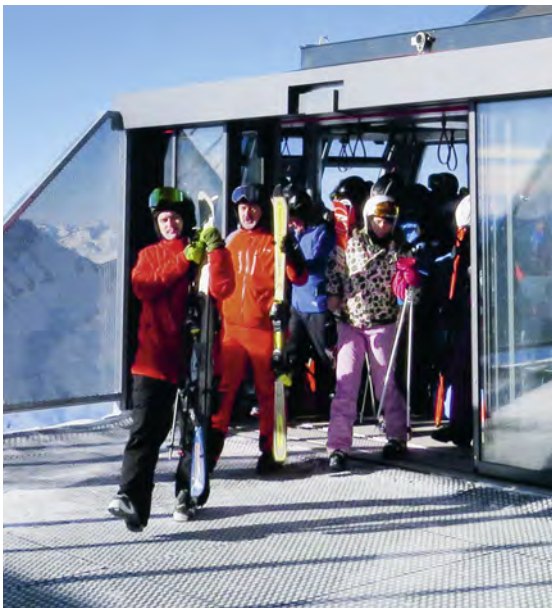
Schnalstaler Gletscherbahnen AG
Schnals, Italy

Inclined length: **2,141 m**

Vertical rise: **1,181 m**

Speed: **10.0 m/s**

Capacity: **800 PPH**



70-ATW MODERNIZATION
Iltios-Chäserrugg

Toggenburg Bergbahnen AG
Unterwasser, Switzerland

Inclined length: **3,455 m**
Vertical rise: **916 m**
Speed: **10.0 m/s**
Capacity: **470 PPH**



75-ATW Lone Peak Tram

Big Sky Resort
Big Sky, MT, USA

Inclined length: **1,554 m**
Vertical rise: **651 m**
Speed: **10.0 m/s**
Capacity: **850 PPH**

Scenic

No major aerial tramway had been built in North America for 15 years. But in 2023, the time had come again: In collaboration with Big Sky Resort in Montana, in the middle of the Rocky Mountains, Garaventa and Doppelmayr USA built the Lone Peak Tram. It replaced its predecessor, which had been in operation for 27 years, and covers a height difference of 650 meters. Its mountain station, which is located at an elevation of 3,400 meters, is the highest vantage point in Montana.

A highlight of the aerial tramway is the new CWA cabins, which in summer have two rectangular glass panels in the floor and offer guests a spectacular view. In winter, these glass panels are covered. Each cabin is equipped with a PA system for announcements and music and can accommodate 75 people. The seating for up to 12 people can be flexibly arranged or removed.



40-ATW Lana-Vigiljoch

Vigiljoch GmbH
Lana, Italy

Inclined length: **2,210 m**
Vertical rise: **1,158 m**
Speed: **10.0 m/s**
Capacity: **378 PPH**



Historical

The Vigiljoch in Lana is a popular destination for tourists and local residents alike. In particular, it is well-known as a launch site for paragliders as well as for its many hiking trails, historical buildings and several ski runs. In order to address the growing numbers of visitors and consequently reduce waiting times, the decision was taken in 2022 to install a completely new, state-of-the-art installation. The new Carvatech cabins provide room for 40 passengers. In combination with a higher travel speed, the Vigiljoch tramway now impresses with twice the capacity of its predecessor. A major focus of the construction project was staying true to the tramway's historical roots. The upper and lower terminals dating from 1912 are listed buildings and have been carefully incorporated into the new design.

8-ATW Graseckbahn

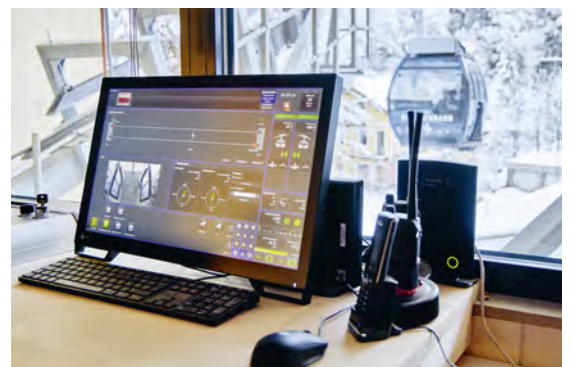
Graseckbahn GmbH & Co. KG
Garmisch-Partenkirchen,
Germany

Inclined length: **497 m**
Vertical rise: **113 m**
Speed: **5.0 m/s**
Capacity: **150 PPH**



Collaborative

Modernity meets nostalgia. In future, hotel, clinic and hiking guests in Garmisch-Partenkirchen will continue to benefit from a special means of accessing the hotel Das Graseck. The new small-cabin tramway, which replaces its 70-year-old predecessor, was created as part of a collaboration between Doppelmayr and Inauen-Schättli. The showstopper: Just like using an elevator, passengers can press a button to travel to their destination at an elevation of 885 meters. The tramway climbs 113 vertical meters during the trip to the foot of the Dreitorspitze in the Wetterstein mountain range. Operation is constantly monitored via screens at the hotel reception. This modern installation featuring OMEGA IV cabins now ensures problem-free transport for wheelchairs, bicycles and freight.



3S Gondola Lifts

TG

D

30-TGD MODERNIZATION
Saas-Fee-Maste 4

Saastal Bergbahnen AG
Saas-Fee, Switzerland

Inclined length: **2,905 m**
Vertical rise: **808 m**
Speed: **6.0 m/s**
Capacity: **1,490 PPH**



30-TGD **MODERNIZATION** Maste 4-Felskinn

Saastal Bergbahnen AG
Saas-Fee, Switzerland

Inclined length: **1,472 m**
Vertical rise: **390 m**
Speed: **5.4 m/s**
Capacity: **1,420 PPH**



Major

Thanks to its innovative technology and efficient transport capacity, the two-section Alpin Express in Saas-Fee sets a milestone in the development of modern ropeway systems. Originally built by Von Roll, this lift recently underwent a major upgrade: a complete control system rebuild carried out with cutting-edge technology from Frey Stans.

The first section, which was opened back in 1991, held the distinction of being the first installation worldwide to use the advanced 3S ropeway system. With an hourly capacity of 1,490 passengers, this lift efficiently covers the distance from the bottom station at 1,782 meters to the top station at 2,590 meters. The following section, launched in 1994, built on from its predecessor and expanded the system in terms of technology. It connects the elevations at 2,590 meters and 2,980 meters.

Combination Lifts



ED

6/10-CGD Belle Etoile

Sata 2 Alpes
Les Deux Alpes, France

Inclined length: **1,546 m**

Vertical rise: **526 m**

Speed: **5.0 m/s**

Capacity: **2,967 PPH**





6/8-CGD Sonnkogelbahn

Schmittenhöhebahn AG
Zell am See, Austria

Inclined length: **1,210 m**

Vertical rise: **452 m**

Speed: **5.0 m/s**

Capacity: **2,500 PPH**





Flexible

In the winter, it's a 6-seater chairlift and, in the summer, an 8-passenger gondola – so you might say, the best of both worlds. That sums up the new Sonnkogel chairlift on the Schmittenhöhe in Zell am See. Its special feature: No refitting work has to be performed by the lift company for the operational changeover between seasons. An ingenious station design with additional station curves makes it all possible. Passengers benefit from tailored transportation at any time of the year. Skis and snowboards don't have to be removed when using the chairs. AUTOLOCK and seat heating provide additional safety and comfort. In the warm months of the year, spacious OMEGA V cabins invite families and outdoor sports enthusiasts to enjoy comfortable panoramic rides and unforgettable mountain experiences.



Detachable Gondola Lifts

MCG

GD

10-MGD BUGA Mannheim

Bundesgartenschau Mannheim 2023 gGmbH
Mannheim, Germany

Inclined length: **2,056 m**

Vertical rise: **6 m**

Speed: **6.5 m/s**

Capacity: **2,800 PPH**





Sustainable

Over a period of 178 days, three million passengers experienced an exceptional gondola ride during their visit to the Federal Horticultural Show (BUGA 23) in Mannheim. The focus of this temporary exhibition was on the challenges of our times: climate, energy, environment and food security.

BUGA's emphasis on sustainability was also underlined by the mobility solution for the grounds. A 10-passenger gondola lift connected the Spinellipark with Luisenpark exhibition areas and, along its two-kilometer route, crossed Mannheim's urban infrastructure such as the River Neckar waterway and the German railroad. For passengers, the gondola opened up entirely new vistas of the city during the trip.

Following the Federal Horticultural Show, the BUGA Mannheim gondola was dismantled and will be moving to an Austrian ski resort.



10-MGD Rocher de l'Aigle

Régie Autonome des Remontées
Mécaniques Montgenèvre
Montgenèvre, France

Inclined length: **1,773 m**

Vertical rise: **423 m**

Speed: **7.0 m/s**

Capacity: **2,220 PPH**



10-MGD Al-Andalus

CETURSA
Sierra Nevada, Spain

Inclined length: **2,510 m**

Vertical rise: **543 m**

Speed: **6.0 m/s**

Capacity: **2,700 PPH**



10-MGD Aprica-Magnolta

SITA S.p.A.
Aprica, Italy

Inclined length: **1,968 m**
Vertical rise: **658 m**
Speed: **6.0 m/s**
Capacity: **2,000 PPH**



10-MGD Zadni Vogel

VOGEL D.O.O.
Bohinjsko jezero, Slovenia

Inclined length: **1,120 m**
Vertical rise: **359 m**
Speed: **5.0 m/s**
Capacity: **1,500 PPH**



Fairy-tale

Mount Vogel in Slovenia's Triglav National Park, with its proximity to the idyllic Lake Bohinj (Bohinjsko jezero), is an almost fairy-tale destination. Visitors receive a warm welcome here all year round. The summer offers a host of hiking possibilities, bike trails and the scenic natural beauty of alpine surroundings. This experience continues into the winter. The very snow-sure Vogel Ski Center offers skiing guests trails with entirely natural snow and no artificial snowmaking. The 10-passenger Zadnji Vogel gondola is the latest highlight at the resort and the first of its kind in Slovenia. This D-Line lift replaces a fixed-grip double chairlift and brings a first-class ride experience to the Vogel Ski Center with modern OMEGA V cabins.



10-MGD Skyline Queenstown

Skyline Enterprises Ltd
Queenstown, New Zealand

Inclined length: **760 m**
Vertical rise: **438 m**
Speed: **5.0 m/s**
Capacity: **3,000 PPH**



Proud

Officially launched on June 29, 2023, by Skyline Enterprises Ltd and Doppelmayr, the new and improved Skyline Queenstown Gondola features 35 cabins, each carrying up to 10 passengers. Operating at speeds of up to five meters per second, the gondola can transport 6,000 people per hour to and from the summit of Bob's Peak – a 300% increase over the previous system.

Waiting times are history, thanks to the system's enhanced efficiency, which enables guests to arrive at their destination more quickly. The introduction of the new OMEGA V cabins also provides a more comfortable journey and features floor-to-ceiling windows, ensuring that guests won't miss out on any scenic views. Doppelmayr New Zealand is particularly proud of this new gondola lift since it is a fantastic and timely celebration of the 35-year partnership between the local Doppelmayr subsidiary and Skyline Queenstown.



10-MGD **AURO** Morgins–La Foilleuse

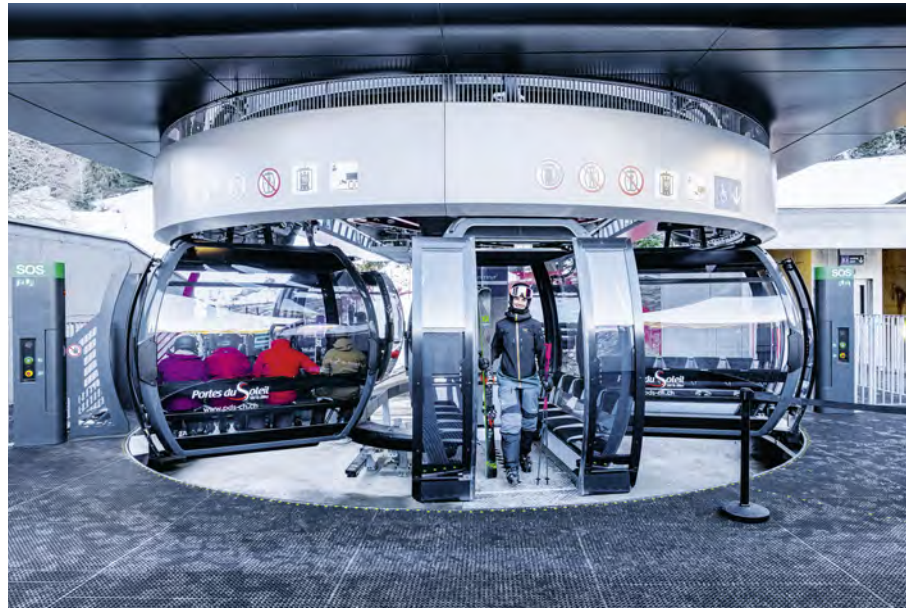
Portes du Soleil Suisse SA
Morgins, Switzerland

Inclined length: **1,268 m**

Vertical rise: **499 m**

Speed: **5.5 m/s**

Capacity: **2,100 PPH**



Barrier-free

The tourist destination Morgins put their new 10-passenger detachable gondola to La Foilleuse into service on time for the start of the 2023/24 winter season. The new installation enables year-round, barrier-free operation in accordance with the Disability Discrimination Act (BehiG). The lift also incorporates the AURO system for autonomous ropeway operation, which enables ropeways to be run with un-manned stations. The cabin boarding and disembarkation areas are monitored using cameras and sensors. As a consequence, the system independently identifies any situations that deviate from normal operation and reacts appropriately without human intervention.

The new lift is fitted with 38 OMEGA V cabins built by CWA. These provide plenty of space and incorporate a TWISTIN ski rack integrated into the floor, which allows the convenient transportation of skis inside the cabin. Mountain bikes can also be carried on board in the summer.

10-MGD Sonnen

KLAUSBERG AG / S.p.A.
Ahrntal, Italy

Inclined length: **1,458 m**
Vertical rise: **578 m**
Speed: **5.0 m/s**
Capacity: **2,400 PPH**



10-MGD AURO
Kieserl 1

Großarler Bergbahnen GmbH & Co KG
Großarl, Austria

Inclined length: **962 m**

Vertical rise: **379 m**

Speed: **6.0 m/s**

Capacity: **1,900 PPH**



10-MGD **AURO** Kieserl 2

Großarlter Bergbahnen GmbH & Co KG
Großarl, Austria

Inclined length: **2,334 m**
Vertical rise: **672 m**
Speed: **6.5 m/s**
Capacity: **1,900 PPH**



Ingenious

Summer or winter, the Großarl in Salzburg is always worth a visit. Part of the reason for that is the new Kieserl gondola, which opened for the start of the winter season. With multifunctional premises at the base, carrier parking in the mid-station and the restaurant on the mountain, this lift leaves nothing to be desired for customer and guests. The construction of the modern gondola lift in the “valley of mountain pastures” called for highly complex planning. Movable segments of the mid-station and individual towers enable the lift to compensate for natural slope movements. In addition, the Kieserl gondola runs autonomously and is therefore also economically fit for the future thanks to the AURO system. Another special feature: Despite through operation, the lift runs at different speeds – 6 m/s in the first section, 6.5 m/s in the second.

10-MGD Mer de Glace

Compagnie de la Mer de Glace
Chamonix, France

Inclined length: **585 m**
Vertical rise: **204 m**
Speed: **5.0 m/s**
Capacity: **1,500 PPH**



Visionary

The new 10-passenger gondola lift Mer de Glace went into service in Chamonix in February 2024. It provides convenient access to the glacier of the same name, which is the biggest in France, and to the Montanvers mountain experience with its unique cave. Visitors, hikers and skiers from the Vallée Blanche are particularly delighted with the new D-Line installation.

The installation teams faced constant challenges during the construction phase. The nature of the terrain, the difficulties in accessing the construction sites, inclement weather, and complex logistics were nonetheless mastered with flying colors and exemplary teamwork.

Another major milestone is planned at Mer de Glace for December 2025, when the glacier and climate interpretation center, the new Glaciorium, goes into operation. The new center will be dedicated to the topic of glaciers and provide a space for interaction, education and awareness of subjects such as the effects of climate change. A new restaurant with exceptional panoramic views is also to be built above the top station building in 2024.

10-MGD Wild Blue Gondola Section II

Steamboat Ski Resort
Steamboat Springs, CO, USA

Inclined length: **3,732 m**
Vertical rise: **848 m**
Speed: **7.0 m/s**
Capacity: **3,200 PPH**



Gigantic

The Wild Blue Gondola Section I at Steamboat Ski Resort, Colorado, opened in 2022. One year later, it now has a second section. With its impressive characteristics, the 10-passenger D-Line gondola lift has already inspired a nickname. The installation is affectionately known as “The Monster”. This is because the Wild Blue Gondola Section II is truly gigantic: The drive, a Doppelmayr Direct Drive “Large”, has a diameter of 4.5 meters, making it unique to date. The highest tower measures 29 meters, the haul rope has a diameter of 64 millimeters, and the travel speed is 7 m/s. 113 new OMEGA V cabins from CWA are available to guests.

The trip time from the valley to Sunshine Peak is around 13 minutes for a total length of over five kilometers – which makes it the longest 10-passenger gondola lift in all North America. If necessary, only one of the two sections can be operated. This allows the operator to react flexibly if, for example, there is a lot of wind in the upper area.

10-MGD AURO Komperdellbahn I

Seilbahn Komperdell GmbH
Serfaus, Austria

Inclined length: **550 m**
Vertical rise: **163 m**
Speed: **5.0 m/s**
Capacity: **3,500 PPH**



Autonomous

The new 10-passenger gondola lift in Serfaus can be called a game changer without any risk of exaggeration. With a capacity increase from 2,400 to 3,500 passengers an hour in each direction and the first-ever deployment of OMEGA IV XXL cabins, this installation takes the mountain experience to a new level in the summer as well as in the winter. The incorporated AURO system enables autonomous, i.e. unmanned, operation in the bottom and top stations – either with through operation or with each section running independently. The newly built intermediate station houses not only the carrier parking but also the modern Ropeway Operation Center, where one operative monitors operations. In addition, the new intermediate station relieves the bottom section by providing passenger flows from Fiss and skiing beginners an alternative to the challenging downhill run to Serfaus.



10-MGD **AURO** Komperdellbahn II

Seilbahn Komperdell GmbH
Serfaus, Austria

Inclined length: **2,074 m**

Vertical rise: **371 m**

Speed: **6.5 m/s**

Capacity: **3,500 PPH**



8-MGD Lumbini

Lumbini Cable Car Ltd.
Butwal, Nepal

Inclined length: **2,569 m**

Vertical rise: **710 m**

Speed: **5.0 m/s**

Capacity: **600 PPH**



**8-MGD
Safed Dara 2**

CJSC "Safed-Dara"
Takob, Tajikistan

Inclined length: **1,584 m**
Vertical rise: **431 m**
Speed: **5.5 m/s**
Capacity: **1,290 PPH**



8-MGD Hai Ennasr-Si Salah- Moulay Abdelkader

Entreprise du Métro d'Alger
Oran, Algeria

Inclined length: **1,825 m**

Vertical rise: **318 m**

Speed: **6.0 m/s**

Capacity: **1,500 PPH**



8-MGD Qingjiang

HBCT Enshi Passenger Ropeway Co., Ltd
Enshi, Hubei, China

Inclined length: **754 m**

Vertical rise: **156 m**

Speed: **6.0 m/s**

Capacity: **2,700 PPH**



8-MGD Sterling Vineyards Gondola

Sterling Vineyards
Calistoga, CA, USA

Inclined length: **856 m**
Vertical rise: **69 m**
Speed: **3.1 m/s**
Capacity: **1,930 PPH**



Inviting

The Napa Valley is not only known for its picturesque vineyards and excellent wines, but also for the Sterling Vineyards Gondola built by Doppelmayr in the early 1970s. In September 2020, a fire in Napa Valley destroyed more than 27,000 hectares of land – including portions of the Sterling Vineyards winery and its gondola.

Since October 28, 2023, Sterling Vineyards has officially reopened to guests – including a new D-Line gondola lift that takes wine lovers over a triangular route and rewards them with the best views of the Palisades Mountains. Comfortable OMEGA V cabins invite you to enjoy a fantastic 360-degree panoramic view.

In addition to the comprehensive modernization, Sterling Vineyards has opted for a five-year O&M contract with Doppelmayr Cable Car. The Doppelmayr experts will ensure the safe and smooth operation of the Sterling Vineyards Gondola.



8-MGD Yanoda Lift 1

Hainan Yanoda Sightseeing
Ropeway Industry Co., Ltd
Baoting, Hainan, China

Inclined length: **1,443 m**
Vertical rise: **305 m**
Speed: **6.0 m/s**
Capacity: **2,400 PPH**



Exciting

The Hainan Yanoda Tropical Rainforest Cultural Tourism Area is a large-scale tourist destination that integrates rainforest sightseeing, cultural experiences, leisure activities, and health wellness. The Yanoda D-Line ropeway officially commenced operation on January 21, 2023, coinciding with the Chinese Lunar New Year's Eve. It includes China's first two D-Line installations.

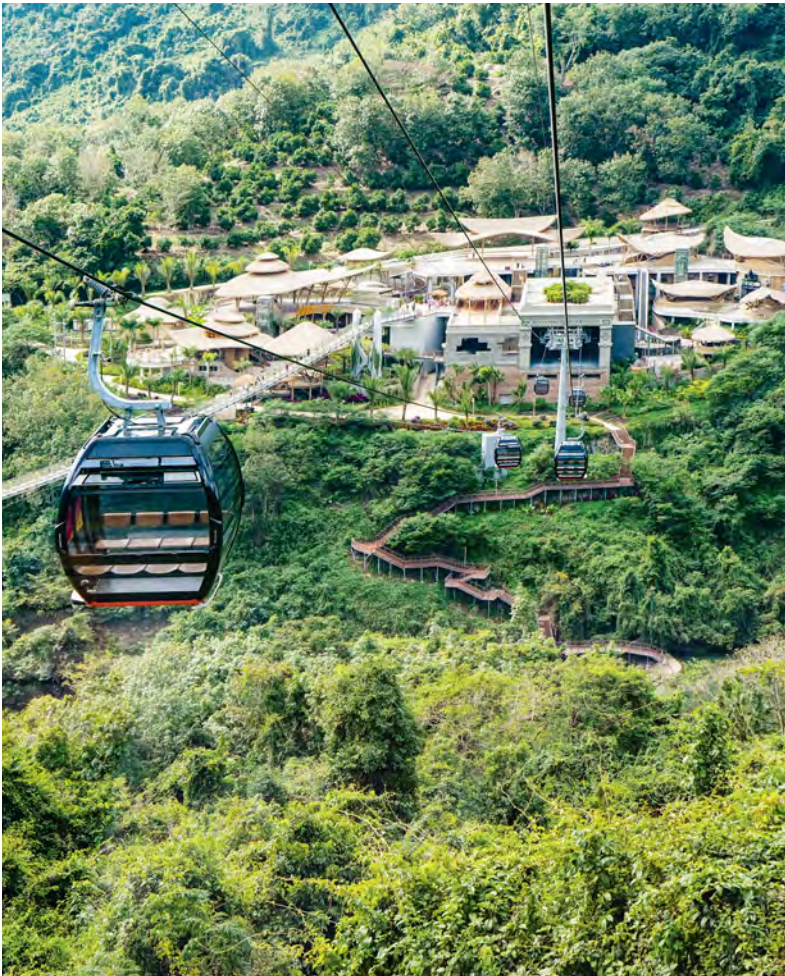
All Yanoda OMEGA V cabins – 96 in total – are equipped with 360-degree panoramic windows, comfortable, ergonomic individual seats, ceiling lighting, and ambient night lights under the seats. 15 cabins feature a glass floor. Additionally, the ICT system inside the cabins can not only broadcast audio and video but also facilitate two-way communication with the operatives. Both installations are equipped with the Doppelmayr Direct Drive and reach a capacity of 2,400 passengers per hour.



8-MGD Yanoda Lift 2

Hainan Yanoda Sightseeing
Ropeway Industry Co., Ltd
Baoting, Hainan, China

Inclined length: **1,216 m**
Vertical rise: **178 m**
Speed: **6.0 m/s**
Capacity: **2,400 PPH**



8-MGD Albonabahn I

Stubner Fremdenverkehrs-
gesellschaft m.b.H
Stuben am Arlberg, Austria

Inclined length: **1,115 m**
Vertical rise: **440 m**
Speed: **5.0 m/s**
Capacity: **1,600 PPH**



8-MGD Jiuxiang

Yiliang EXPO Jiuxiang Cultural
Tourism Town Co., Ltd
Jiuxiang, Yunnan, China

Inclined length: **1,499 m**
Vertical rise: **116 m**
Speed: **6.0 m/s**
Capacity: **3,000 PPH**



8-MGD Maulakali

Maulakali Cable Car Ltd.
Chitwan, Nepal

Inclined length: **1,189 m**

Vertical rise: **320 m**

Speed: **5.0 m/s**

Capacity: **600 PPH**



8-MGD Wangmangling Lift-1

Shanxi Taihang Yunding Culture
Tourism Development Co., Ltd
Jincheng, Shanxi, China

Inclined length: **2,533 m**
Vertical rise: **291 m**
Speed: **6.0 m/s**
Capacity: **2,500 PPH**



Detachable Chairlifts

C L I

D

8-CLD-B Limbergbahn

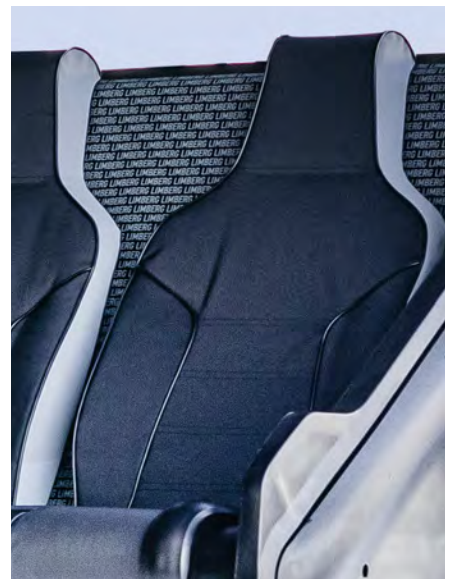
Saalbacher Bergbahnen GesmbH
Saalbach, Austria

Inclined length: **1,370 m**

Vertical rise: **450 m**

Speed: **6.0 m/s**

Capacity: **3,600 PPH**





8-CLD Adventure 8

Mount St. Louis Moonstone
Ski Resort Ltd
Coldwater, ON, Canada

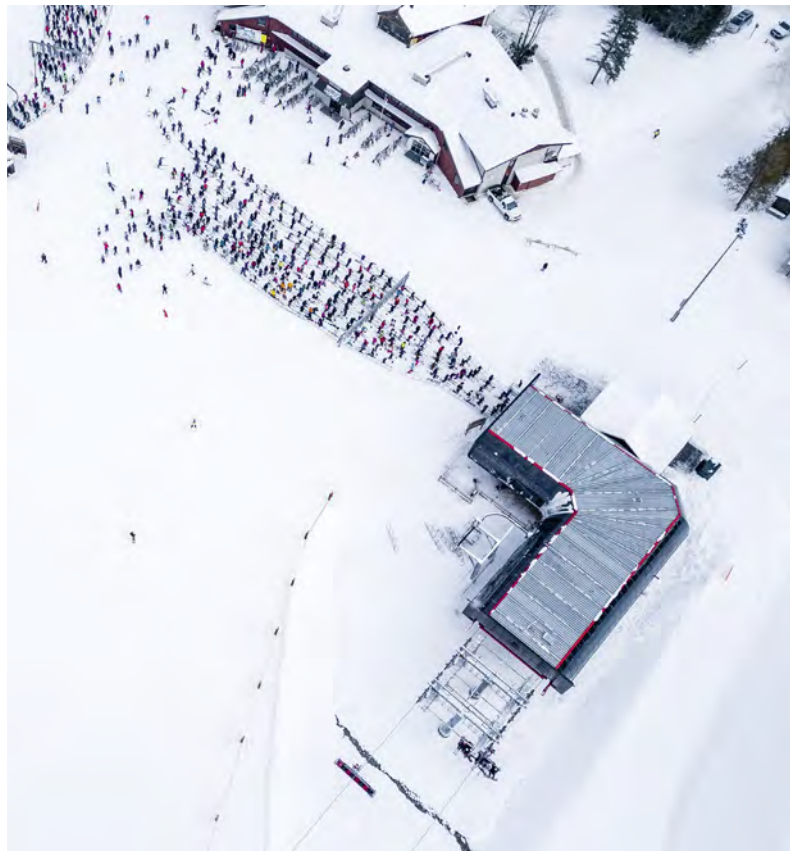
Inclined length: **652 m**
Vertical rise: **145 m**
Speed: **5.0 m/s**
Capacity: **4,250 PPH**



Powerful

Mount St. Louis Moonstone has had an 8-seater chairlift since the 2023/24 winter season. It offers passengers maximum comfort and also amazes with a remarkable transport capacity of 4,250 passengers per hour. For guests, this means more fun on the slopes and less waiting time. The new chairlift confirms the commitment of the popular Canadian ski resort to improving the guest experience.

A particular eye-catcher of the installation is its L-shaped bottom station with multimedia screen. There is also a height-adjustable conveyor belt in the entrance area, which makes it easy even for little skiers to get on the chairs. During the ride, heated seats and a restraining bar with central footrests ensure comfort and safety.



8-CLD Fitzsimmons Express

Whistler Blackcomb Holdings, Inc.
Whistler, BC, Canada

Inclined length: **1,747 m**
Vertical rise: **343 m**
Speed: **5.0 m/s**
Capacity: **3,300 PPH**

Adaptable

Originally intended for a different ski resort, the D-Line 8-seater chairlift Fitzsimmons Express in Whistler Blackcomb has now arrived at its perfect destination. The Doppelmayr teams pulled all the strings to adapt the original installation to the new requirements. For example, the drive and return stations were expertly swapped, placing the slightly longer station at the summit to allow for self-unloading of bikes during summer bike transport. When Fitzsimmons opened their bike park back in 1999, this was one of the first lifts worldwide with bike carriers. The new Fitzsimmons Express continues in this pioneering spirit by featuring the Bike Clip for efficient and convenient bike transport.



6-CLD-B
Nare's Express

Myler Mountain Resort
Yeghipatrush, Armenia

Inclined length: **2,038 m**
Vertical rise: **404 m**
Speed: **5.0 m/s**
Capacity: **2,200 PPH**



6-CLD-B Söderåsen Express

SkiStar Sälen
Lindvallen, Sweden

Inclined length: **1,490 m**

Vertical rise: **293 m**

Speed: **6.0 m/s**

Capacity: **2,400 PPH**



New

The Söderåsen Express in Lindvallen replaces a quad chairlift built in 1988 and is now a 6-seater chairlift belonging to the D-Line ropeway generation. Equipped with seat heating and bubbles, the new lift offers optimal comfort. Another bonus for guests is the new alignment. The bottom station is now easier to reach for arriving winter sports enthusiasts, and the top station has been placed in a position that is sheltered from the wind. This considerably reduced the distance to be covered on foot in order to reach the slopes, and the new transport capacity of 2,400 passengers an hour helps to get off to a faster start for a day's skiing. SkiStar has therefore met its own goal of boosting guest satisfaction, as mountain vacations in Lindvallen are very popular. In order to address the high demand, further infrastructure such as accommodation is to be added in the area of the Söderåsen Express bottom station at a later date. Future development also includes new trails and restaurants aimed at creating a comprehensive ski-in/ski-out offer.

6-CLD-B Barker 6

Sunday River
Newry, ME, USA

Inclined length: **1,478 m**

Vertical rise: **424 m**

Speed: **6.0 m/s**

Capacity: **2,700 PPH**



6-CLD-B Camelot 6

The Highlands
Harbor Springs, MI, USA

Inclined length: **890 m**

Vertical rise: **148 m**

Speed: **6.0 m/s**

Capacity: **2,541 PPH**



Advanced

The Highlands ski resort in Michigan offers its guests innovation and speed. The Camelot 6 D-Line 6-seater chairlift presents numerous superlatives. It is the first 6-seater chairlift with bubbles in the Midwest and also the fastest lift with a travel speed of 6 m/s. This means that guests get to the slopes in just three minutes. The fully automatic restraining bar is being used for the first time in the USA. The AUTOLOCK system closes, locks and opens the bar fully automatically. Combined with the comfortable seat heating of the ergonomic individual seats and the height-adjustable loading conveyor at the entrance, Camelot 6 offers its guests the most modern chairlift features available on the market with maximum comfort and safety.

6-CLD-B New Gudaura

LTD MTA
Gudauri, Georgia

Inclined length: **1,235 m**

Vertical rise: **227 m**

Speed: **5.0 m/s**

Capacity: **2,400 PPH**



6-CLD-B Kikilo

LTD MTA
Gudauri, Georgia

Inclined length: **1,345 m**
Vertical rise: **422 m**
Speed: **5.0 m/s**
Capacity: **2,400 PPH**

Turnkey

Thanks to its elevation ranging from 1,990 to 3,307 meters, the Gudauri ski resort roughly 120 kilometers north of Tbilisi offers excellent conditions for skiers and snowboarders from December through to April – with magnificent views of the Greater Caucasus included.

Doppelmayr built two new ropeways in preparation for the FIS Snowboard World Cup stage in February 2024. Both of these projects were delivered on a turnkey basis, along with all the necessary construction and installation work as well as the power supply. Once again, Doppelmayr demonstrated its leading position in the market and its ability to successfully complete the most ambitious projects in record time. With the two new D-Line chairlifts, which were accomplished in just five months, the ski resort is strengthening its position as a top winter sports destination in the region and attracting tourists from around the globe.



6-CLD-B Mašinžaga

UNITUR D.O.O.
Rogla, Slovenia

Inclined length: **1,024 m**

Vertical rise: **171 m**

Speed: **5.0 m/s**

Capacity: **2,400 PPH**



6-CLD-B Zbojnik II

SKI Vítkovice - Bílá z.s.
Bílá, Czech Republic

Inclined length: **806 m**

Vertical rise: **229 m**

Speed: **5.0 m/s**

Capacity: **2,400 PPH**



6-CLD-B Wildkopfbahn

Bergbahnen Turracher Höhe GmbH
Turrach, Austria

Inclined length: **590 m**

Vertical rise: **112 m**

Speed: **5.0 m/s**

Capacity: **2,450 PPH**





6-CLD-B Mitterlegerbahn

Gerlospaß-Königsleiten-
Bergbahnen GmbH
Wald im Pinzgau, Austria

Inclined length: **1,176 m**

Vertical rise: **379 m**

Speed: **5.0 m/s**

Capacity: **2,000 PPH**



Modern

After 27 years in operation, a fixed-grip double chairlift in Königsleiten in the Zillertal Arena was replaced by the fast, modern Mitterleger lift incorporating 6-seater chairs, bubbles and seat heating. In addition to providing greater comfort, the new detachable D-Line chairlift has increased speed from 2 to 5 m/s. This is a highlight that enhances the appeal of the surrounding trails and marks the next modernization step for the area. Guests skiing from the Panoramaalm in the direction of Königsleiten will also find the Mitterleger lift an attractive option for repeat uphill rides.

6-CLD Crest 6

Brighton Resort
Brighton, UT, USA

Inclined length: **1,723 m**
Vertical rise: **364 m**
Speed: **6.0 m/s**
Capacity: **2,700 PPH**



6-CLD Mardi Gras

Holiday Valley
Ellicottville, NY, USA

Inclined length: **1,304 m**

Vertical rise: **211 m**

Speed: **5.1 m/s**

Capacity: **2,990 PPH**



6-CLD Challenger

Sun Valley Resort
Sun Valley, ID, USA

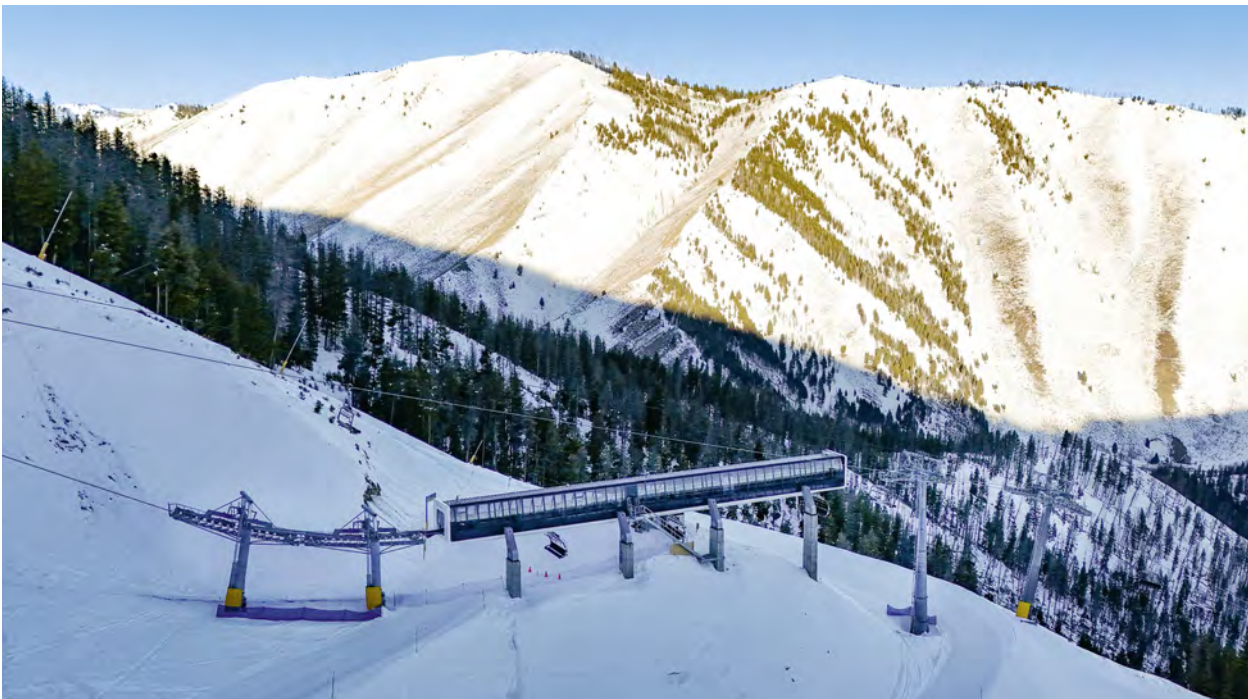
Inclined length: **2,655 m**
Vertical rise: **956 m**
Speed: **6.0 m/s**
Capacity: **2,600 PPH**



Impressive

Since December 2023, the Sun Valley ski resort in Idaho has been soaring high. The impressive Challenger 6-seater chairlift definitely lives up to its name. It replaces two quad chairlifts and covers an impressive 956 meters of vertical rise over an inclined length of 2,655 meters – more than any other chairlift in North America. To maintain access to the popular slopes in the Greyhawk terrain, an intermediate station has been placed where the former Greyhawk lift had its top station. This allows passengers to decide whether they want to get off at the intermediate station or continue to the Challenger mountain station.

Together with Doppelmayr, Sun Valley Resort implemented a second chairlift for the start of the 2023/24 winter season: Flying Squirrel. Both lifts have their bottom station in Warm Springs and are ideal access points for an exciting day of skiing.



6-CLD Skyliner Express

Mt. Bachelor
Bend, OR, USA

Inclined length: **1,753 m**

Vertical rise: **394 m**

Speed: **5.1 m/s**

Capacity: **3,200 PPH**



6-CLD Voyageur Express

Snowriver Mountain Resort
Wakefield, MI, USA

Inclined length: **930 m**
Vertical rise: **164 m**
Speed: **5.1 m/s**
Capacity: **3,200 PPH**



6-CLD Eagle Express

Solitude Mountain Resort
Solitude, UT, USA

Inclined length: **1,443 m**

Vertical rise: **410 m**

Speed: **5.1 m/s**

Capacity: **3,000 PPH**



6-CLD
Canyon Express - Chair 16

Mammoth Mountain
Mammoth Lakes, CA, USA

Inclined length: **1,694 m**
Vertical rise: **370 m**
Speed: **6.0 m/s**
Capacity: **3,000 PPH**



6-CLD Port Negre

EMAP/SETAP365
Arinsal, La Massana, Andorra

Inclined length: **1,593 m**
Vertical rise: **394 m**
Speed: **5.0 m/s**
Capacity: **2,400 PPH**

Connecting

The family-friendly Arinsal ski resort in the heart of the Pyrenees has taken an important development step with its new chairlift Port Negre. The detachable 6-seater chairlift enables a fast ride of just over five minutes up to the highest point of the slopes, located at an elevation of 2,489 meters. Compared to its predecessor, a quad chairlift, it reduces the travel time for guests dramatically. The latest D-Line technology combines a modern design and elegant colors with improved performance and maximum comfort for passengers and operators.

The ropeway ensures a reliable connection between the Arinsal and Pal resorts and is the first lift of the future ski area, whose expansion is planned for the next two years. For Pal-Arinsal, this is therefore a major step toward an ambitious project and part of the strategy to consolidate Andorra as a 365-day tourist destination.



4-CLD-B Trasa 7

Kolej Gondolowa Jaworzyna Krynicka S.A.
Krynica Zdrój, Poland

Inclined length: **393 m**

Vertical rise: **53 m**

Speed: **5.0 m/s**

Capacity: **1,800 PPH**



4-CLD Les Joux-Plan Francey

Centre Touristique Gruyères-Molésion-Vudalla SA
Molésion S. Gruyères, Switzerland

Inclined length: **770 m**

Vertical rise: **249 m**

Speed: **5.0 m/s**

Capacity: **1,800 PPH**



4-CLD MODERNIZATION Oberiberg–Steinboden

Ferien- und Sportzentrum Hoch-Ybrig AG
Oberiberg, Switzerland

Inclined length: **2,179 m**
Vertical rise: **395 m**
Speed: **5.0 m/s**
Capacity: **1,000 PPH**



4-CLD Centennial Express

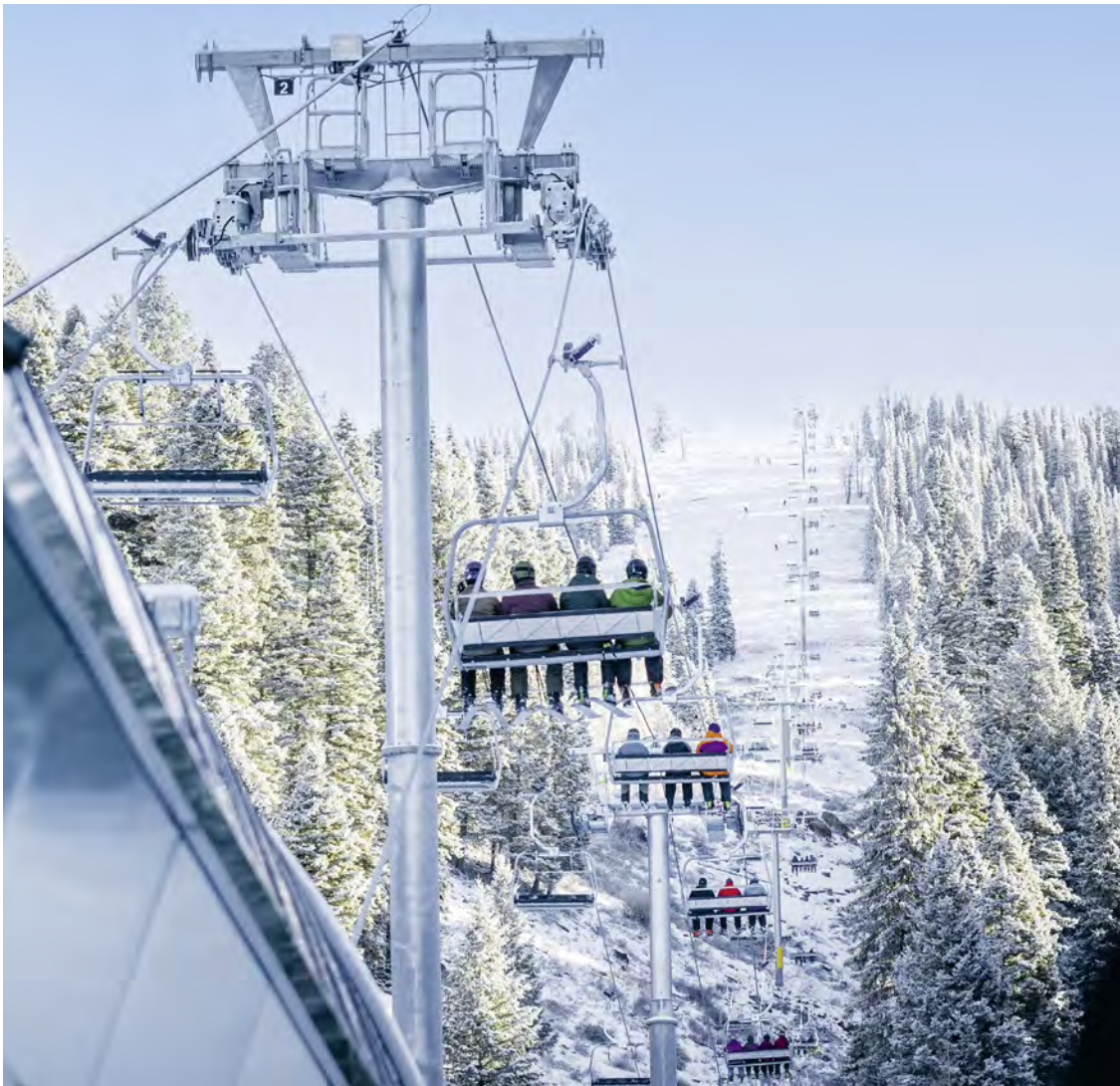
Brundage Mountain Resort
McCall, ID, USA

Inclined length: **1,760 m**

Vertical rise: **493 m**

Speed: **5.1 m/s**

Capacity: **2,400 PPH**



**4-CLD
Peak Express**

Massanutten Resort
McGaheysville, VA, USA

Inclined length: **883 m**
Vertical rise: **242 m**
Speed: **5.1 m/s**
Capacity: **2,400 PPH**



4-CLD Flying Squirrel

Sun Valley Resort
Sun Valley, ID, USA

Inclined length: **1,911 m**

Vertical rise: **720 m**

Speed: **5.1 m/s**

Capacity: **2,200 PPH**



4-CLD Game Changer

Utah Olympic Park
Park City, UT, USA

Inclined length: **1,050 m**

Vertical rise: **364 m**

Speed: **5.1 m/s**

Capacity: **2,400 PPH**



4-CLD RM6 - L'Express des Épinettes

Bromont, montagne d'expériences
Bromont, QC, Canada

Inclined length: **995 m**

Vertical rise: **244 m**

Speed: **5.0 m/s**

Capacity: **2,400 PPH**



4-CLD The Notch

Whiteface Mountain
Wilmington, NY, USA

Inclined length: **1,336 m**
Vertical rise: **219 m**
Speed: **5.1 m/s**
Capacity: **2,000 PPH**



Fixed-Grip Chairlifts

**C
L**



4-CLF Kapellenbahn

Liftgesellschaft Altastenberg GmbH & Co KG
Altastenberg, Germany

Inclined length: **554 m**

Vertical rise: **101 m**

Speed: **2.2 m/s**

Capacity: **2,373 PPH**



**4-CLF
Himos 13**

Himos-Yhtiöt Oy
Jämsä, Finland

Inclined length: **555 m**
Vertical rise: **117 m**
Speed: **2.6 m/s**
Capacity: **2,406 PPH**



4-CLF La Fenster

Développement de Ski
Belle-Neige Inc.
Val-Morin, QC, Canada

Inclined length: **566 m**
Vertical rise: **129 m**
Speed: **2.3 m/s**
Capacity: **2,381 PPH**



4-CLF Apollo

Les Sommets de la Vallée Inc. -
Sommet Olympia
Piedmont, QC, Canada

Inclined length: **951 m**
Vertical rise: **192 m**
Speed: **2.5 m/s**
Capacity: **2,390 PPH**



4-CLF Lodge Chair

Mt. Seymour Resorts, Ltd.
Mt. Seymour, BC, Canada

Inclined length: **440 m**

Vertical rise: **90 m**

Speed: **2.3 m/s**

Capacity: **1,613 PPH**



4-CLF Lookout

Buck Hill
Burnsville, MN, USA

Inclined length: **369 m**
Vertical rise: **76 m**
Speed: **1.9 m/s**
Capacity: **2,373 PPH**



4-CLF Boyneland

Boyne Mountain
Boyne Falls, MI, USA

Inclined length: **521 m**

Vertical rise: **52 m**

Speed: **2.3 m/s**

Capacity: **2,383 PPH**



4-CLF Skyline Luge Kuala Lumpur

Skyline Luge Kuala Lumpur Sdn Bhd
Kuang, Selangor, Malaysia

Inclined length: **138 m**
Vertical rise: **38 m**
Speed: **1.1 m/s**
Capacity: **1,787 PPH**



4-CLF Smrekovec

GOLTE D.O.O.
Golte, Slovenia

Inclined length: **421 m**
Vertical rise: **148 m**
Speed: **2.6 m/s**
Capacity: **1,725 PPH**



**4-CLF
Knob Chair**

RSMI-JTAC Equipment Holdings, Ltd.
Marmot Basin, AB, Canada

Inclined length: **1,087 m**
Vertical rise: **348 m**
Speed: **2.3 m/s**
Capacity: **1,206 PPH**



4-CLF Overlook Quad

Belleayre Mountain
Highmount, NY, USA

Inclined length: **1,040 m**

Vertical rise: **273 m**

Speed: **2.3 m/s**

Capacity: **2,400 PPH**



4-CLF Stari Stani

GOLTE D.O.O.
Golte, Slovenia

Inclined length: **574 m**

Vertical rise: **120 m**

Speed: **2.6 m/s**

Capacity: **2,391 PPH**



4-CLF Timbertown Quad

Loon Mountain
Lincoln, NH, USA

Inclined length: **819 m**

Vertical rise: **148 m**

Speed: **2.3 m/s**

Capacity: **1,790 PPH**



4-CLF Tumbler

Wolf Creek Ski Area
Pagosa Springs, CO, USA

Inclined length: **277 m**
Vertical rise: **30 m**
Speed: **1.3 m/s**
Capacity: **1,200 PPH**



3-CLF Sessel

Summit at Snoqualmie
Snoqualmie Pass, WA, USA

Inclined length: **612 m**

Vertical rise: **192 m**

Speed: **2.5 m/s**

Capacity: **1,450 PPH**



3-CLF Superbowl

Boyne Mountain
Boyne Falls, MI, USA

Inclined length: **579 m**

Vertical rise: **122 m**

Speed: **2.5 m/s**

Capacity: **1,806 PPH**



3-CLF Merrill Hill II

Sunday River
Newry, ME, USA

Inclined length: **1,217 m**

Vertical rise: **229 m**

Speed: **2.5 m/s**

Capacity: **1,440 PPH**



2-CLF Granåsen Skijump

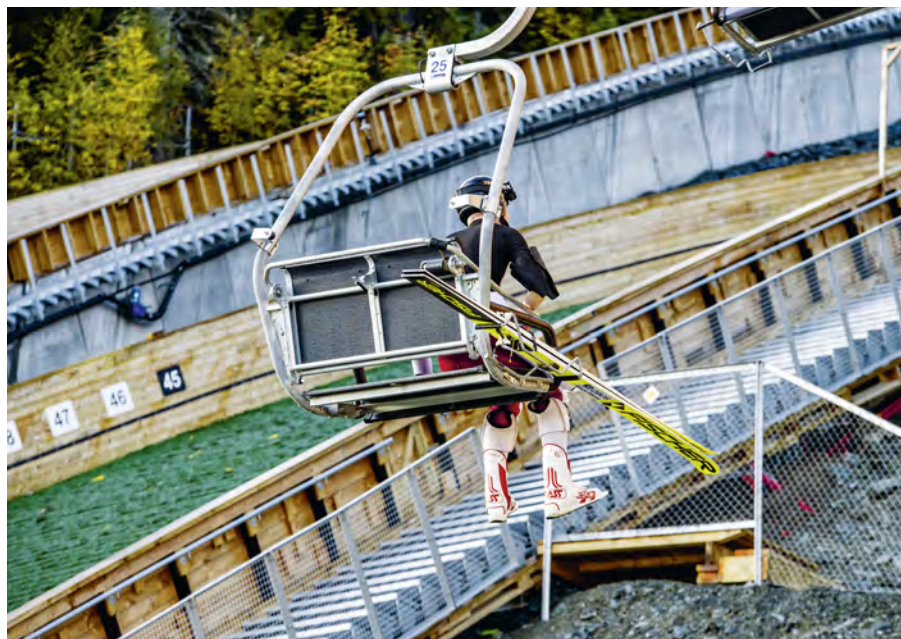
Trondheim Kommune
Trondheim, Norway

Inclined length: **221 m**

Vertical rise: **85 m**

Speed: **1.2 m/s**

Capacity: **465 PPH**



Surface Lifts

SL

2-SL Hüttenlift

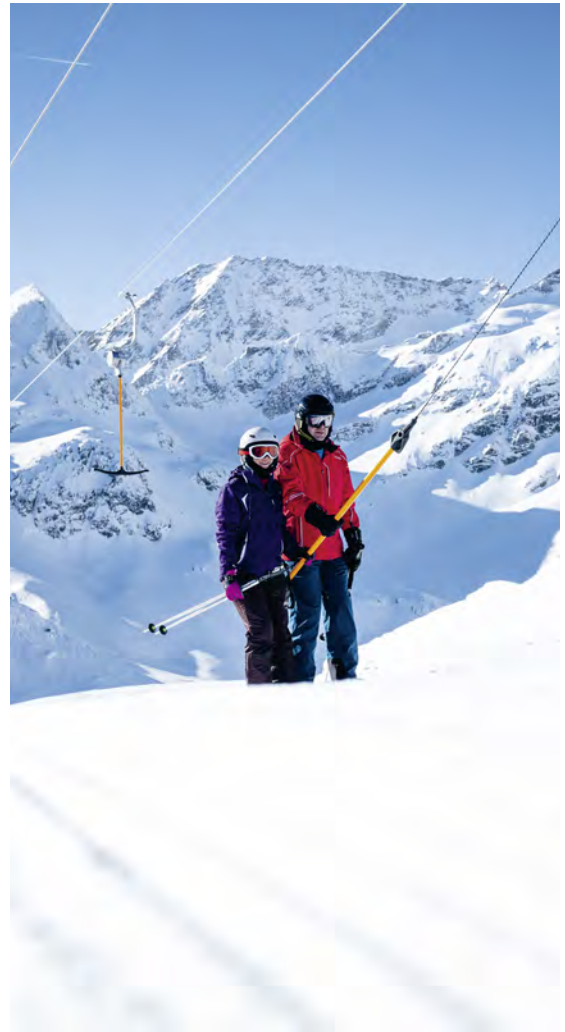
Weißsee Gletscherwelt GmbH
Uttendorf, Austria

Inclined length: **409 m**

Vertical rise: **101 m**

Speed: **3.5 m/s**

Capacity: **1,113 PPH**



2-SL Fox T-Bar

Bottineau Winter Park
Bottineau, ND, USA

Inclined length: **249 m**
Vertical rise: **45 m**
Speed: **3.0 m/s**
Capacity: **1,170 PPH**



2-SL Röstbergliften

Funäsdalsberget
Funäsdalen, Sweden

Inclined length: **761 m**
Vertical rise: **202 m**
Speed: **3.0 m/s**
Capacity: **1,199 PPH**



2-SL Uven

SkiStar Sälen
Lindvallen, Sweden

Inclined length: **1,151 m**
Vertical rise: **266 m**
Speed: **3.5 m/s**
Capacity: **1,193 PPH**



2-SL Ponijeri

Javna ustanova
Kulturno - sportski centar Kakanj
Ponijeri - Kakanj,
Bosnia and Herzegovina

Inclined length: **881 m**

Vertical rise: **151 m**

Speed: **3.2 m/s**

Capacity: **1,085 PPH**



1-SL Ice Bear Lift

Longyearbyen Lokalstyre
Longyearbyen, Spitzbergen
Norway

Inclined length: **472 m**

Vertical rise: **118 m**

Speed: **2.6 m/s**

Capacity: **710 PPH**



1-SL Høyanger

Høyanger Kommune
Høyanger, Norway

Inclined length: **149 m**

Vertical rise: **25 m**

Speed: **2.2 m/s**

Capacity: **633 PPH**



1-SL Widilift

Schiregion Hochoetz Erschließungs-GmbH
Ötz, Austria

Inclined length: **156 m**

Vertical rise: **39 m**

Speed: **1.8 m/s**

Capacity: **642 PPH**



1-SL Salvista-Itter

Bergbahnen Hohe Salve Hopfgarten-
Itter-Kelchsau GmbH & Co KG
Itter, Austria

Inclined length: **437 m**

Vertical rise: **89 m**

Speed: **2.5 m/s**

Capacity: **653 PPH**



Slick

The new S-Line surface lift generation has arrived at SkiWelt Wilder Kaiser-Brixental. The platter surface lift Salvista-Itter located at the bottom station of the Salvista gondola offers perfect practice conditions for the local ski school and can be used by children with a body height of 90 cm and above. As part of the new surface lift generation, the modern S-Line control room is also incorporated on this lift. In addition to its attractive design, the generously proportioned glazing gives lift personnel a better view of passenger loading and therefore ensures optimal operations processes. The unloading zone is monitored by video link in the control room or on an outdoor display from the base.



1-SL Innerbach

Golm Silvretta Lünersee Tourismus GmbH
Vandans, Austria

Inclined length: **294 m**

Vertical rise: **40 m**

Speed: **2.5 m/s**

Capacity: **649 PPH**



1-SL Bachlift

Bad Kleinkirchheimer
Bergbahnen AG
Bad Kleinkirchheim, Austria

Inclined length: **341 m**

Vertical rise: **64 m**

Speed: **2.2 m/s**

Capacity: **698 PPH**



Monorack

MMR

AK

Electric MRK Gaflei

Triesenberg, Liechtenstein

Inclined length: **114 m**

Vertical rise: **25 m**

Speed: **max. 0.7 m/s**

Capacity: **2 p and 80 kg**





Electric MRK Lehweg

Abtwil, Switzerland

Inclined length: **44 m**

Vertical rise: **10 m**

Speed: **max. 0.7 m/s**

Capacity: **1 p and 80 kg**



Electric MRK **MODERNIZATION** Grüsch–Cavadura

Grüsch, Switzerland

Inclined length: **162 m**

Vertical rise: **57 m**

Speed: **max. 0.7 m/s**

Capacity: **2 p and 80 kg**

Charming

For over 30 years, the owners' association of the Monorack installation in Grüsch–Cavadura had used its single-track rack-and-pinion railway to provide both summer and winter access to its vacation complex. After many thousands of trips, the time had come for a comprehensive upgrade of the installation. Garaventa was contracted to remove the entire track and to reinstall it at a height of 1.5 meters to allow year-round operation. In addition to the track, the control system, the drive and the radio remote control were entirely replaced, ensuring that the installation is now state of the art. The characteristic structure is nonetheless reminiscent of the original installation and gives it the charm of a well-restored and well-cared-for old-timer.



Intralogistics

LTN

W

Expansion Offsetdruckerei

Offsetdruckerei Schwarzach GmbH
Schwarzach, Austria

Dimensions: **L 74 x W 16 x H 36 m**

Transport unit: **Euro pallets & system pallets**

Payload: **1,200 kg**

Storage spaces: **10,500 (2012) + 5,900 (2023) = 16,400**

Storage: **Double-deep**





Familiar

A major expansion of the premises belonging to Offsetdruckerei Schwarzach had already been planned with LTW back in 2010, the aim being to double production capacity. The company also had high environmental standards for the new center. One measure aimed at minimizing the ecological footprint was the choice of wood as the construction material for the high-bay warehouse to achieve an 880-ton reduction in carbon emissions.

Another expansion to include a second high-bay warehouse followed ten years later – but this time using steel. In addition to stacker cranes and conveyor system, the software was also replaced to ensure that all goods flow processes ran smoother with even fewer interfaces. The complexity of the task was like performing open-heart surgery. The special feature of the new high-bay warehouse: The 5,900 additional storage spaces can take both euro and system pallets.

Expansion 11er Nahrungsmittel III

11er Nahrungsmittel GmbH
Frastanz, Austria

Dimensions: **L 67 x W 30 x H 27 m**

Transport unit: **Euro pallets**

Payload: **1,000 kg**

Storage spaces: **8,700 (DF3: 1991) + 8,040 (DF4: 2023) = 16,740**

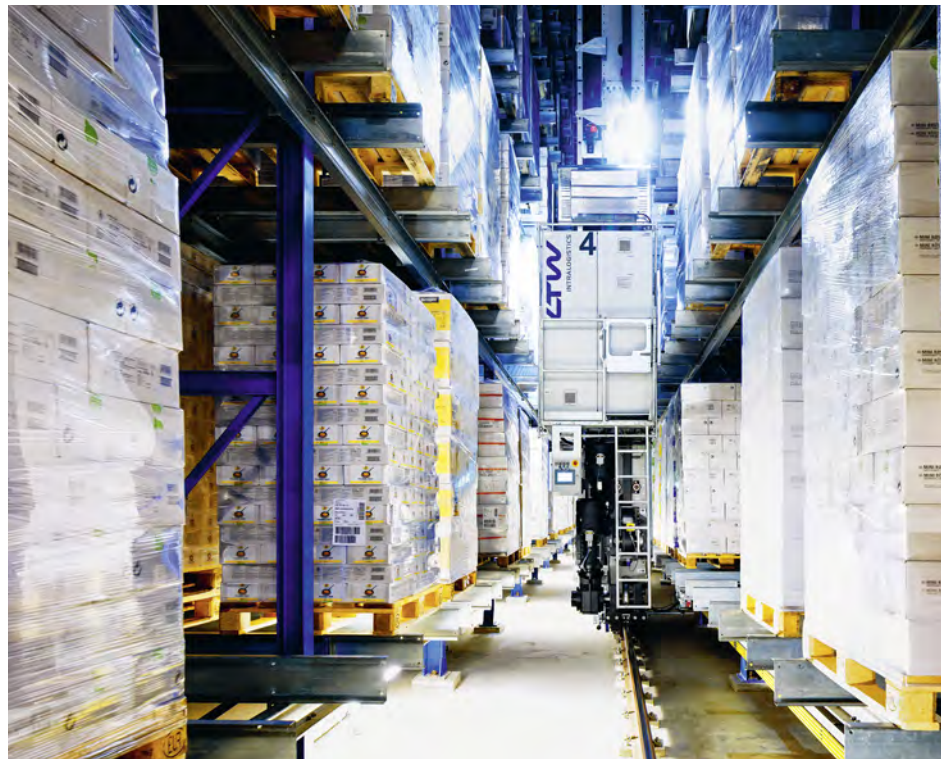
Storage: **Multi-deep**

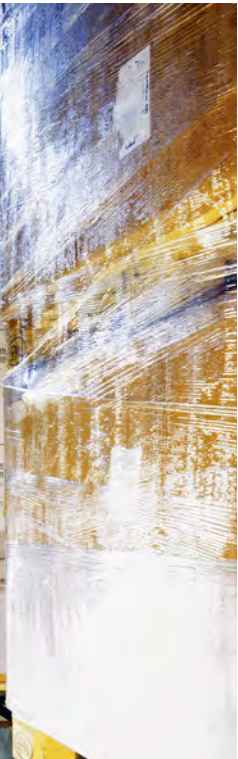


Frozen

Back in 1991, the company 11er set up its third frozen food store, and simultaneously, its first fully automated high-bay warehouse. Despite the good quality of the components, 11er was subsequently confronted with interface problems, frequent disruptions and system crashes. In 2005, the company contracted LTW to retrofit the entire system. After the three weeks it took for the conversion, working at $-28\text{ }^{\circ}\text{C}$, the system worked perfectly from day one.

Sixteen years later, the frozen food specialist faced a new challenge: lack of space. As a long-standing partner in the area of deep-freeze logistics, LTW was delighted to be chosen once again as a full-service provider for this project. With three stacker cranes, fitted with the patented aisle-changing switch technology, conveyor system and the appropriate software, the new warehouse is optimally equipped.





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