



REPORT

2019

LEITNER[®]
ropeways



Customizable High-Tech

LEITNER[®]
ropeways

2019 was another intensive and very successful year for LEITNER ropeways. The company was able to further strengthen its position in core markets and succeeded in pushing forward existing standards with innovative thinking and action, considerably influencing the future of ropeways. A decisive factor here is the company's continually expanding expertise in terms of combining the tried and tested technologies in the best possible ways and thus being prepared for any situation. Above all, the basic values that have been one of the company's key priorities from the very outset have contributed to this form of reliability: quality and innovation can be implemented to the highest degree independently for every customer request through the provision of many individual configuration options. Producing customized products is therefore among LEITNER ropeways' greatest strengths. True to the motto "Customization is part of our standards", the company also managed to implement 42 exciting and sometimes groundbreaking projects in 14 countries in 2019. The huge variety in the LEITNER ropeways fields of activity was once again evident, whether from a geographical, technological, or topographical perspective. The success of ropeways as an efficient, environmentally friendly, and safe means of transport is not just recognized in the mountains, but in cities too. This is also demonstrated by the range of projects in many regions around the world. For LEITNER ropeways, the positive developments once again pay testament to following the chosen course and continuing to strongly promote and expand on hard-won strengths.



Obereggen / IT



Savognin, Surses / CH

RETROSPECTIVE

ITALY

Ready for major events

Right in time for the upcoming 2021 Alpine World Ski Championships and the 2026 Winter Olympics, a new 10-passenger gondola lift in the Tofana ski resort in Cortina d'Ampezzo provides a comfortable ascent to Col Druscié. It replaces the first section of the 50-year-old aerial tramway "Freccia nel Cielo" and significantly reduces waiting times for winter sports enthusiasts and spectators at sports events.

The switch has also been made to a 10-passenger gondola lift at La Crusc in Alta Badia as part of the upgrade project for the ski resort. Two new 8-seater chairlifts – complete with stations in the modern Pininfarina design – are

in use at the 3 Zinnen Dolomites ski resort and in the ski resort of Obereggen. LEITNER ropeways has also constructed four 6-seater chairlifts: the CD6 "Stella Alpina" in Colfosco/Alta Badia, the "Wasteneegg" chairlift with the Pininfarina station in the Ladurns ski resort, the CD6 "Cigolera" in San Martino di Castrozza, and the new "Melette" chairlift north of Asiago.

In addition, LEITNER ropeways has completed a funicular in San Pellegrino Terme, replacing the old funicular which has been in operation since 1909. Two new surface lifts were built in Luson and La Villa.

AUSTRIA

Potentially record-breaking and innovative

In Kitzbühel, the new "Fleckalmbahn" 10-passenger gondola lift features Luxury cabins Symphony 10 for ultimate passenger comfort. Traveling at 7 m/s, it is Austria's fastest monocable gondola lift and the ergonomically designed single seats with leather covers also feature another first: heating elements at lower-back height. In the Großglockner resort of Kals, visitors can enjoy the new "Glocknerblick" 6-seater chairlift that carries them directly from the village center up to 2,000 meters above sea level.

LEITNER ropeways has struck an innovative note in the area of air-cushion technology: the

"U-Bahn" funicular in the Tyrolean ski resort Serfaus, famous for its revolutionary concept, has been brought right up to date in terms of ropeway technology. The funicular has been kitted out with a new vehicle and is now in operation with the first LEITNER DirectDrive installed with a standing traction sheave.

GERMANY, SWITZERLAND, FRANCE

Revitalizing leisure classics

The "Mitterkaser" 6-seater chairlift on the Jenner mountain in the Berchtesgaden Alps completes the new ropeway trio, which includes the identical "Jennerwiesenbahn" and the "Jennerbahn" 10-passenger gondola lift. Two new 6-seater chairlifts – "Schrödelsteinbahn"



Vars / FR

in the ski resort of Brauneck and “Schrattengewangbahn” in Söllereck – have also been put into operation.

In Savognin in the Swiss canton of Grisons, a new 10-passenger gondola lift ensures perfect access to the skiing and hiking region and therefore adds quality to the entire holiday region of Surses.

Two new chairlifts and a Telemix system, all equipped with LEITNER DirectDrive, were completed in France. In Avoriaz on the border to Switzerland, the new “Cases” 6-seater chairlift provides a reliable connection to Champéry in Switzerland. Another 6-seater chairlift in the Valmeinier - Galibier Thabor ski resort now offers access to the newly opened

highest point of the ski resort, at 2,750 meters. A modern Telemix system is replacing the old 12-passenger gondola lift in La Forêt Blanche (Vars - Risoul) ski resort and ensures a comfortable ascent for both winter sports enthusiasts and walkers.

SCANDINAVIA

The biggest ropeway in northern Europe

The new tricable gondola lift in Voss – the first of its kind in Scandinavia – is a real highlight in northern Europe. The ropeway forms part of a public transport hub that offers both local transport and railway connections from one building complex. An inclined elevator was built on Kakolanmäki hill, in the Finnish city of Turku.



Voss / NO

This 132-meter-long system is free to use, goes to a newly created residential area, and is connected to the public transport network.

LEITNER ropeways installed a 6-seater chairlift and six surface lifts in the new Idre Himmelfjäll family ski resort and has therefore been responsible for all of the systems in the area. In Norway, two new surface lifts were installed in the winter sports center of Geilo and in Turufjell ski resort, north of Flå.

SPAIN, NORTH MACEDONIA, TURKEY, BOSNIA

Ambitious expansion in the south

The new “La Roca” 4-seater chairlift is the ideal way to travel up to the Esport Esquí family ski resort in the Catalan Pyrenees and the first to be equipped with LeitDrive in this region. A 6-seater chairlift is bringing modern technology to the traditional ski resort of Popova Shapka in north-west Macedonia.

Not only is the new 6-seater chairlift in the Turkish ski resort of Sarikamis a potentially record-breaking 1,850 meters in length, it is also the first Turkish winter sports ropeway to be equipped with LEITNER DirectDrive.



Jahorina / BA



Mt Ruapehu /NZ

A fourth LEITNER ropeways installation is now in use in Jahorina, the former Olympic ski venue to the south of Sarajevo. A newly installed 10-passenger gondola lift is improving passenger transport in unfavorable weather conditions and should also help with making further use of the potential of the area in the Dinaric mountains as a summer and winter destination.

NEW ZEALAND

A spectacular sight on the other side of the world

At Mount Ruapehu, one of the filming locations for the “The Lord of the Rings” cinema trilogy, a unique ropeway project was completed in

the heart of the North Island of New Zealand: the “Sky Waka” gondola lift offers access to the ski area on the sacred mountain of the Māori and is considered the most exciting tourist attraction in the country. The construction of the installation in the volcanic landscape of Tongariro National Park, which has dual UNESCO World Heritage status, was particularly challenging. For example, particular attention had to be paid to the positioning of the support towers due to the possibility of future mudflows and debris flows (lahars). LEITNER ropeways was also busy working on New Zealand’s South Island, building the “Coronet Express II” Telemix system in the New Zealand Alps, near the city of Queenstown.

SUCCESSFULLY MODERNIZED

At the cutting edge thanks to new technology

Not only does the renovation of existing systems make economic and environmental sense, it also adds significant value in terms of safety and comfort. LEITNER ropeways modernized a total of 80 systems in 2019. In 2019, the “Comici 1” 6-seater chairlift in Val Gardena in Italy was completely upgraded after having been in operation for 20 years. The work included the installation of LeitDrive and the modernization of all roller groups and the seats.

The 4-seater chairlift at Schönboden on the Plose mountain in Brixen in Italy was also

modernized, with particular attention paid to increasing comfort. The new seats were kitted out with a safety bar and individual footrests.

The ropeway on Sugarloaf Mountain in Rio de Janeiro is currently being given a spectacular update. After more than 100 years of use, the system is now being equipped with new components, which will significantly increase traveling speed in the future and shorten waiting times accordingly.



OUTLOOK

A look at the upcoming projects shows that ropeways are becoming even more significant. The Oberstdorf/Kleinwalsertal ski resort in Allgäu is an example of this. The investments being made in modern technology there are set to continue in spring 2020 with work on the new bicable gondola lift on the Nebelhorn. Complete with Luxury cabins Symphony 10, the completely re-worked bicable system will be celebrating its première from 2021. Modernization is also advancing step by step at Söllereck. After the opening of the “Schrattenwangbahn”, two chairlifts and a gondola lift are to be introduced in the next few years. There are also new upcoming projects in Austria, such as the new “Lärchkogel” 8-seater chairlift with the Planai-Hochwurzen ski resort in Schladming.

Zermatt in Switzerland is also becoming the center of attention again. After the implementation of the spectacular “Matterhorn glacier ride” tricable gondola lift, work is already being carried out to complete this major regional project. The key focus here is the construction of another tricable gondola lift between Testa Grigia and the Klein Matterhorn mountain, which will begin operations in the 2021/22 winter season. Work is therefore starting on making the vision of an “Alpine Crossing” between Zermatt in Switzerland and Cervinia in Italy a reality.

When it comes to urban transport projects, the focus again shifts to Mexico. In the capital, Mexico City, two new interconnected gondola lifts by LEITNER ropeways will start

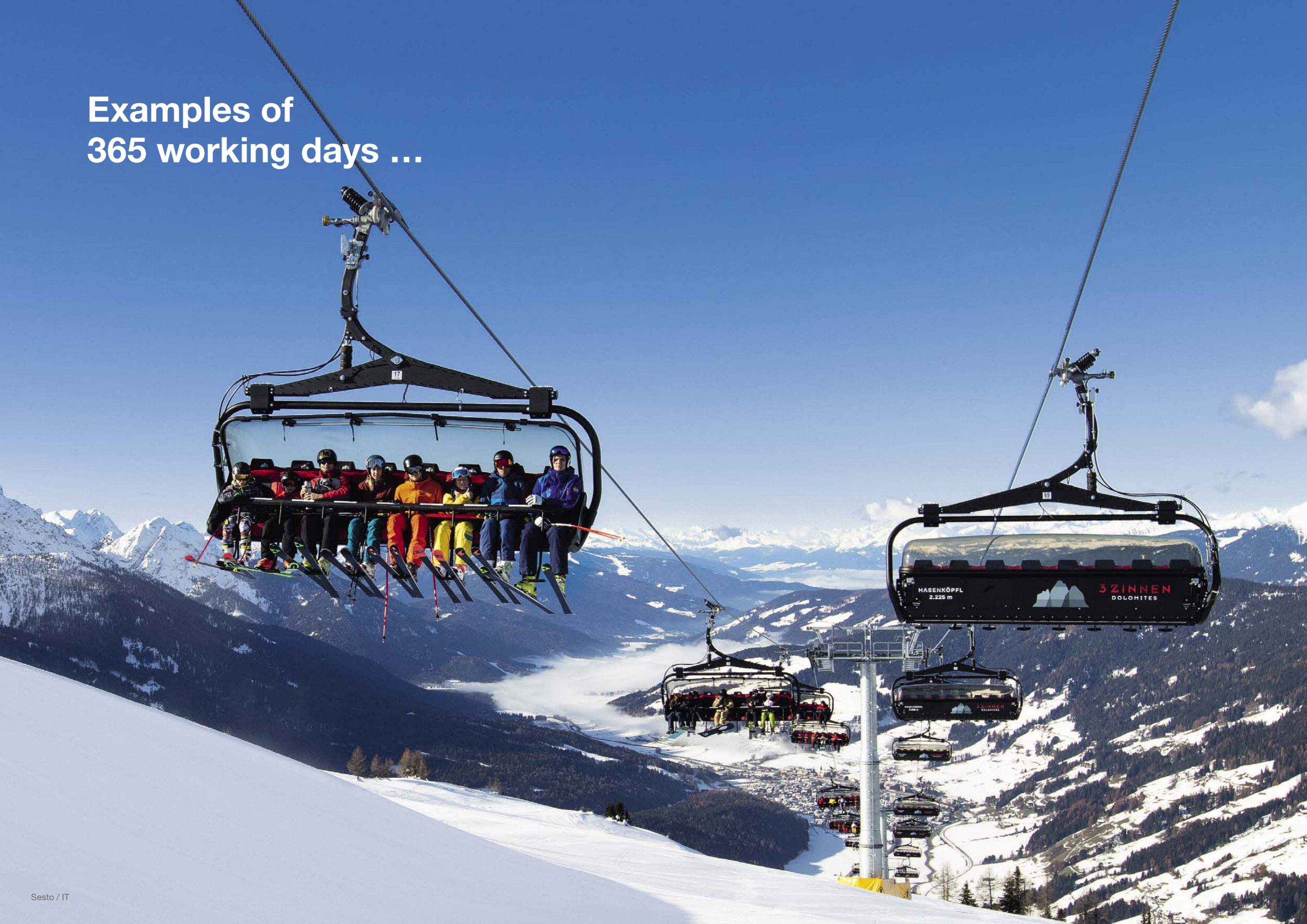
operating in 2021, thus offering a secure connection between the existing subway stations in the district of Iztapalapa. The ropeways, equipped with 10-passenger cabins, along a route of 10.6 kilometers in total and over seven stations, will carry 3,000 and 2,000 people per hour/direction and system. In addition, LEITNER ropeways is building three more interconnected gondola lifts by the end of 2021 in the Ecatepec de Morelos area. Mexico’s first urban ropeway has been in operation here since 2016.

New life is being injected into a real tourist attraction: with the revitalization of Barcelona’s “Funicular del Tibidabo”, which was constructed more than 120 years ago on the mountain of the same name in the Catalan metropolis,

passengers are being offered a completely new experience. Besides safety-related replacements, the speed of both carriages will increase from 4 to 10 meters per second, while capacity is also boosted from 120 to 252 people per journey. Thanks to the panoramic view, the interactive information in the carriage, and the futuristic lighting, ascending to the amusement park becomes an entertaining experience.

In Cortina d’Ampezzo (Province of Belluno, Northern Italy), LEITNER ropeways is getting ready to install a new gondola lift in preparation for the Alpine Ski World Championships 2021. The new ropeway will link the Cortina pistes with the Cinque Torri ski resort and is a further step toward a connection to the famous Sellaronda.

Examples of
365 working days ...



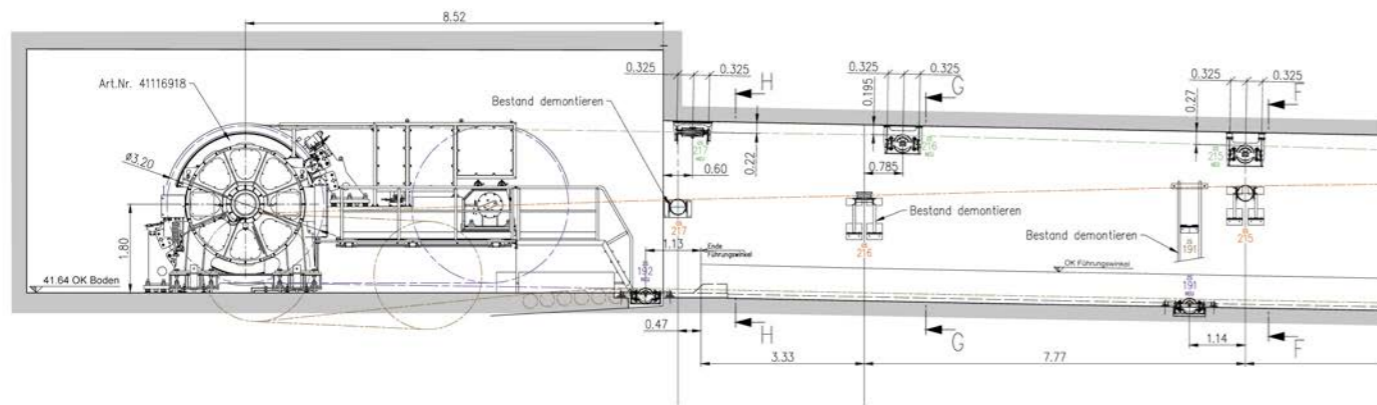
IF440 U-BAHN SERFAUS

Serfaus / AT

Inclined length	1290 m	Power	1486 kW
Vertical rise	19 m	Total number of vehicles	1
Transport capacity	3350 p/h		

In Tyrol's top tourist destination Serfaus, the historic 'U-Bahn' has been running again since July 2019 with a new look. Having run for over 30 years, it was time to modernize the ropeway technology, and LEITNER ropeways was the company chosen to do just that. The funicular was equipped with LEITNER Direct-Drive and a new three-carriage train delivered by SIGMA. The air cushion funiculars takes

passengers along the 1,280 meter subterranean route connecting all key locations in the village, stopping at four stations: 'Parkplatz' (Car Park), 'Kirche' (Church), 'Zentrum' (Center) and 'Seilbahn' (Ropeway). The ropeway keeps Serfaus clear of traffic, and with this prescient mobility solution, the village has been at the forefront of innovation for three decades.





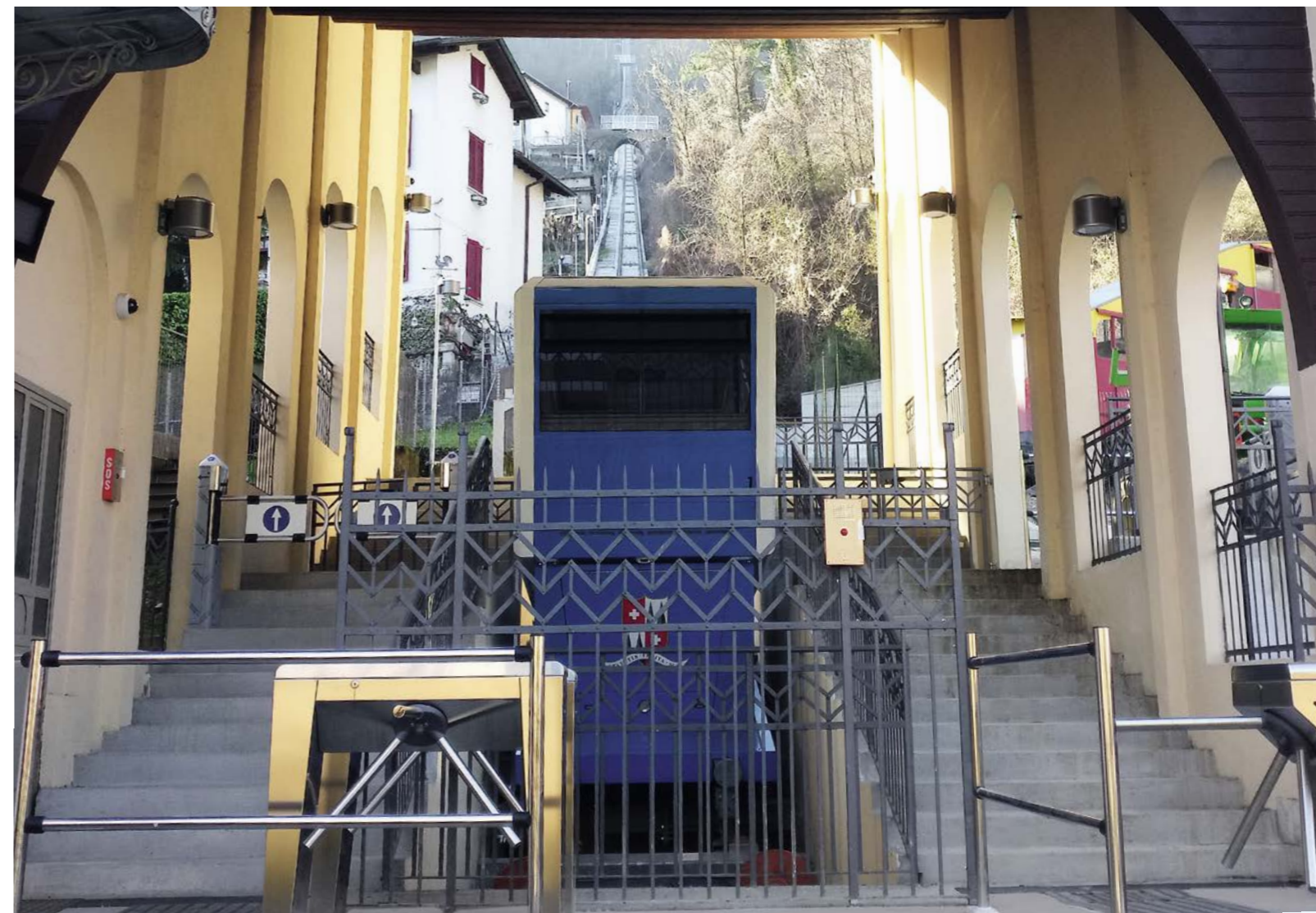
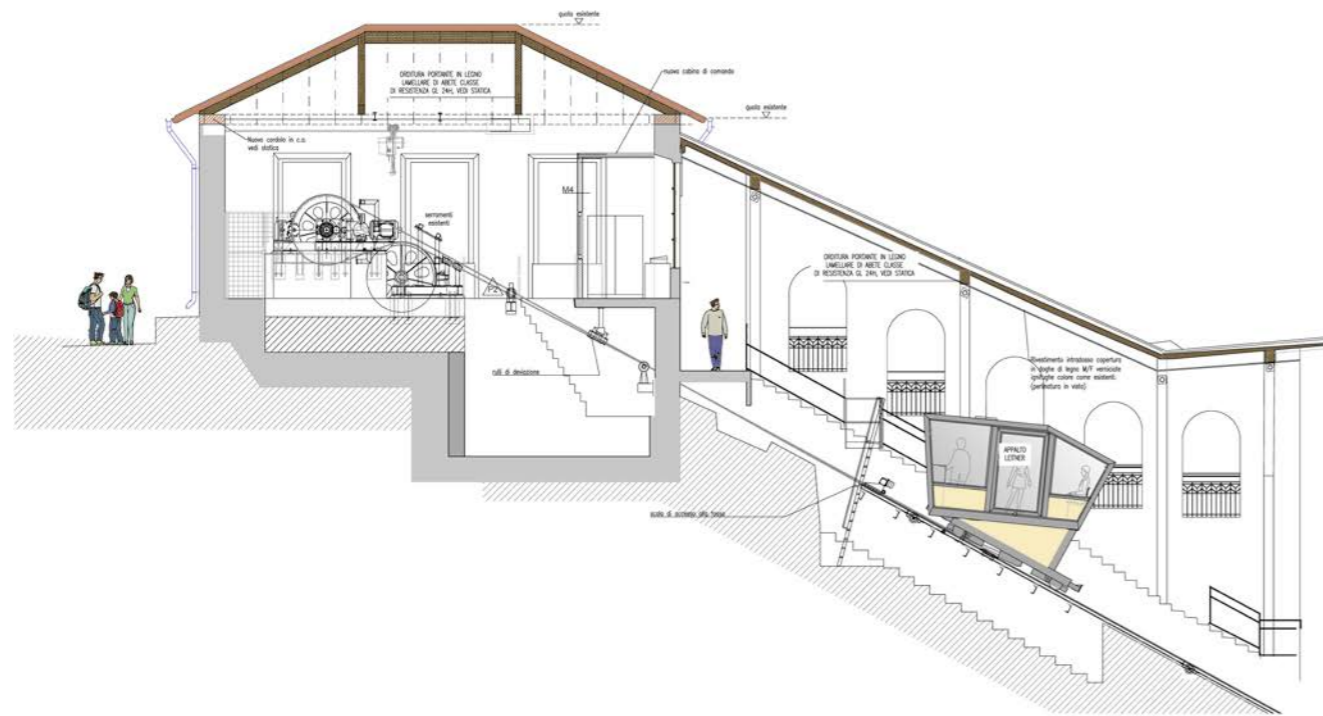




IF25 SAN PELLEGRINO TERME

San Pellegrino Terme / IT

Inclined length	710 m	Power	75 kW
Vertical rise	288 m	Total number of vehicles	2
Transport capacity	363 p/h		





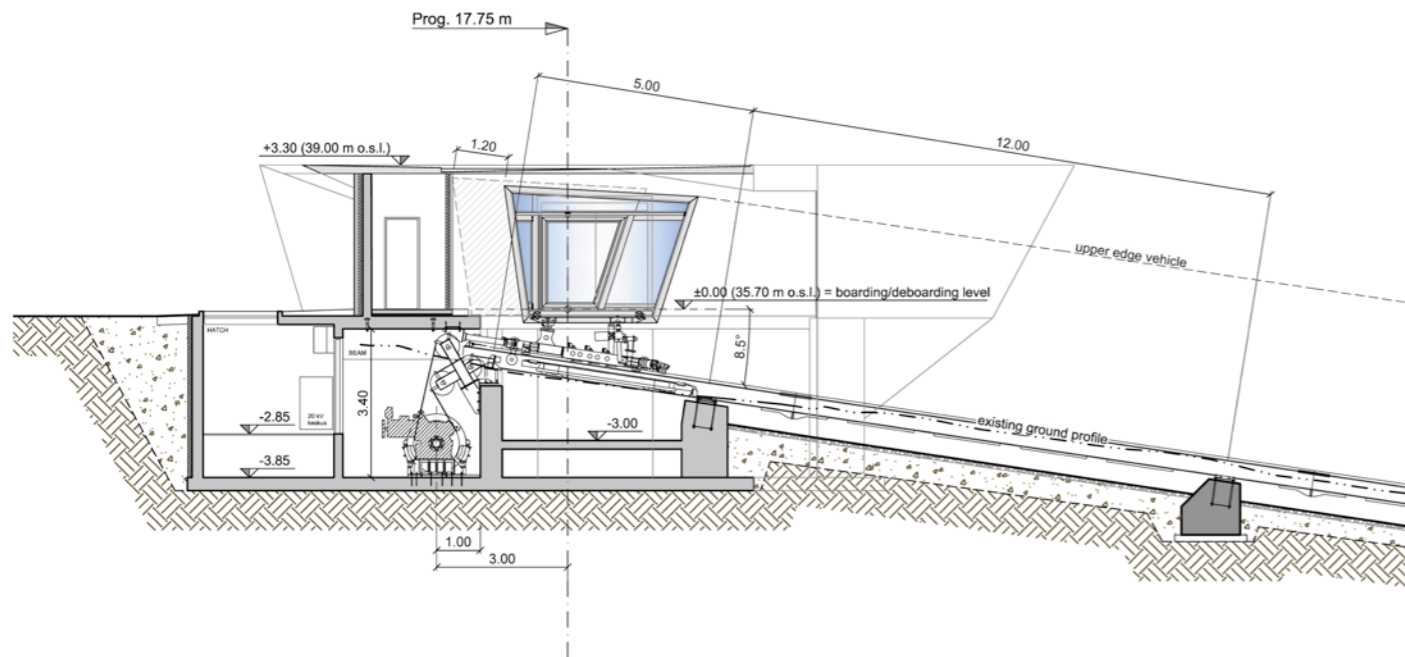
IE30 TURKU

Turku / FI

Inclined length	130 m	Power	44 kW
Vertical rise	30 m	Total number of vehicles	1
Transport capacity	480 p/h		

Finland's oldest city is making a clear statement in urban development. The current development on the famous Kakolanmäki hill is creating new apartments, a hotel, restaurants and bars. Last year, the new city district and former prison hill was given a transport connection to the surrounding area by a new inclined elevator by LEITNER ropeways. The "Turku"

inclined elevator proved the ideal solution for the terrain. The system is just 132 meters long and can transport 480 passengers per hour, spanning a vertical distance of 30 meters. As inclined elevators use the same fundamental technology as vertical elevators, short, straight routes like those on Kakolanmäki are the perfect application for them.







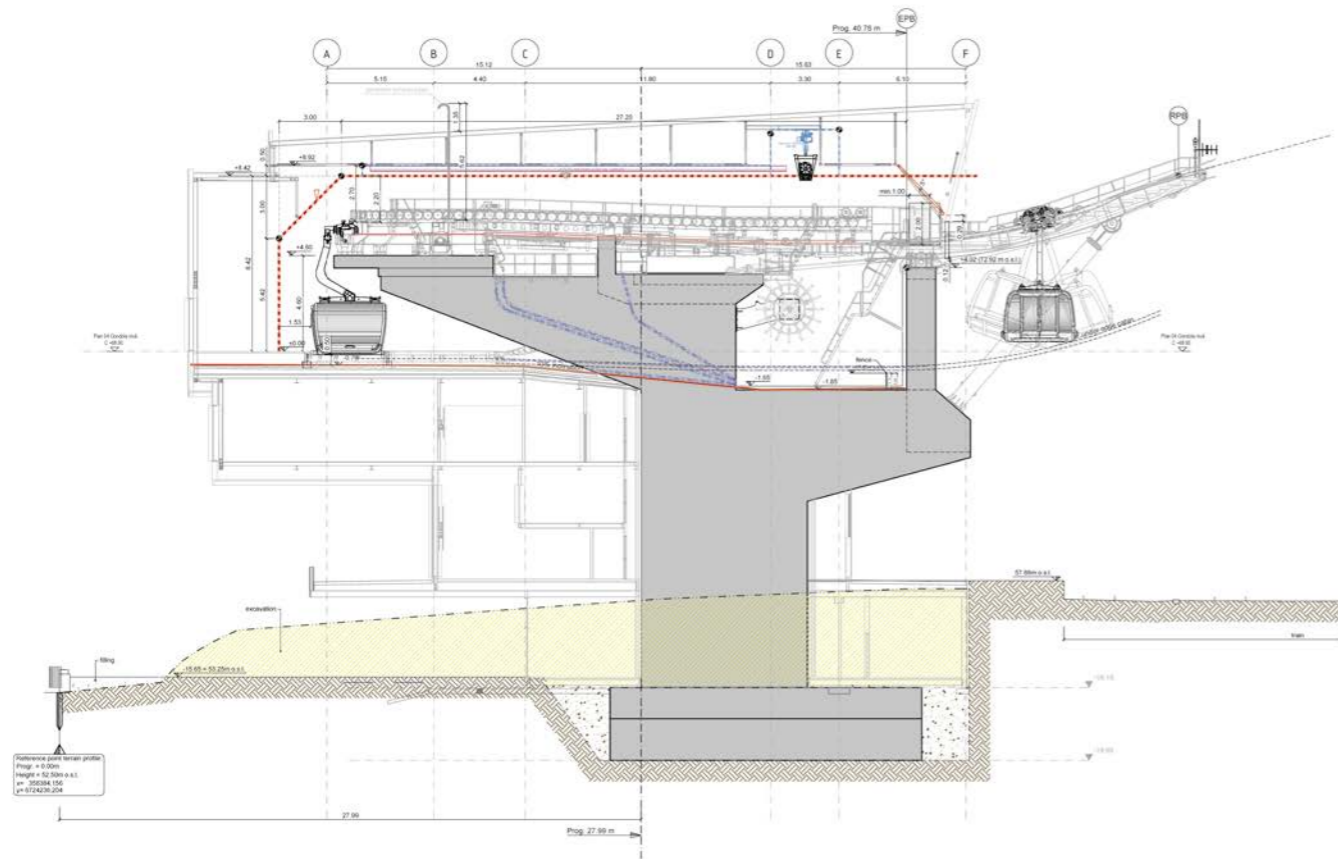
TD34 VOSS

Voss / NO

Inclined length	2042 m	Power	640 kW
Vertical rise	746 m	Total number of vehicles	13
Transport capacity	1544 p/h	Total number of towers	3

The new tricable gondola lift connects the traditional resort of Voss in Southern Norway with the local mountain of Hangurstoppen and the popular hiking, excursion and ski area. The system is a key element as part of an intermodal transport concept which envisages a “green line” between Bergen and Voss. This should shift more traffic to the railways and

create a seamless transition to the ropeway. The significant gain in time is intended to attract more day visitors and thus promote winter and summer tourism. The bottom station has been integrated into the redesigned station area, which includes a new bus station. This created a central traffic junction near the town center.









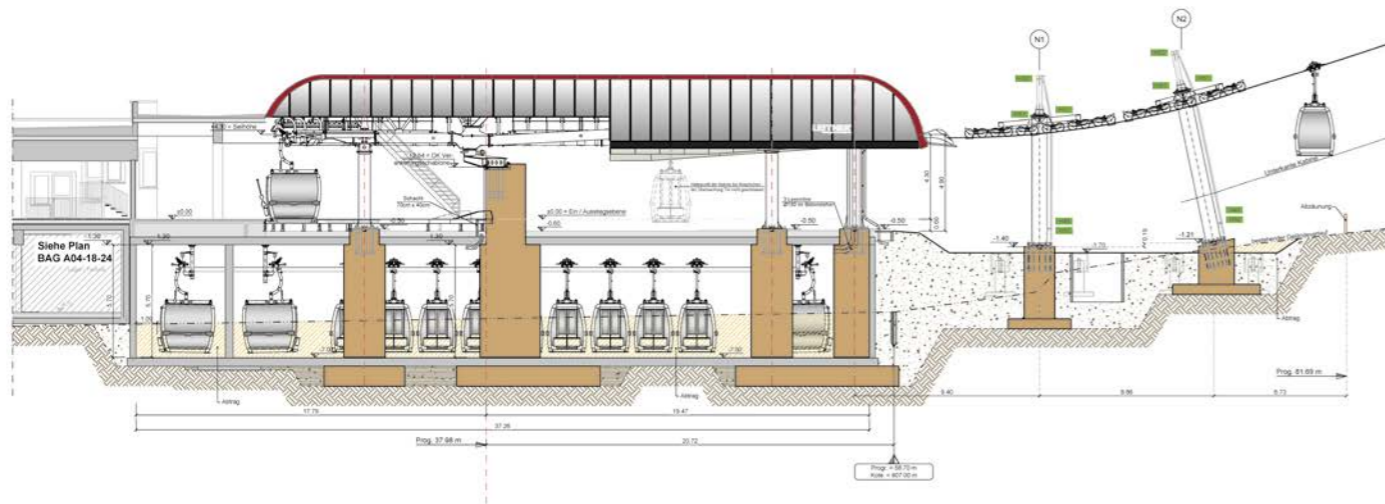
GD10 FLECKALMBAHN

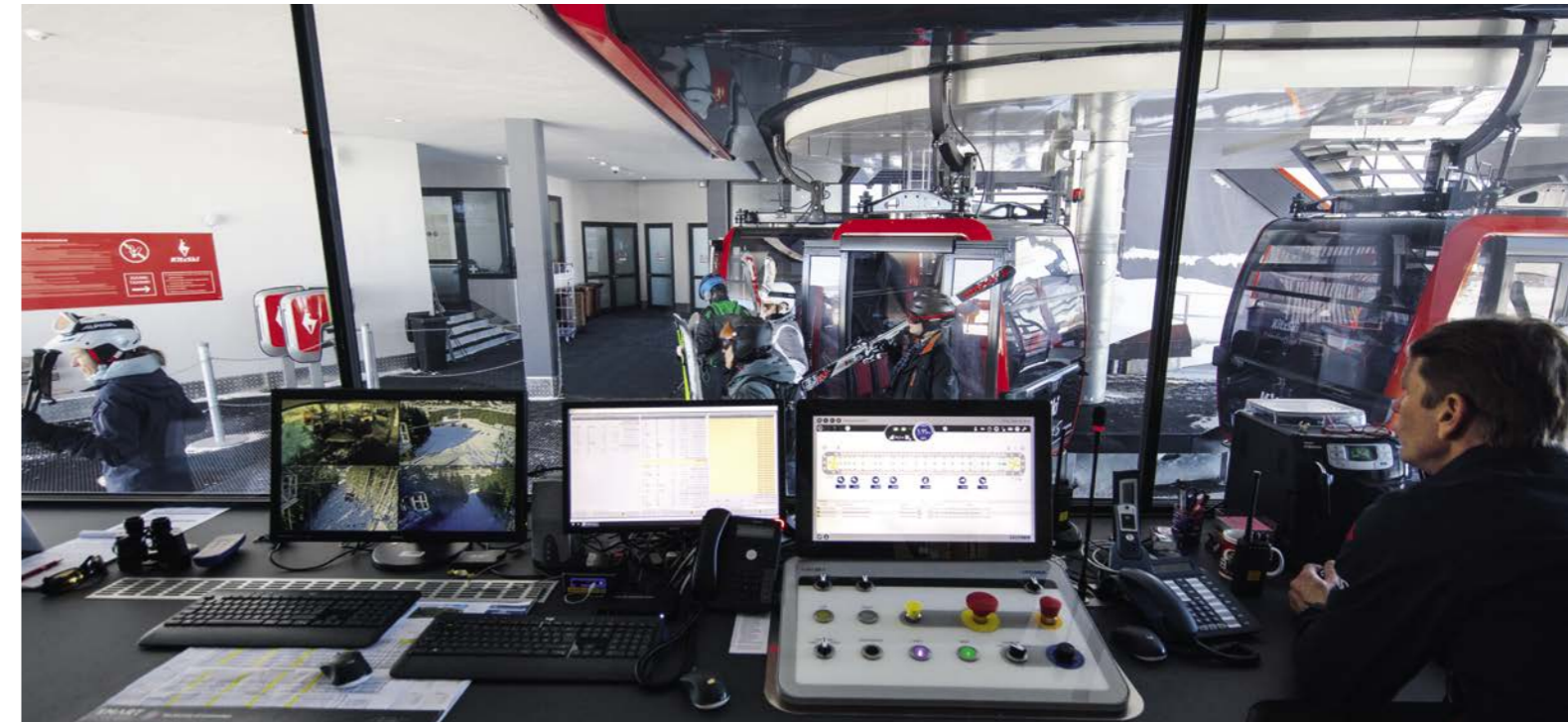
Kitzbühel / AT

Inclined length	4071 m	Power	1405 kW
Vertical rise	971 m	Total number of vehicles	96
Transport capacity	2590 p/h	Total number of towers	22

The "Fleckalmbahn" gondola lift in the popular Tyrolean winter sports resort of Kitzbühel features numerous technological and design innovations that guarantee maximum ride comfort and sustainability. The Luxury cabin Symphony 10 with its elegant Pininfarina design offers the greatest passenger comfort currently available on the market. The cabin is equipped with ergonomically designed single

seats with leather covers and another world's first: heating elements at lower-back height. Like the cabin, the stations are designed in the Pininfarina style and equipped with an extensive array of functions powered by LEITNER ropeways technology. The new Fleckalmbahn is a significant technological milestone in our long-standing partnership with Bergbahn AG Kitzbühel.









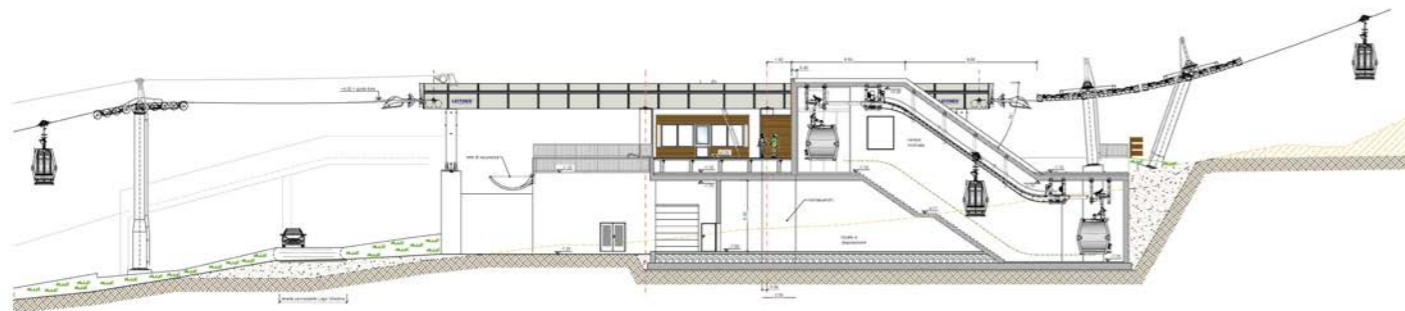
GD10 CORTINA - COL DRUSCIÉ

Cortina d'Ampezzo / IT

Inclined length	2168 m	Power	882 kW
Vertical rise	557 m	Total number of vehicles	53
Transport capacity	2000 p/h	Total number of towers	16

As of this winter, the ski resort of Tofana in Cortina d'Ampezzo has a brand new 10-passenger gondola lift. The LEITNER ropeways installation "Col Druscié" takes passengers to the Col Druscié comfortably and in very little time. The ropeway replaces the first section of the 50-year-old aerial tramway "Freccia nel Cielo", which connected Cortina d'Ampezzo with the summit of Cima Tofana, one of the highest peaks in the Dolomites (3,244 m). This upgrade modernizes the link from Cortina to

Col Druscié and the middle station in Colfiere right on time for the upcoming Alpine World Ski Championships 2021 and the Olympic Winter Games 2026. The waiting times for the ride to the summit have also been significantly reduced. LEITNER ropeways, PRINOTH and DEMACLENKO have also established a strategic alliance with the Fondazione Cortina 2021: the companies will support the foundation as the technical supplier during the Alpine World Ski Championships in 2021.









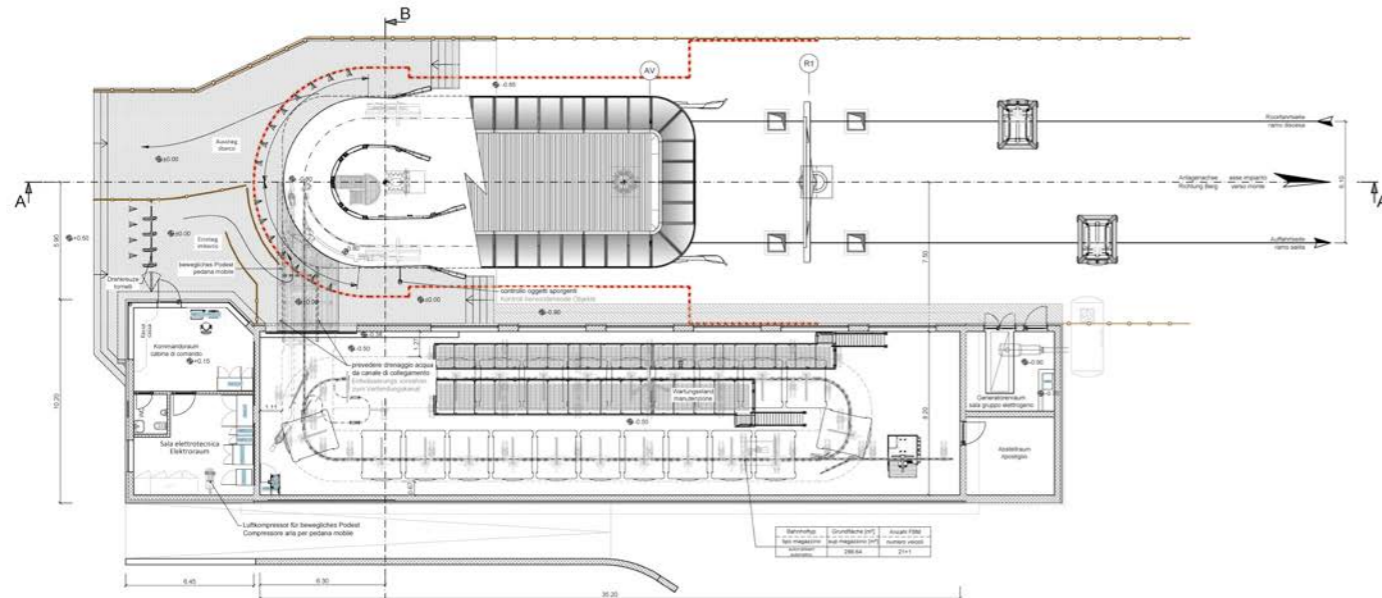
GD10 LA CRUSC

Abtei - Badia / IT

Inclined length	958 m	Power	368 kW
Vertical rise	184 m	Total number of vehicles	21
Transport capacity	1580 p/h	Total number of towers	6

In La Crusc, the small ski resort at the start of the popular ski area of Alta Badia, the new 10-passenger gondola lift "La Crusc" replaces a 2-seater chairlift that has been in operation for more than two decades, reducing the travel time from 14 to just three minutes. Equipped with LEITNER DirectDrive, the installation

offers its passengers an enjoyable ride with state-of-the-art equipment that truly raises the bar – heated seats included. Its hinged seats fold down to transport mountain bikes in the summer months. The ropeway also provides transportation to the popular La Crusc Pilgrimage Church.







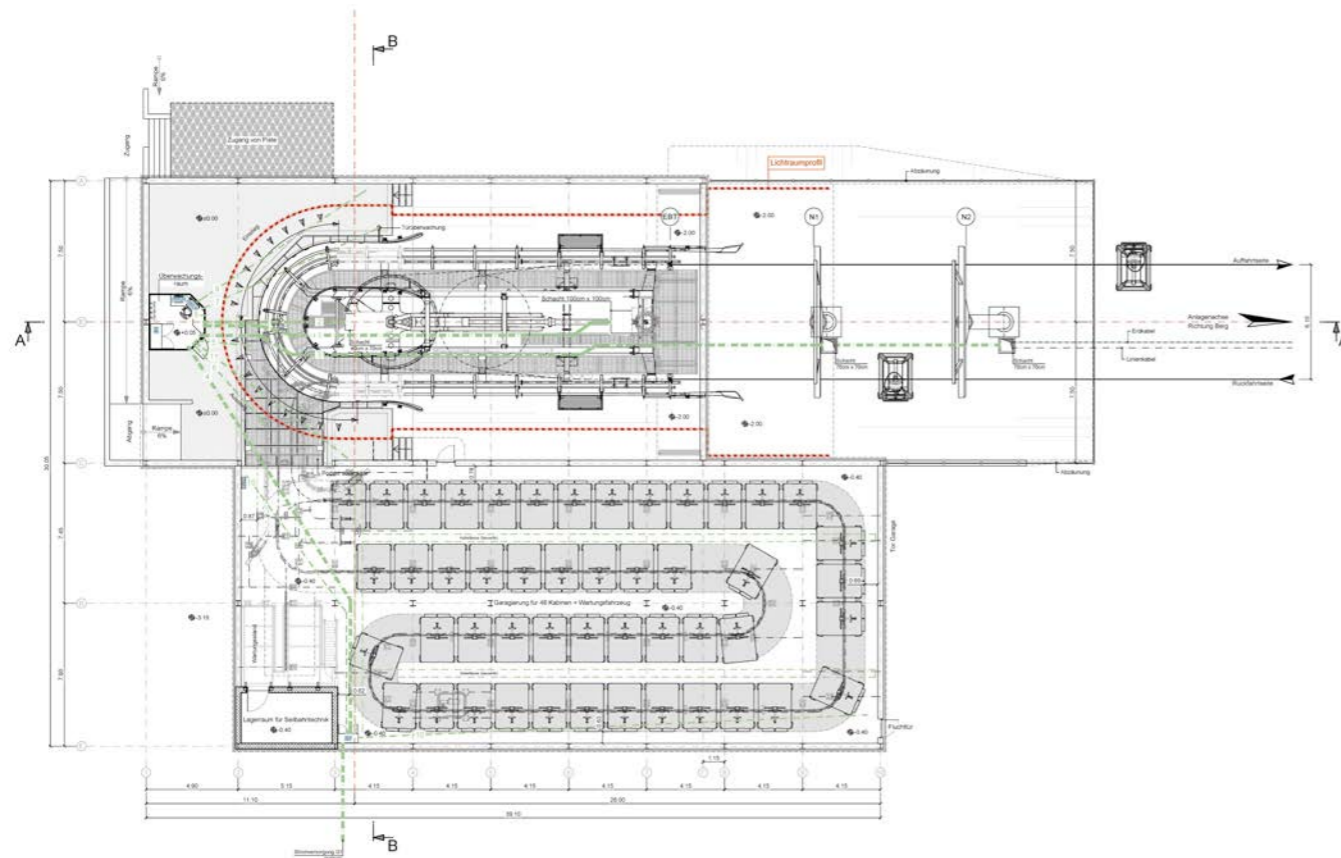
GD10 SAVOGNIN - TIGIGNAS

Savognin, Surses / CH

Inclined length	1618 m	Power	794 kW
Vertical rise	423 m	Total number of vehicles	37
Transport capacity	2000 p/h	Total number of towers	10

In Savognin in the Swiss canton of Grisons, the new 10-passenger gondola lift ensures the perfect ascent to the ski and hiking region and therefore adds quality to the entire holiday region of Surses. The new gondola lift replaces a 4-seater chairlift from 1987 and now offers significantly more ride comfort (even in bad weather), enabling the transport of sporting

equipment and creating a higher passenger capacity. The drive station is positioned in close proximity to a mountain restaurant. Thanks to the use of LEITNER DirectDrive, the drive system produces much less noise and so doesn't disturb the restaurant. LEITNER ropeways built the first 10-passenger gondola lift in Switzerland in 2012 here in Savognin.



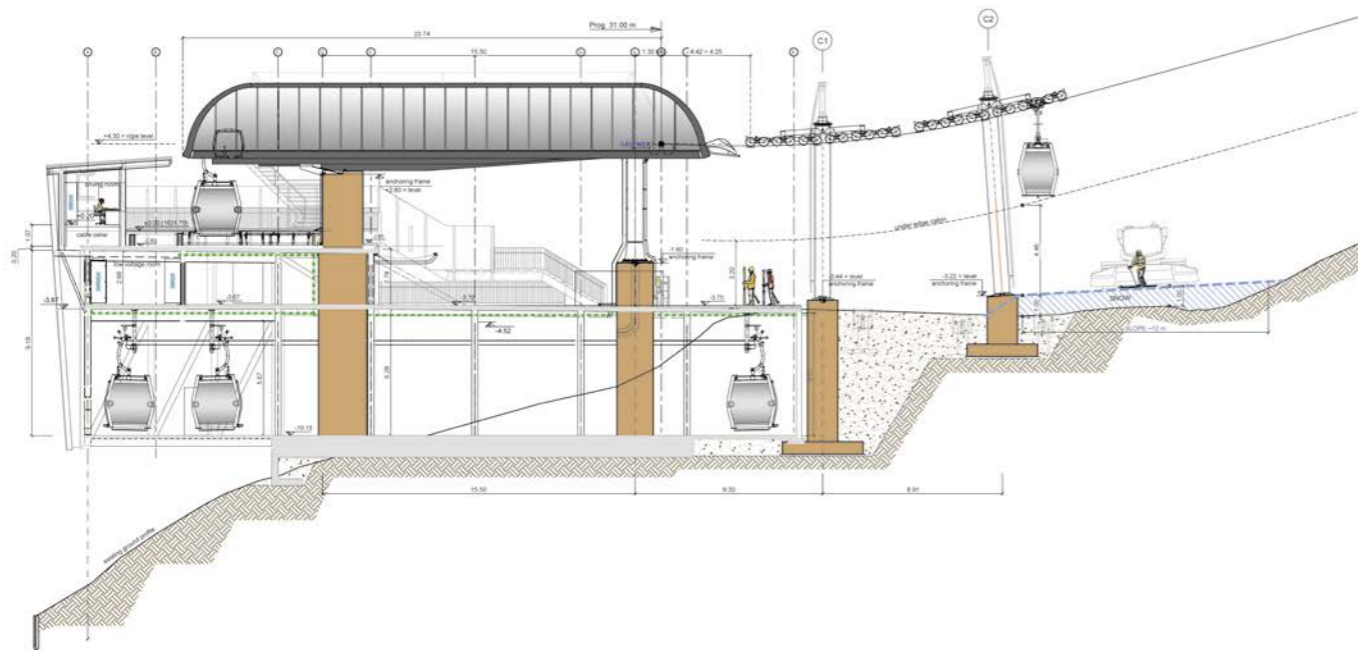
GD10 SKY WAKA

Mt Ruapehu / NZ

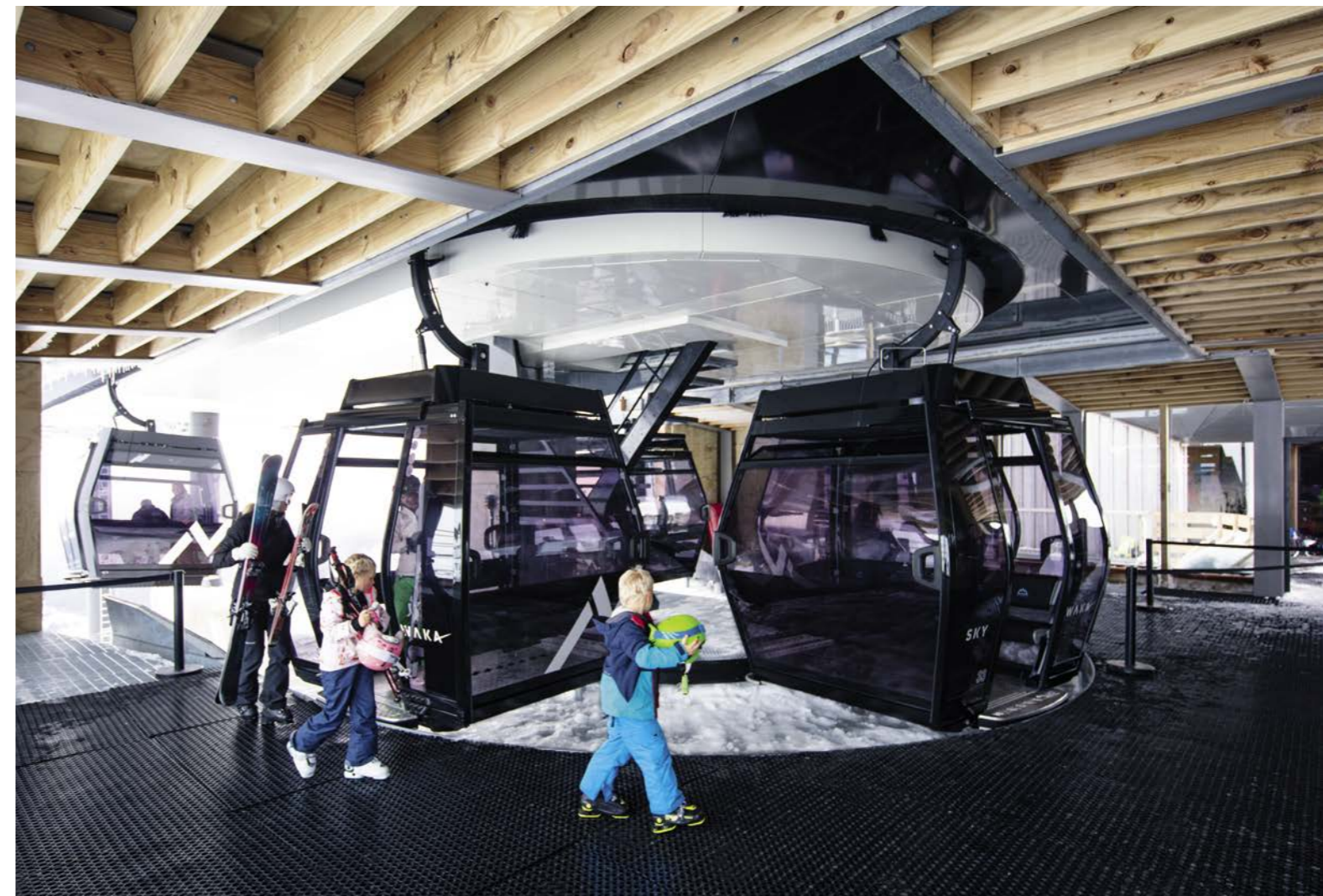
Inclined length	1799 m	Power	790 kW
Vertical rise	381 m	Total number of vehicles	53
Transport capacity	2600 p/h	Total number of towers	14

The new Sky Waka gondola lift on Mount Ruapehu on New Zealand's North Island has been in operation since July 2019. Building the new 10-passenger gondola lift involved a series of challenges: the entire area is inside the Tongariro National Park and therefore protected by strict regulations. As Mount Ruapehu is still an active volcano producing flows of mud and debris (lahars), the towers had to

be built in positions considered as safe terrain. The height of the 14 towers in total also had to be adjusted due to this ever-present natural threat. The Whakapapa ski resort is just 500 meters from the volcano's crater. Mount Ruapehu is also owned by the Māori iwi, who worship the mountain as holy. The mountain is also known as one of the locations for the popular 'Lord of the Rings' trilogy.





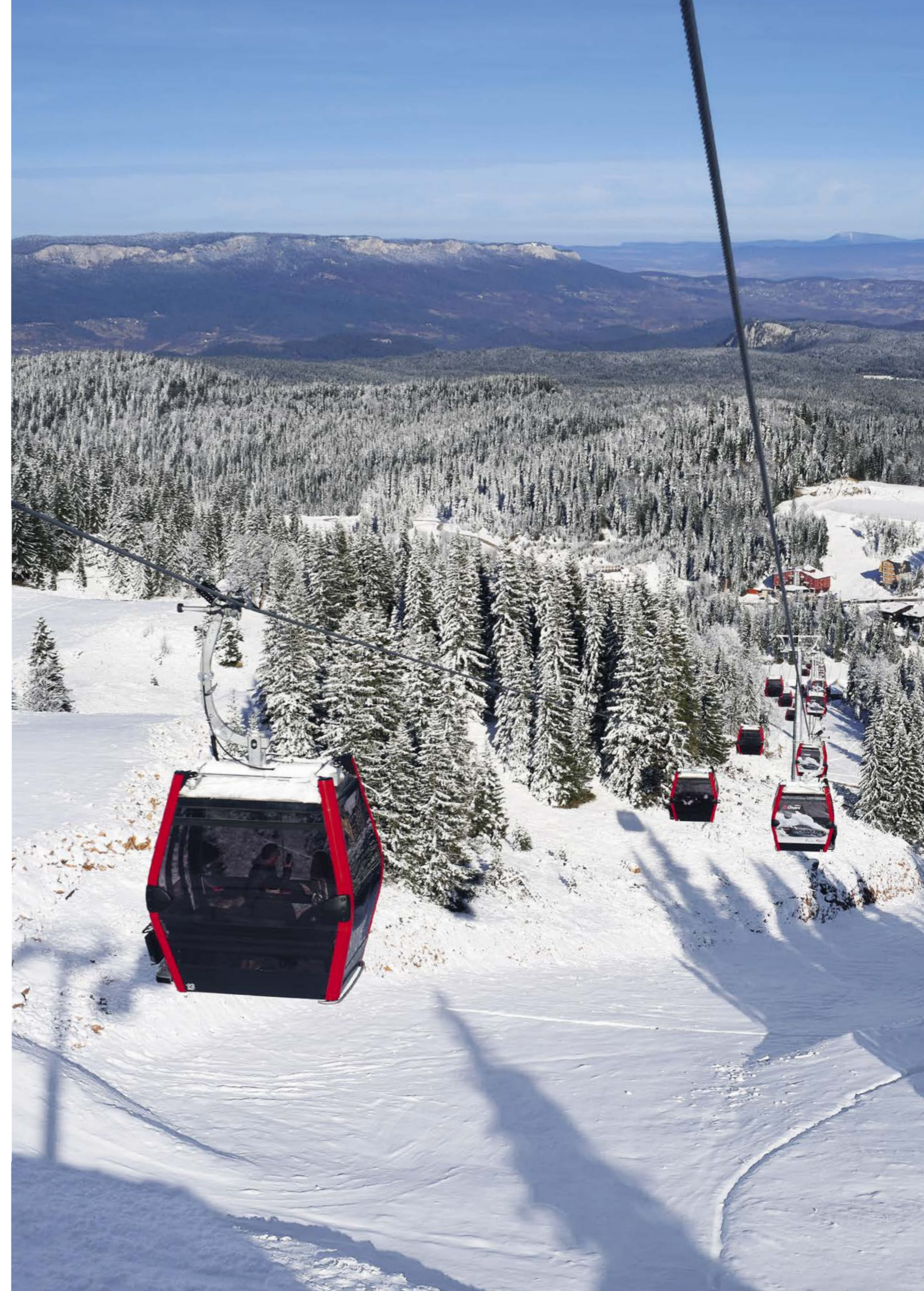
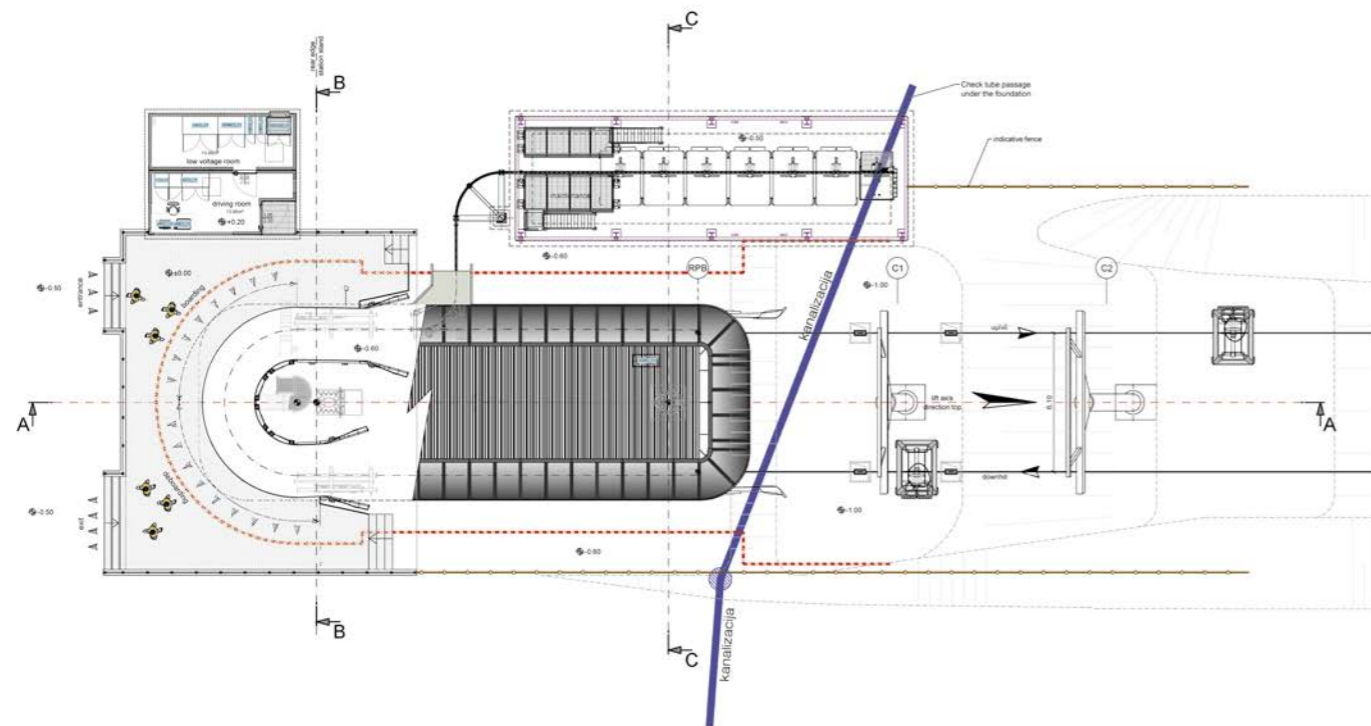


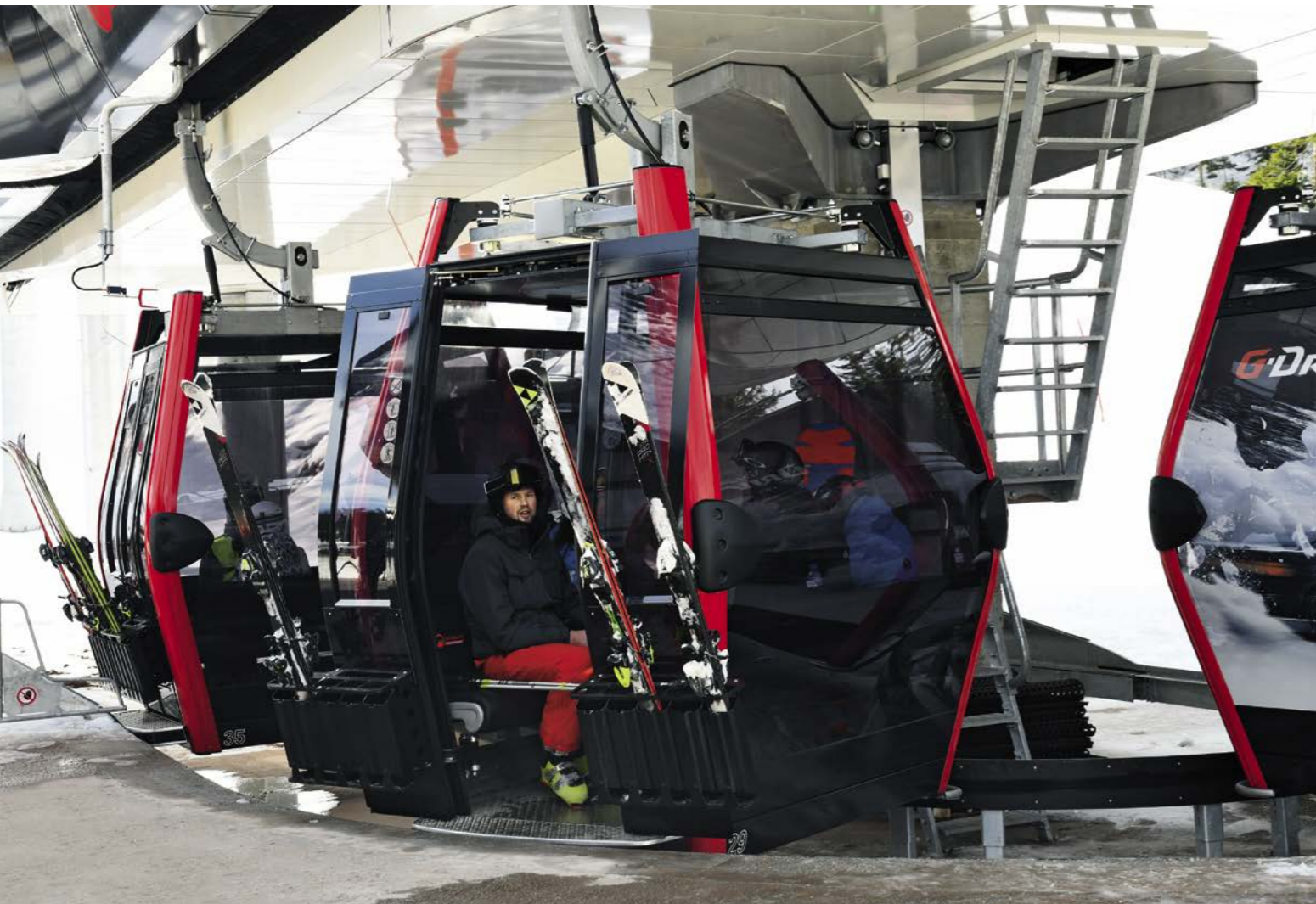


GD10 PARTIZAN JAHORINA

Jahorina / BA

Inclined length	1103 m	Power	418 kW
Vertical rise	238 m	Total number of vehicles	36
Transport capacity	2700 p/h	Total number of towers	7





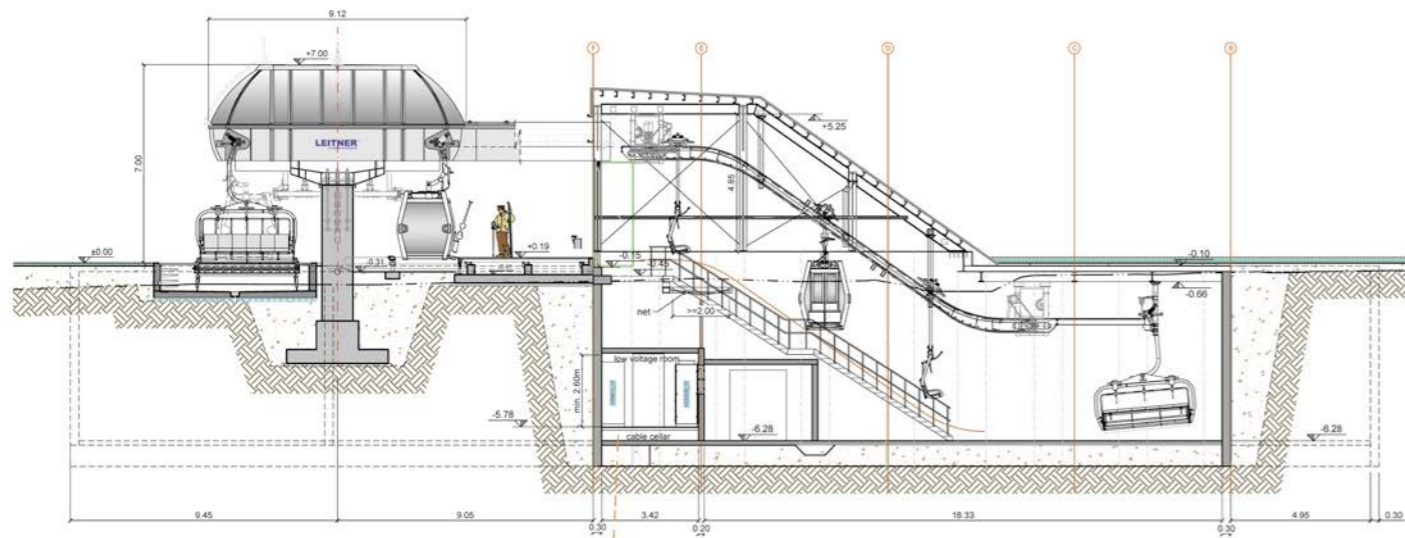


Telemix

TMX6-8 CORONET EXPRESS II

Coronet Peak, Queenstown / NZ

Inclined length	1203 m	Power	660 kW
Vertical rise	419 m	Total number of vehicles	84
Transport capacity	3000 p/h	Total number of towers	14

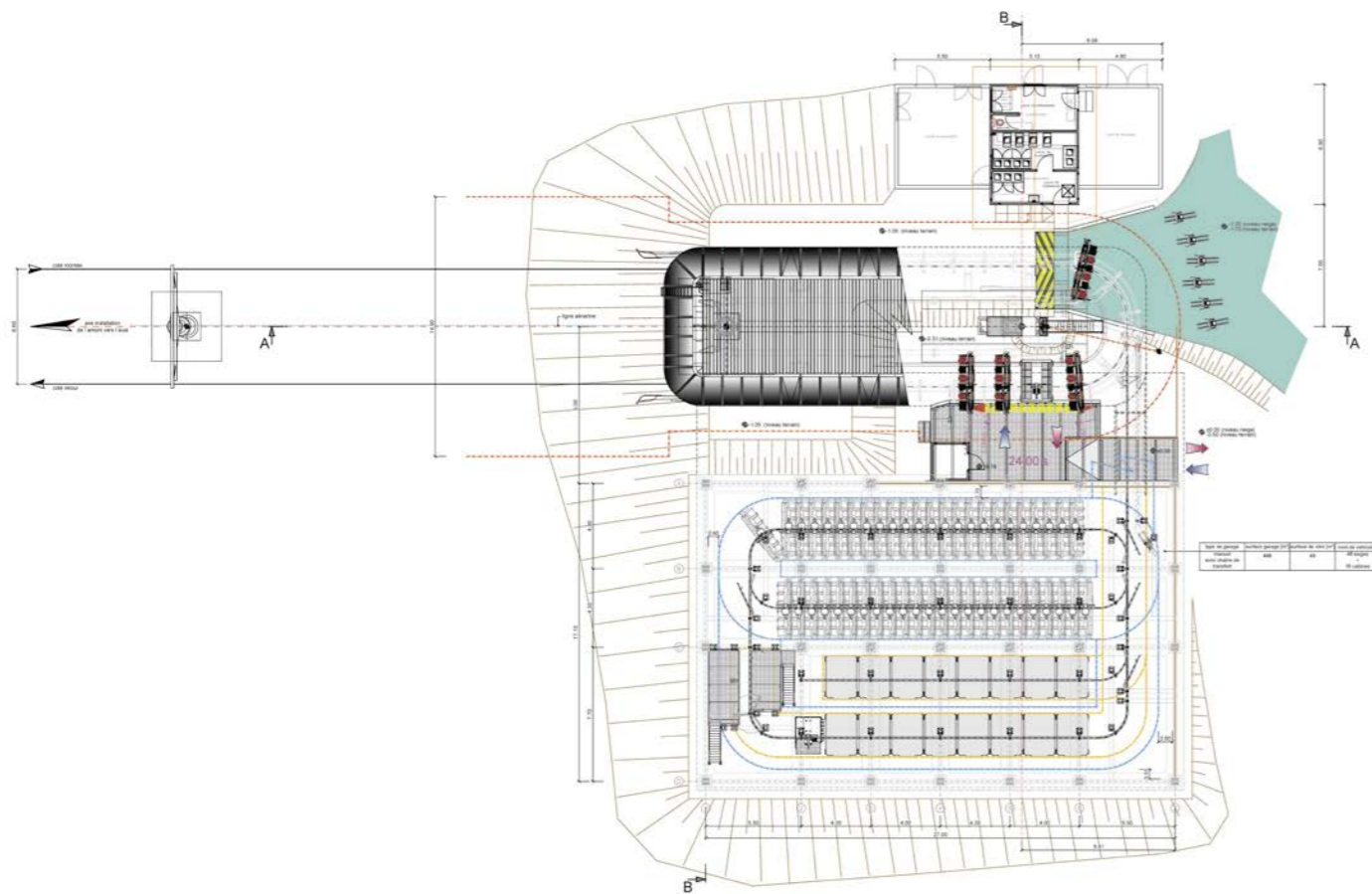




TMX6-10 CHABRIERES

Vars / FR

Inclined length	1328 m	Power	600 kW
Vertical rise	353 m	Total number of vehicles	48+16
Transport capacity	2600 p/h	Total number of towers	14







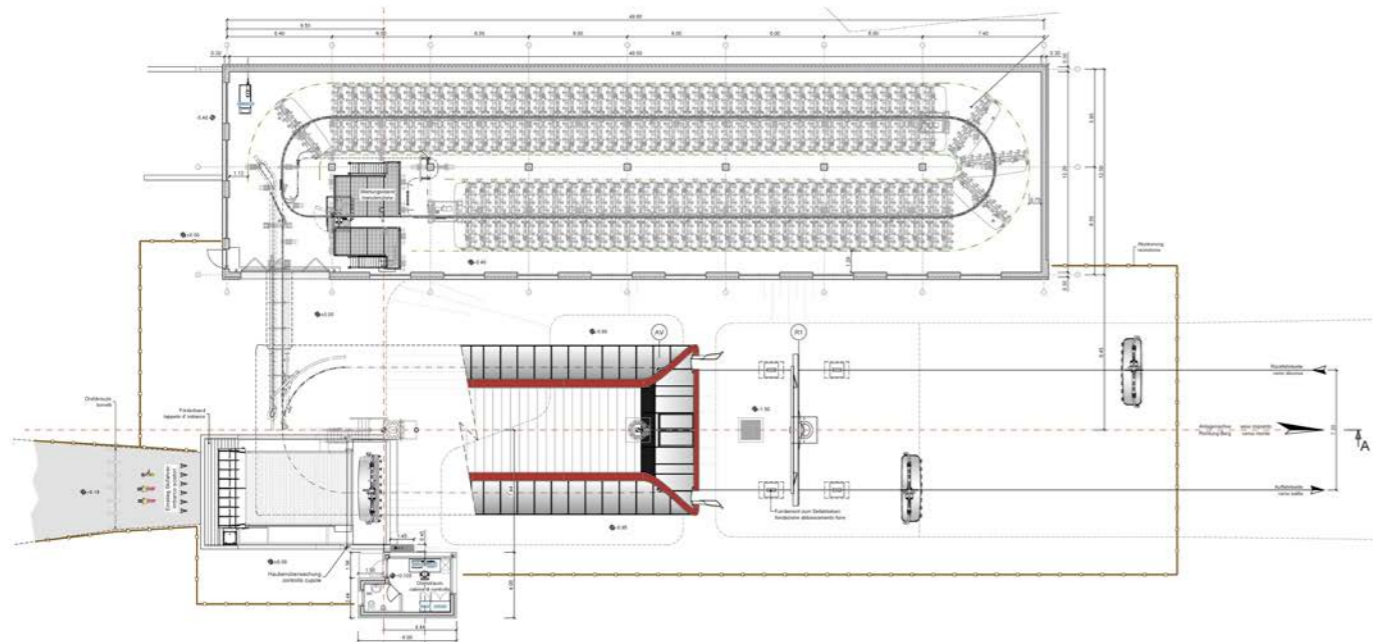
CD8C HASENKÖPFL

Sexten - Sesto / IT

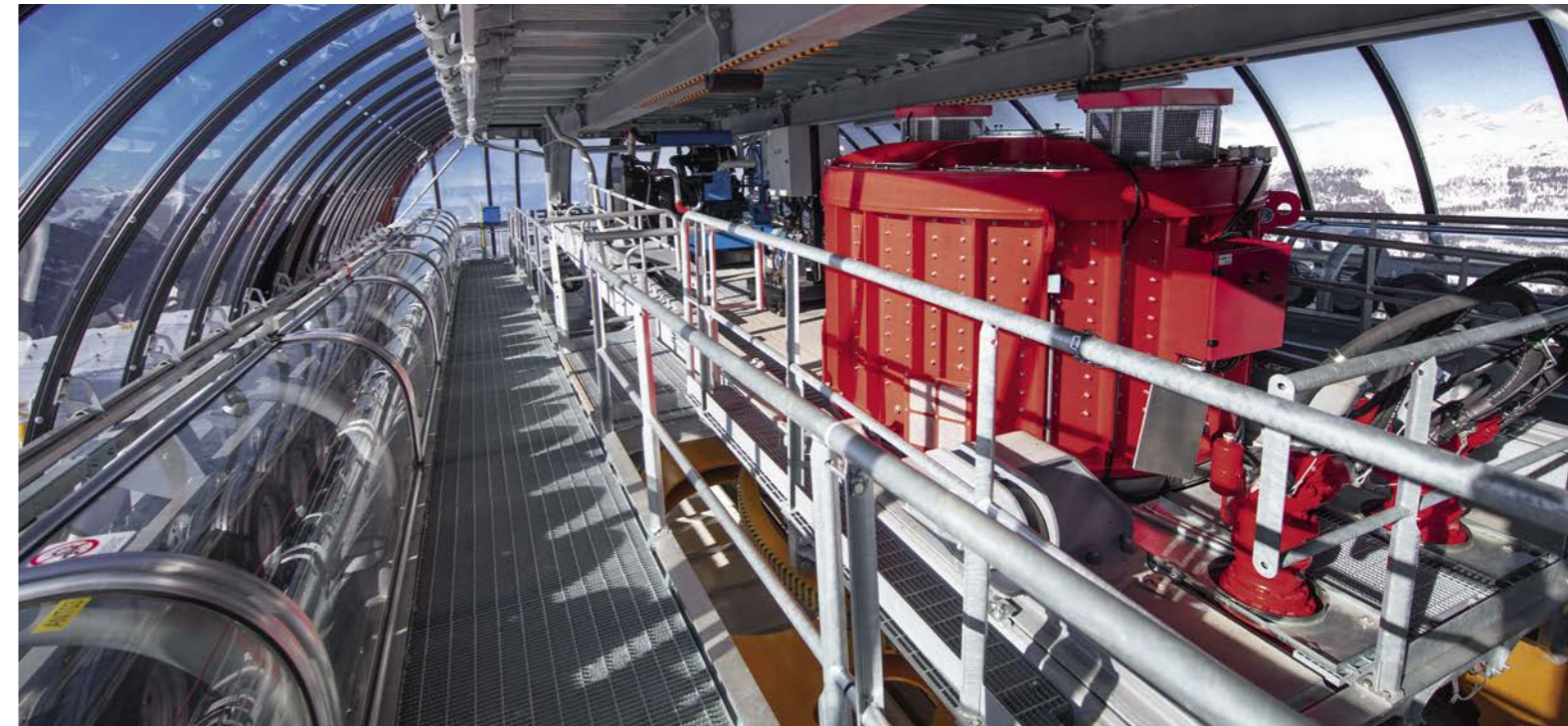
Inclined length	1442 m	Power	679 kW
Vertical rise	302 m	Total number of vehicles	80
Transport capacity	3600 p/h	Total number of towers	13

A new 8-seater chairlift with a Pininfarina station and LEITNER DirectDrive was installed at the Helm ski mountain in the 3 Zinnen Dolomites ski resort. The new "Hasenköpfl" chairlift replaces the dated 3-seater chairlift and transports passengers to the 2,200-metre peak between Versciaco and Sesto. Set against

the incredible backdrop of the Meridiana di Sesto, the world's largest stone sundial, the chairlift offers a luxurious ride on heated Premium Chairs with weather protection bubbles and a boarding system that is safe for children to use.









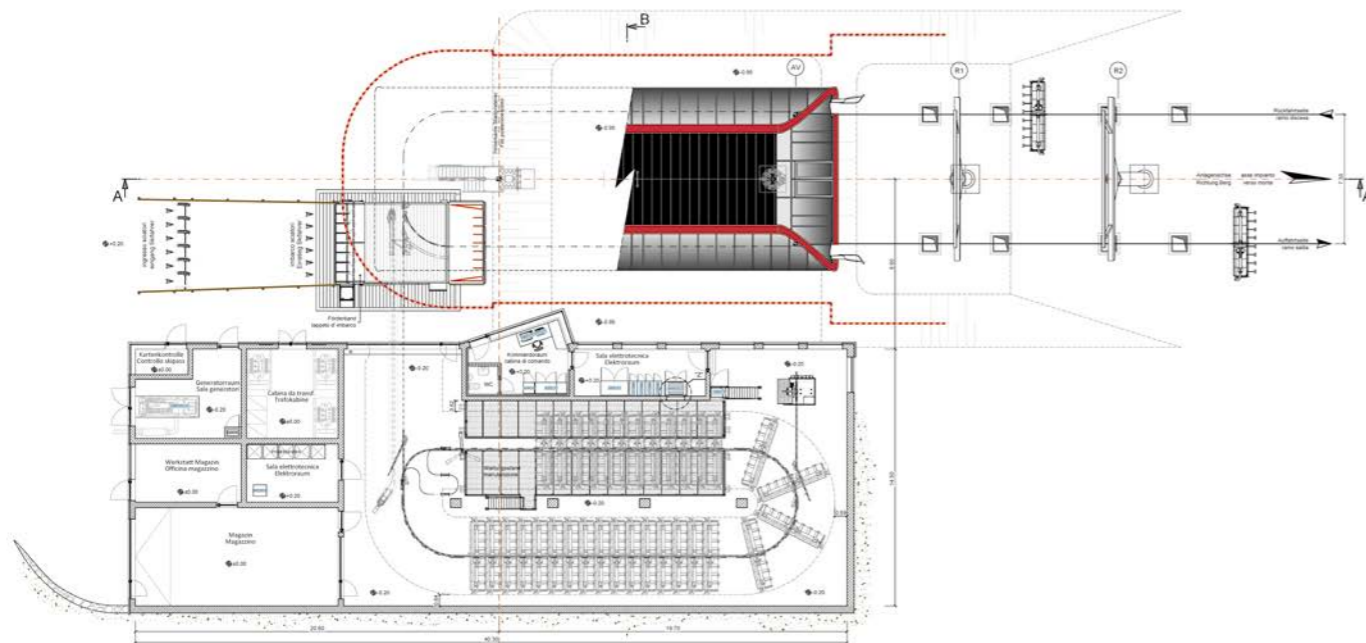
CD8 REITERJOCH

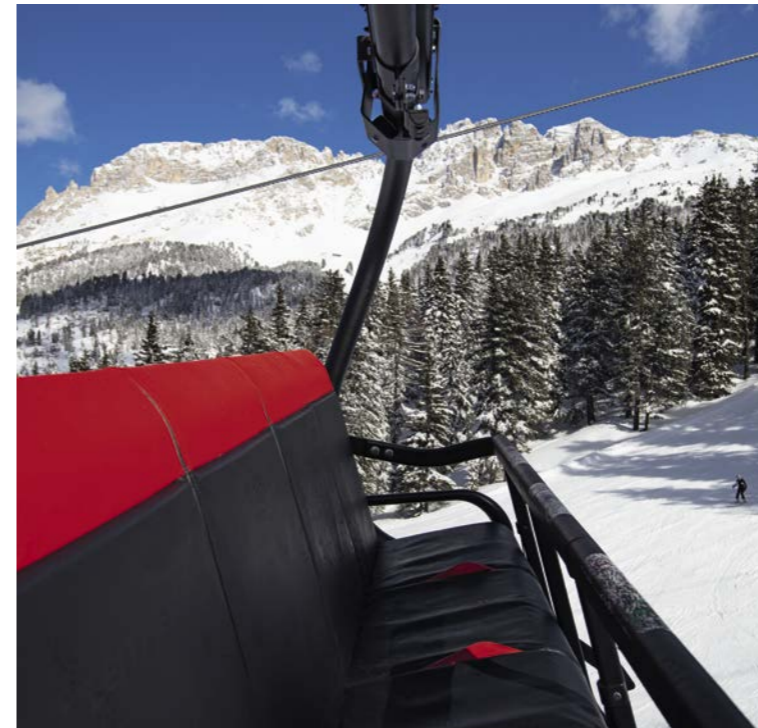
Obereggen / IT

Inclined length	600 m	Power	662 kW
Vertical rise	180 m	Total number of vehicles	32
Transport capacity	3000 p/h	Total number of towers	7

In Obereggen, around 30 minutes away from Bolzano, the "Reiterjoch" 4-seater chairlift has been replaced by a modern 8-seater chairlift. The ropeway is an important connection between Obereggen and the Pampeago moun-

tain pass. The stations are designed in elegant Pininfarina style and the seats are equipped for a safe ride with manual locking safety bars and individual footrests.



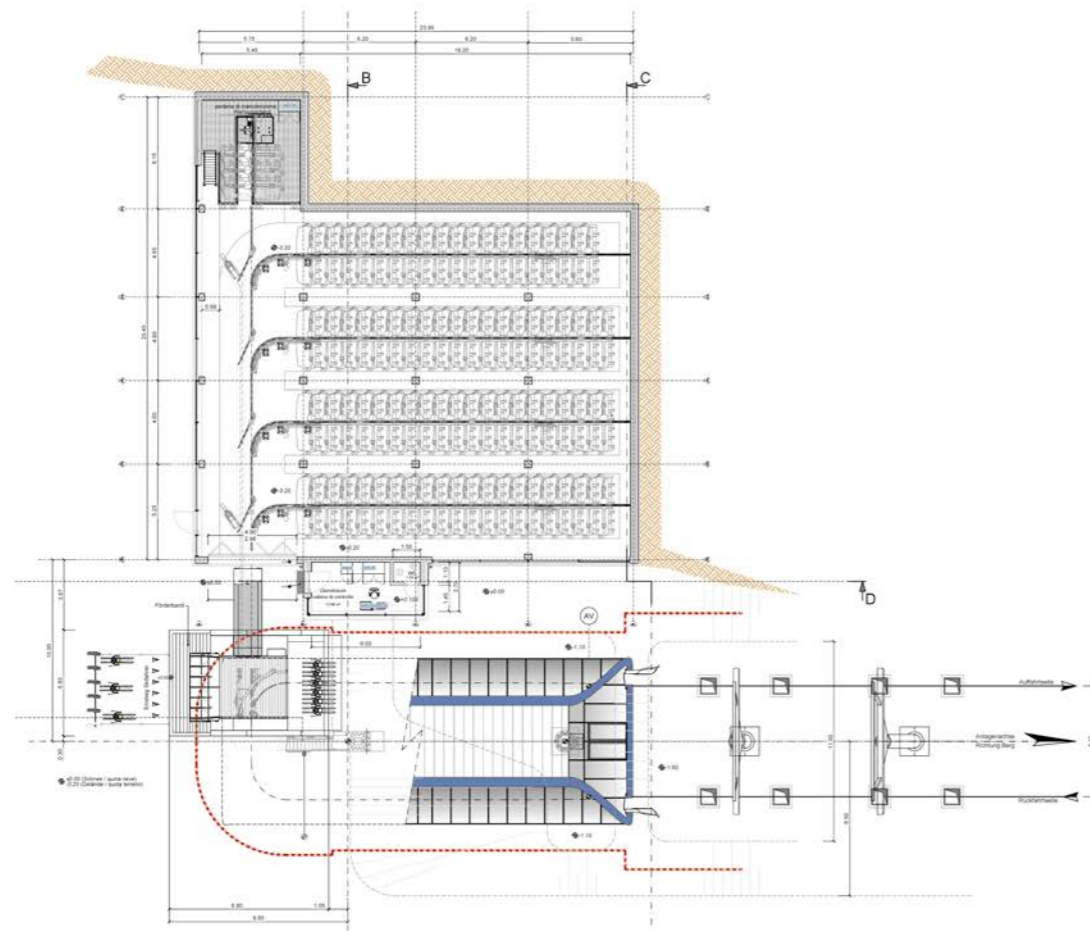




CD6C WASTENEKG

Ladurns / IT

Inclined length	1517 m	Power	662 kW
Vertical rise	511 m	Total number of vehicles	79
Transport capacity	2600 p/h	Total number of towers	12







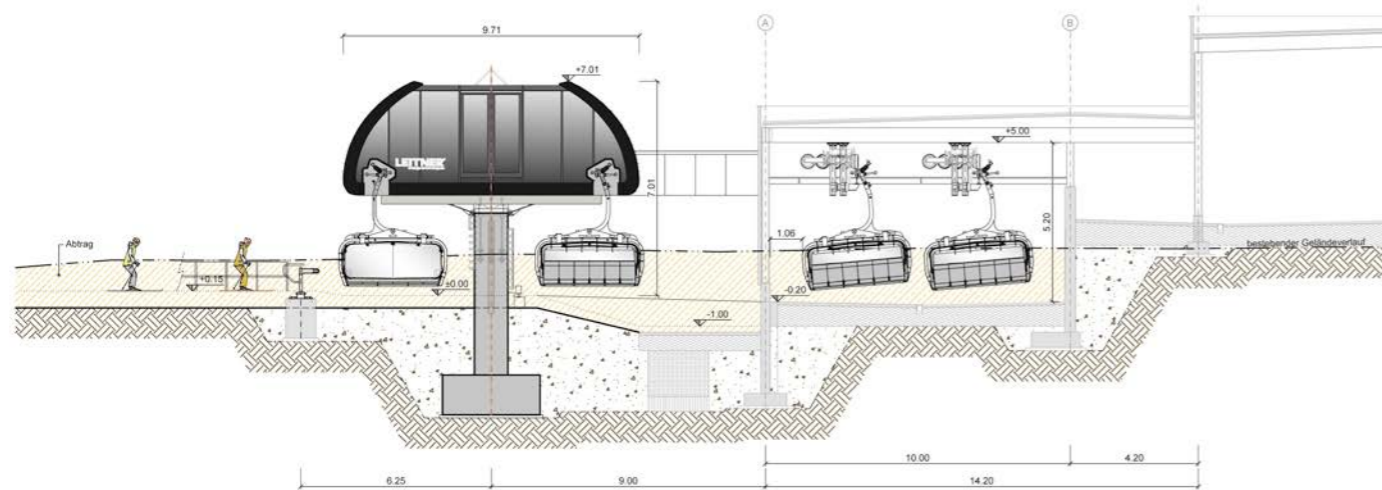
CD6C GLOCKNERBLICK

Kals am Großglockner / AT

Inclined length	1417 m	Power	324 kW
Vertical rise	676 m	Total number of vehicles	58
Transport capacity	2400 p/h	Total number of towers	12

The Großglockner resort Kals – Mauterhorn is the largest ski resort in East Tyrol and now has a new 6-seater chairlift in Kals am Großglockner. The “Glocknerblick” chairlift was built on a new route and now enables a direct connection from the residential area of Grossdorf to the ski area. The station in Pininfarina style combines

a modern design with maximum function. With the two existing 4-seater chairlifts, the ride to the ski area previously took around 30 minutes. Now it is quicker and more comfortable, meaning a huge increase in quality for the resort.









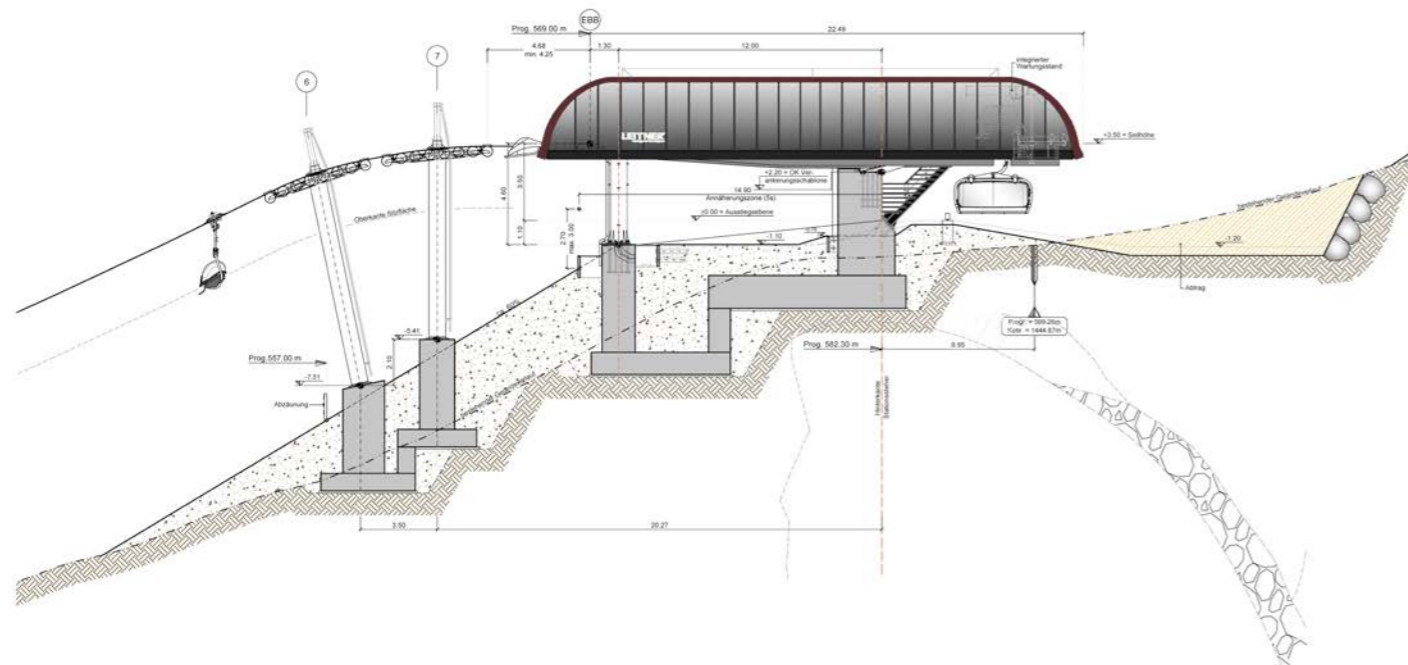
CD6C SCHRATTENWANGBAHN

Söllereck / DE

Inclined length	561 m	Power	315 kW
Vertical rise	166 m	Total number of vehicles	21
Transport capacity	1680 p/h	Total number of towers	7

Since this winter, at Söllereck near Oberstdorf, the new “Schrattenwangbahn” has visibly and tangibly symbolized the quality campaign launched by Oberstdorfer Bergbahnen AG. On the existing route of the formerly 50-year-old surface lift, guests can now enjoy the comfort of a modern 6-seater chairlift in premium de-

sign. Besides bubbles and comfortable single seats, this includes the benefits of the new Pininfarina-designed stations. The elegant design, premium materials and the latest technologies aim to reflect the vision of a ski area that is fast becoming the most modern, year-round family resort.







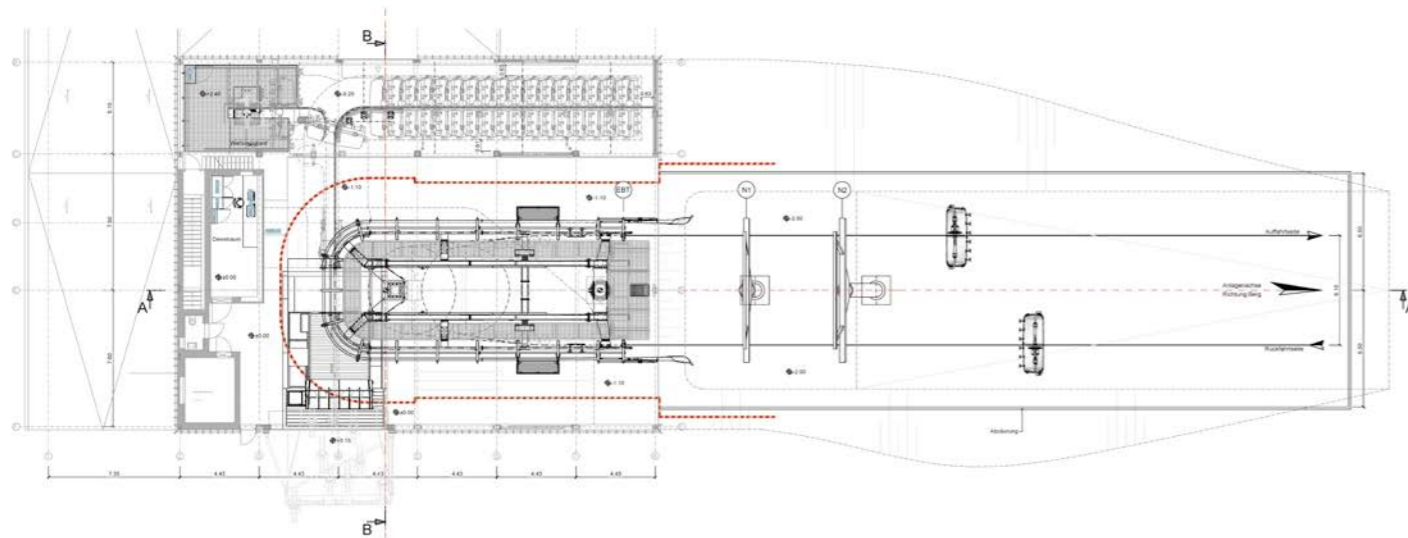
CD6C SCHRÖDELSTEINBAHN

Lenggries / DE

Inclined length	813 m	Power	441 kW
Vertical rise	299 m	Total number of vehicles	41
Transport capacity	2400 p/h	Total number of towers	10

After Brauneck- und Wallbergbahnen GmbH's positive experiences with the identical "Milchhäuslexpress" ropeway, the management chose the tried and trusted provider again when modernizing the ropeway: the new "Schrödelsteinbahn" at Jaudenhang in the popular family ski resort is equipped with bubbles, individual footrests and seat heating. Compared with the ropeway's predecessor "Finstermünz", passenger capacity has

increased from 650 to 2,400 winter sports enthusiasts per hour. Alongside its eco-friendliness thanks to LEITNER's particularly energy-efficient DirectDrive technology, the implementation particularly focused on child-friendly functions. For example, the ropeway has automatic locking safety bars and a boarding conveyor belt with an automatic elevating platform for easier access.



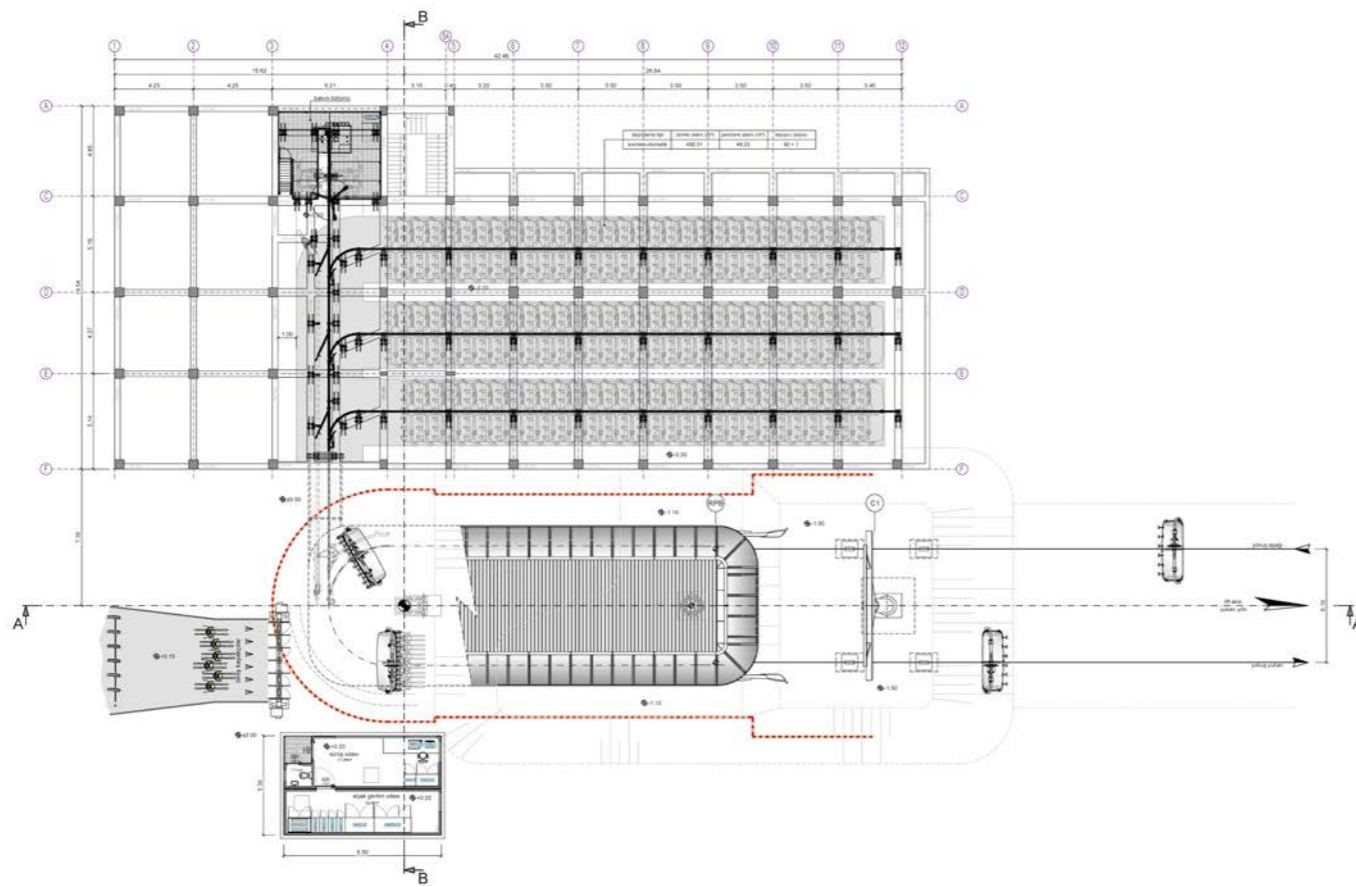




CD6C SARIKAMIS

Sarikamis / TR

Inclined length	1851 m	Power	997 kW
Vertical rise	335 m	Total number of vehicles	92
Transport capacity	2991 p/h	Total number of towers	14

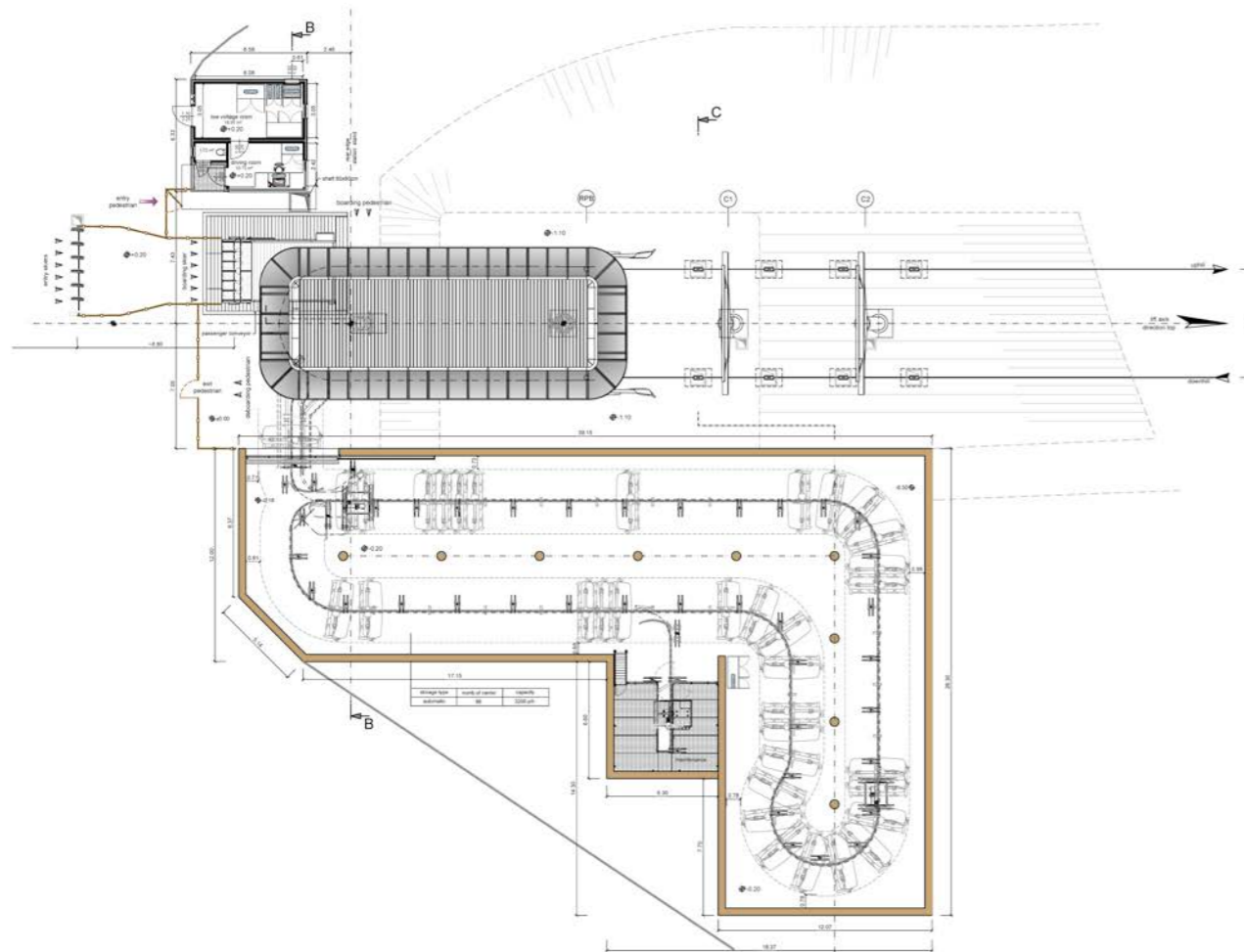




CD6C POPOVA SHAPKA

Tetovo / MK

Inclined length	1357 m	Power	460 kW
Vertical rise	285 m	Total number of vehicles	87
Transport capacity	3200 p/h	Total number of towers	11

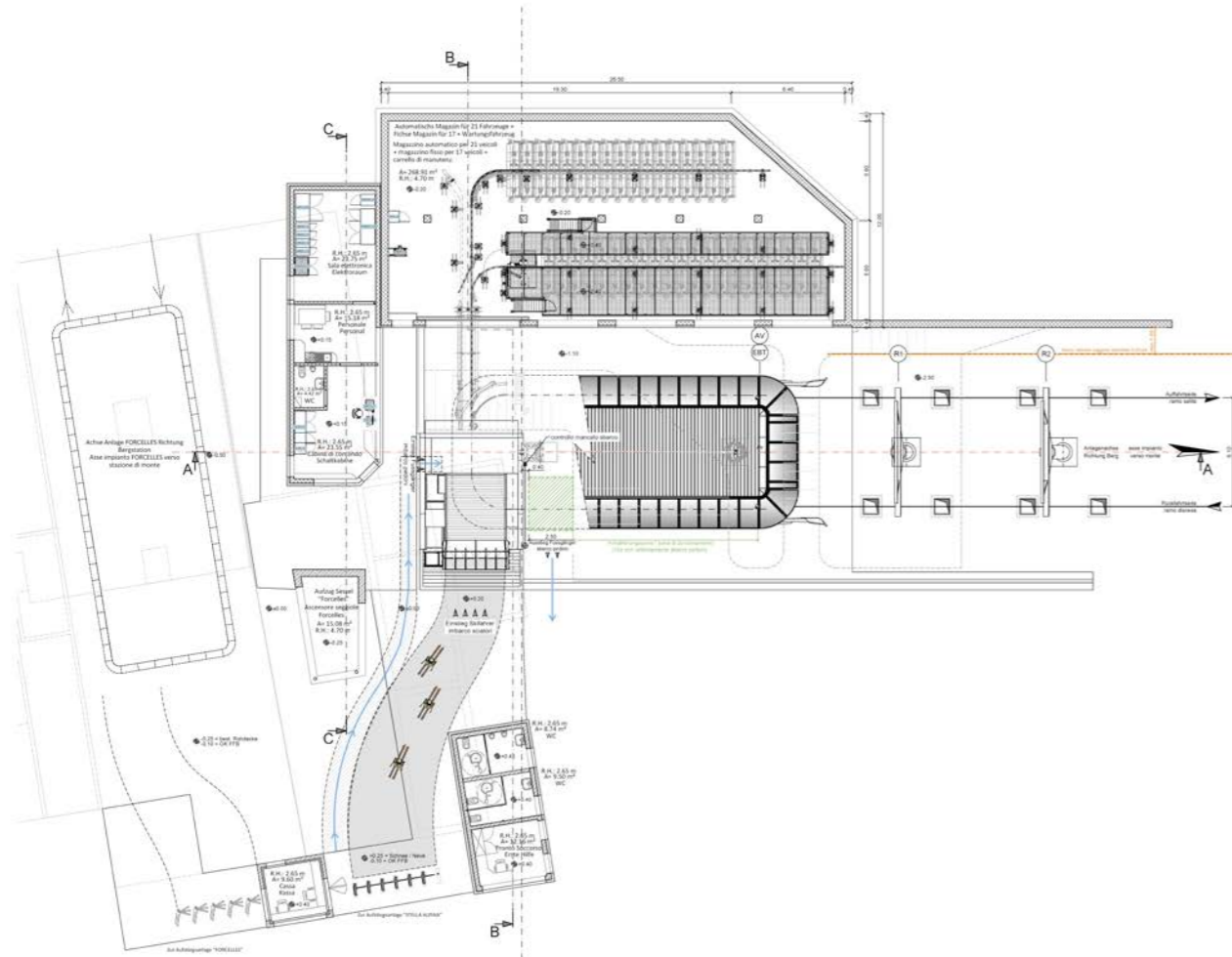




CD6 STELLA ALPINA

Kolfuschg - Colfosco / IT

Inclined length	617 m	Power	368 kW
Vertical rise	129 m	Total number of vehicles	37
Transport capacity	2475 p/h	Total number of towers	7



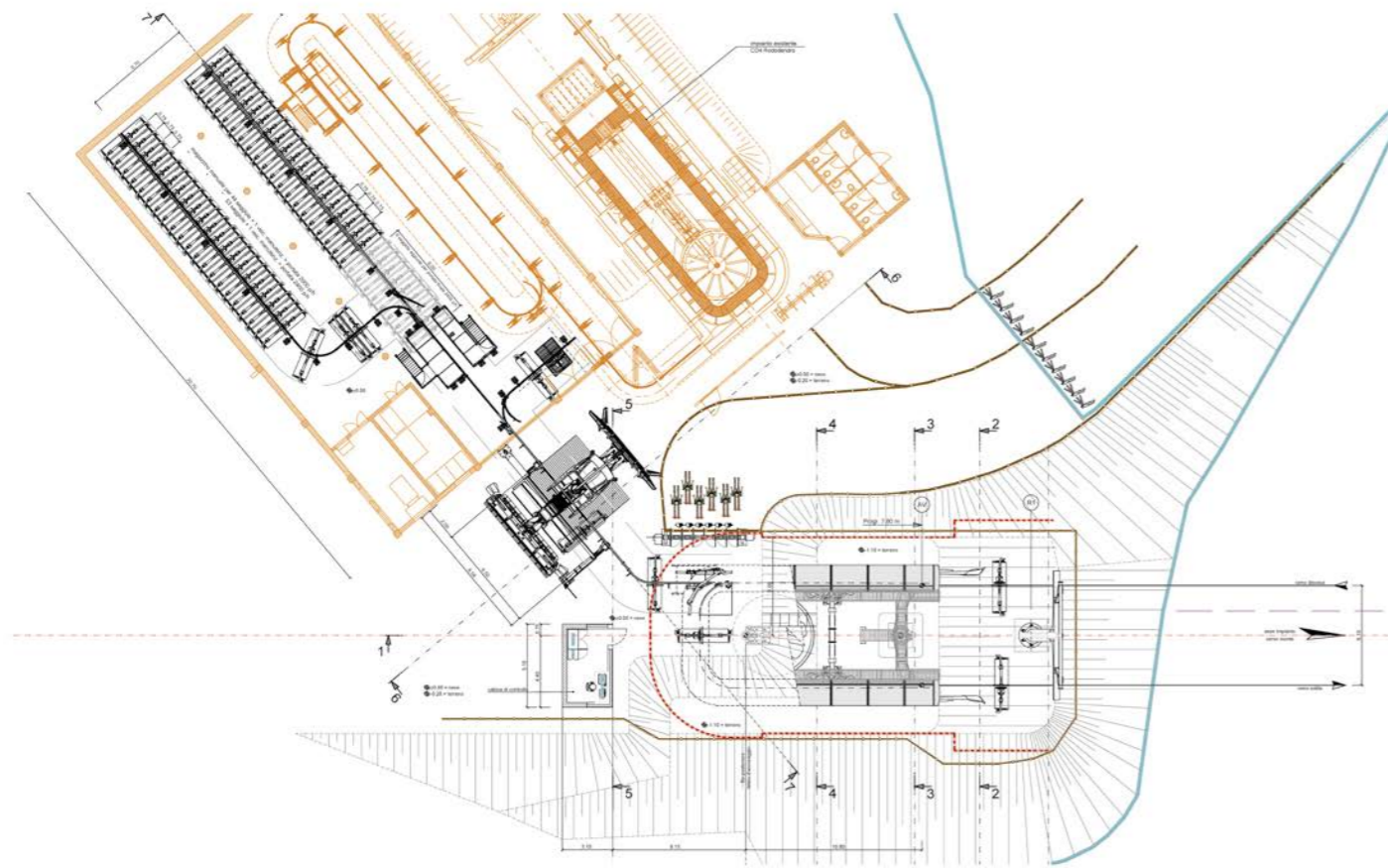




CD6 MALGA TOGNOLA

San Martino di Castrozza / IT

Inclined length	1088 m	Power	500 kW
Vertical rise	283 m	Total number of vehicles	53
Transport capacity	2400 p/h	Total number of towers	9



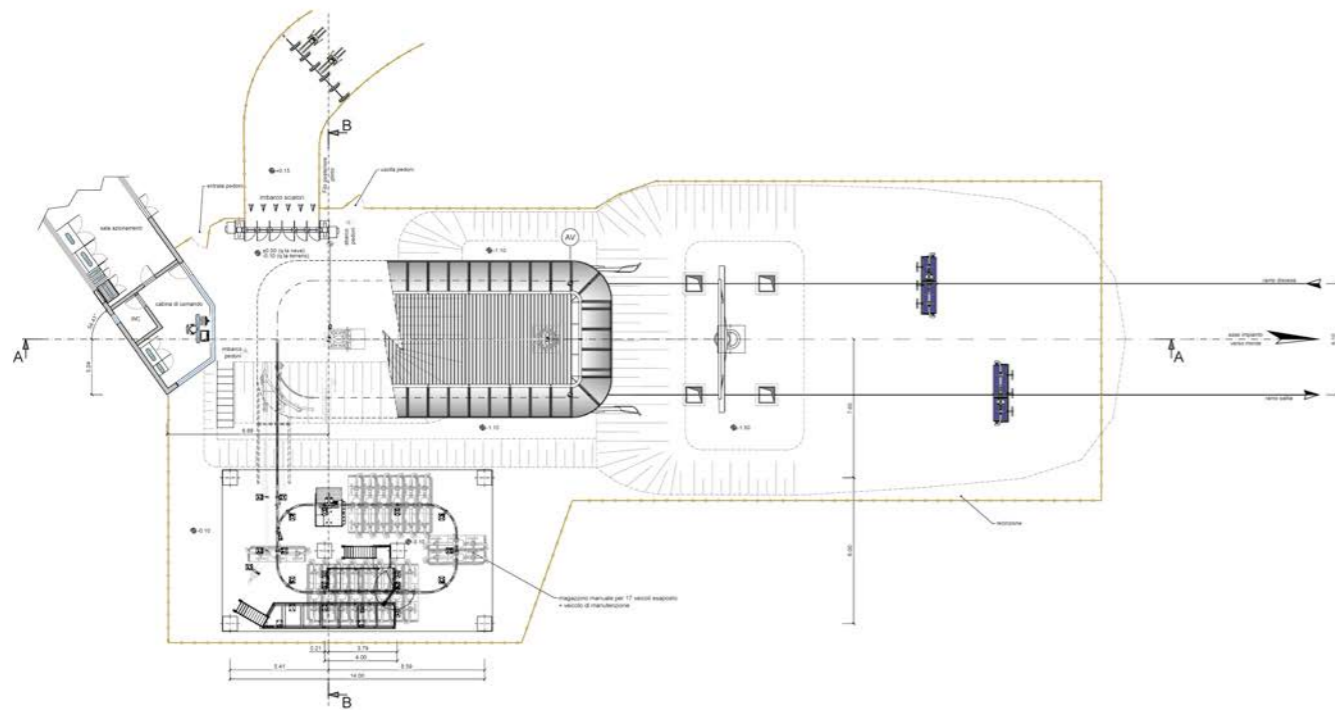




CD6 BUSA FONDA - MELETTE DI MEZZO

Loc. Melette - Gallio / IT

Inclined length	1077 m	Power	400 kW
Vertical rise	227 m	Total number of vehicles	44
Transport capacity	2000 p/h	Total number of towers	9





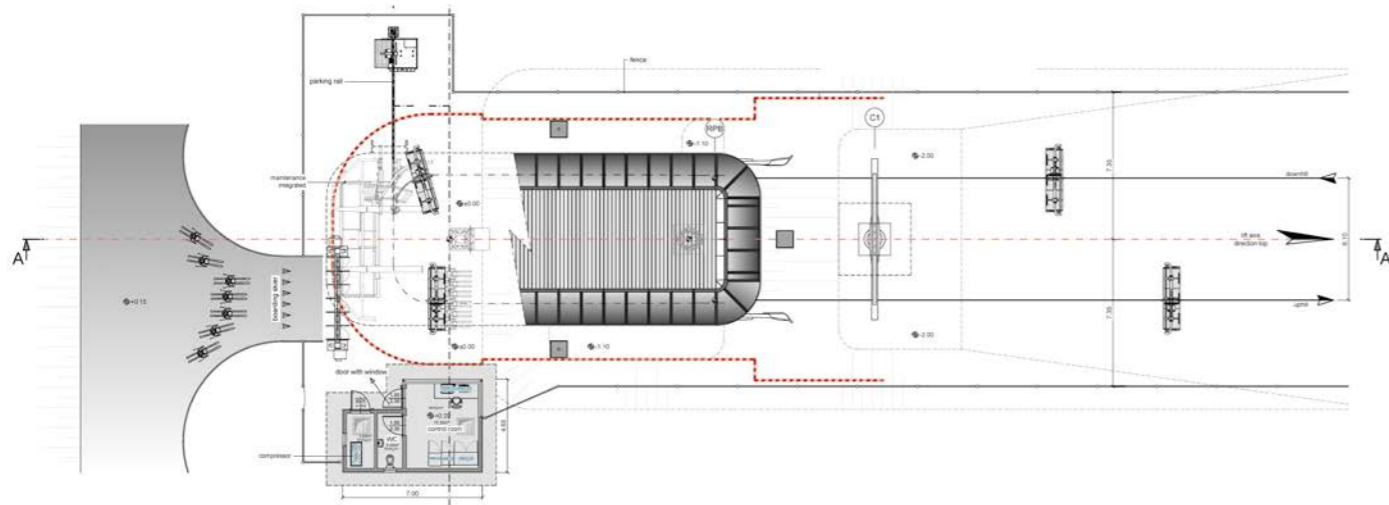
CD6 HIMMELFJAELL LIFT 7

Idre / SE

Inclined length	1149 m	Power	400 kW
Vertical rise	203 m	Total number of vehicles	60
Transport capacity	2596 p/h	Total number of towers	11

The Idre Himmelfjäll ski resort in Western Sweden on the border with Norway calls itself "Sweden's newest ski resort". The resort opened its doors in 2019 and all ropeways in the resort were installed by LEITNER ropeways. This includes the 6-seater chairlift Himmelfjaell Lift 7 as well as six additional

surface lifts. To get to the slopes directly from the hotel, numerous new holiday homes were built on the resort, the heart of which is the new chairlift. At over 1 km in length, this is particularly long. The resort is ideal for families thanks to its flat ski slopes.

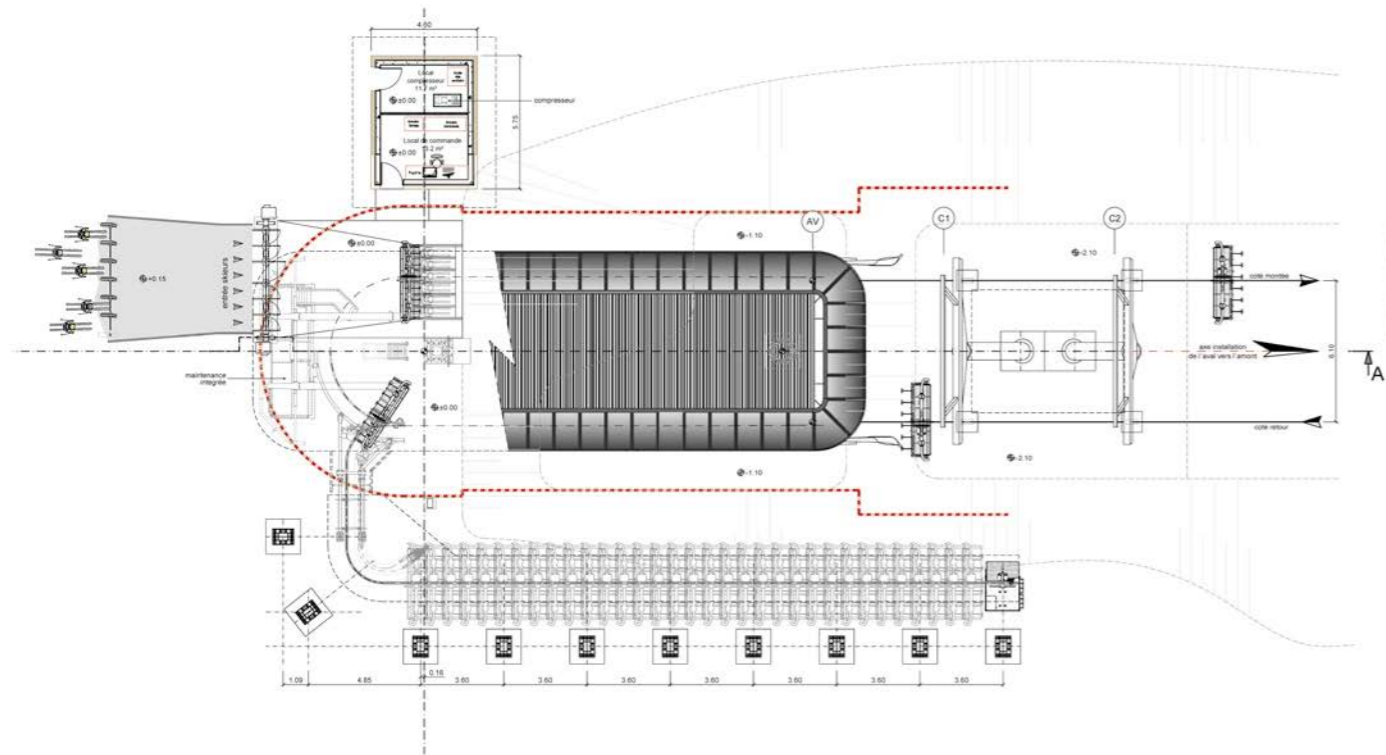




CD6 LA SANDONIÈRE

Valmeinier / FR

Inclined length	1364 m	Power	728 kW
Vertical rise	463 m	Total number of vehicles	70
Transport capacity	2800 p/h	Total number of towers	13



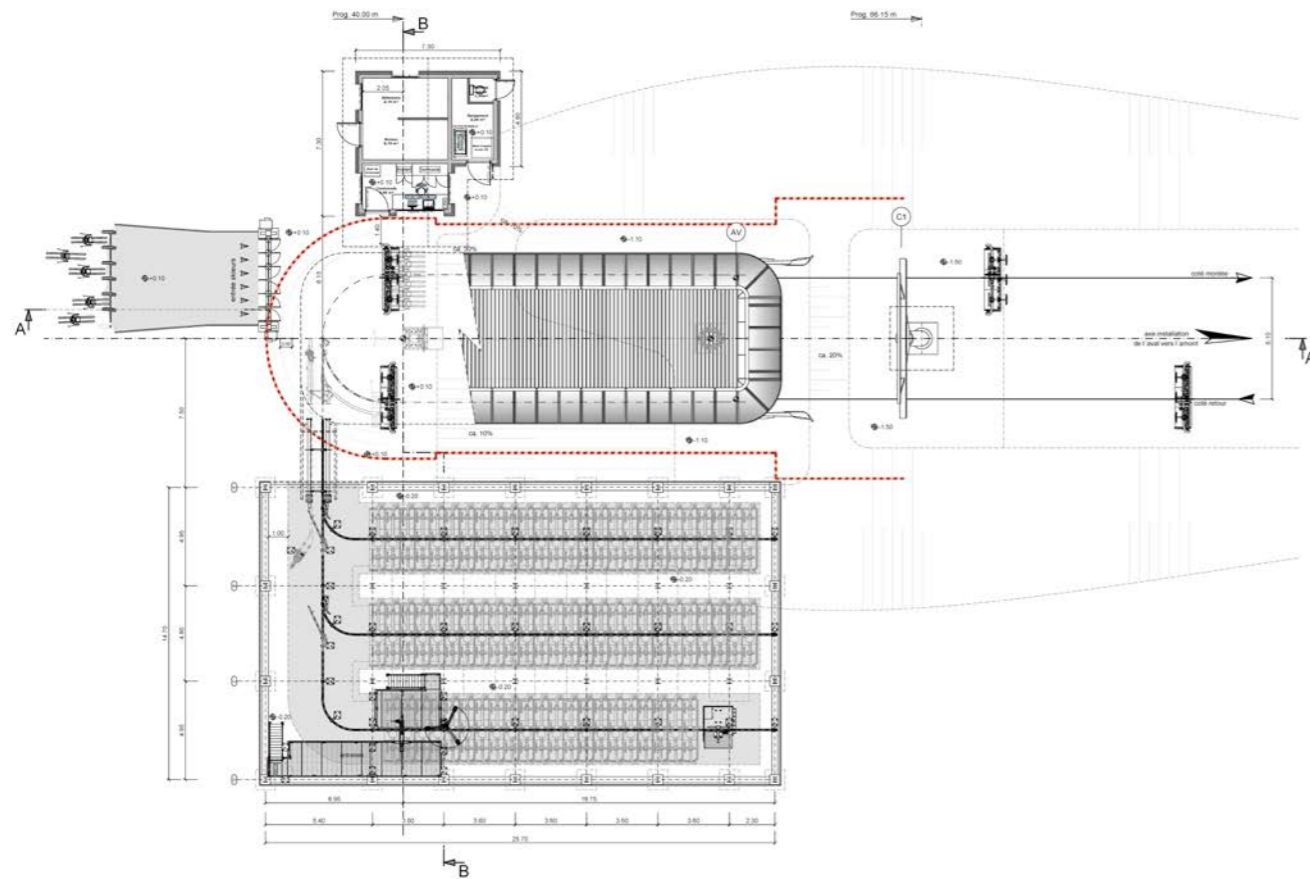




CD6 CASES

Avoriaz / FR

Inclined length	2066 m	Power	662 kW
Vertical rise	442 m	Total number of vehicles	110
Transport capacity	2700 p/h	Total number of towers	18



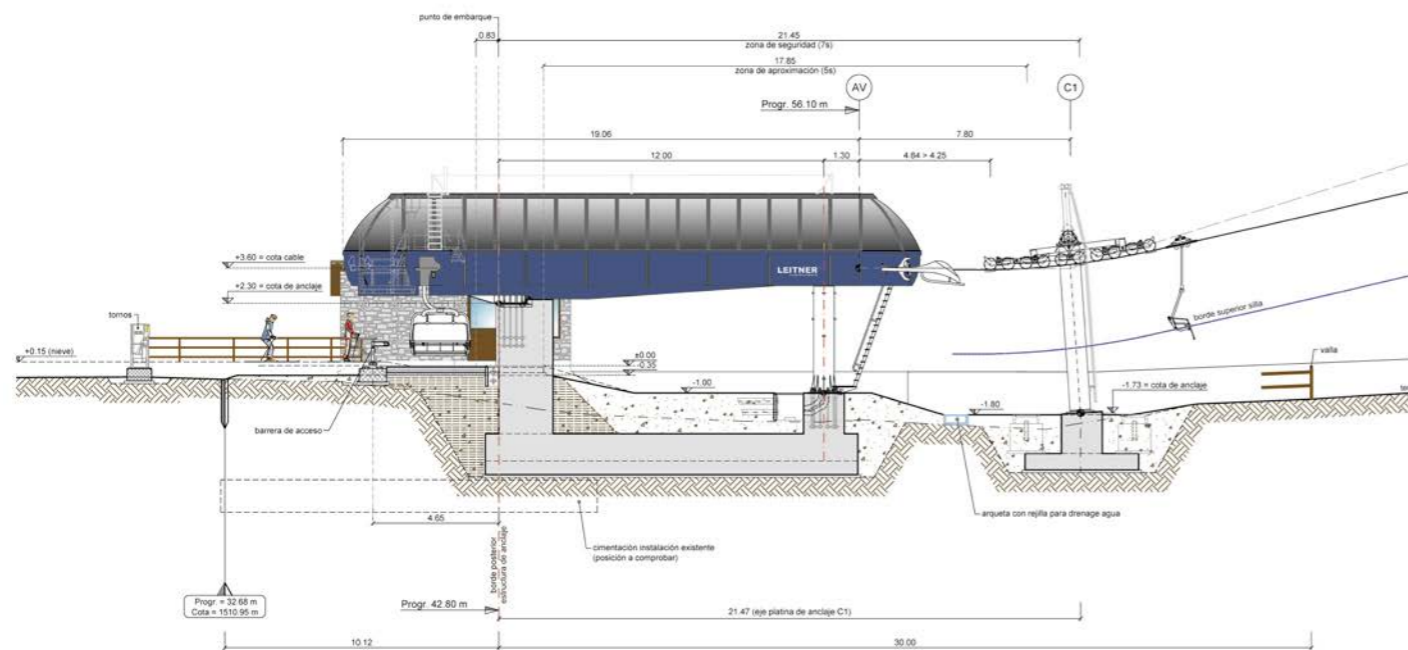
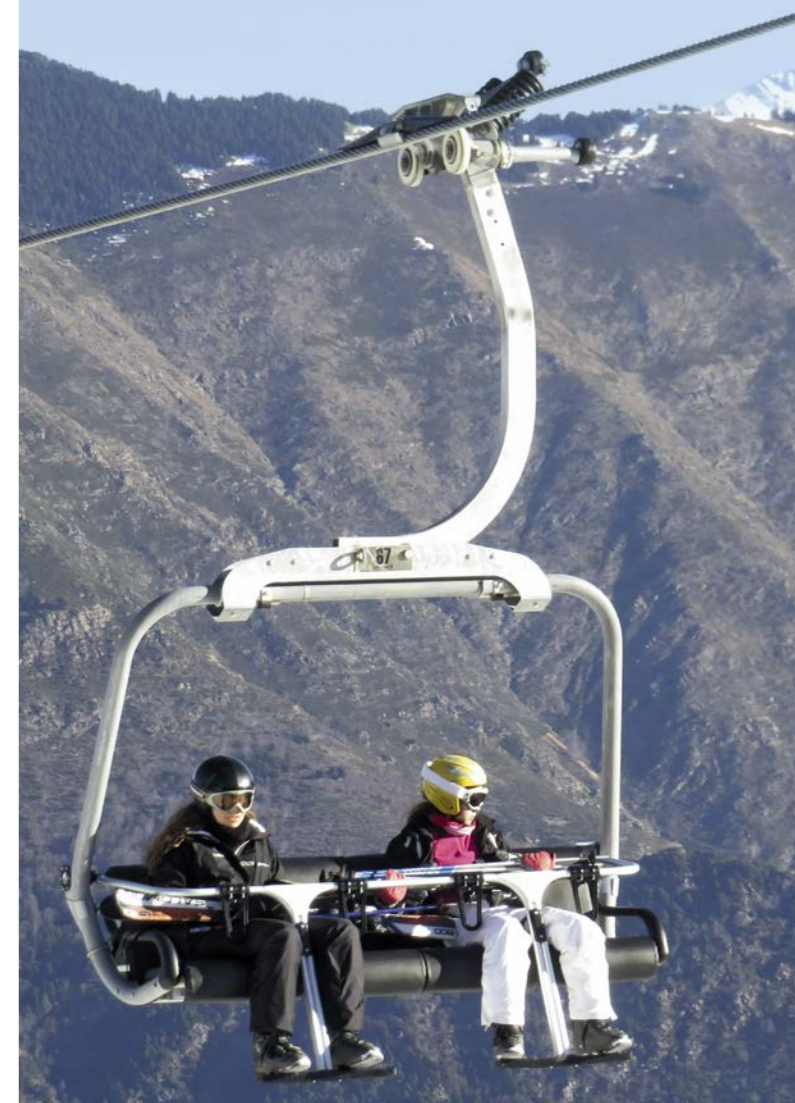




CD4 LA ROCA

ESPOT / ES

Inclined length	1930 m	Power	514 kW
Vertical rise	434 m	Total number of vehicles	135
Transport capacity	2400 p/h	Total number of towers	14

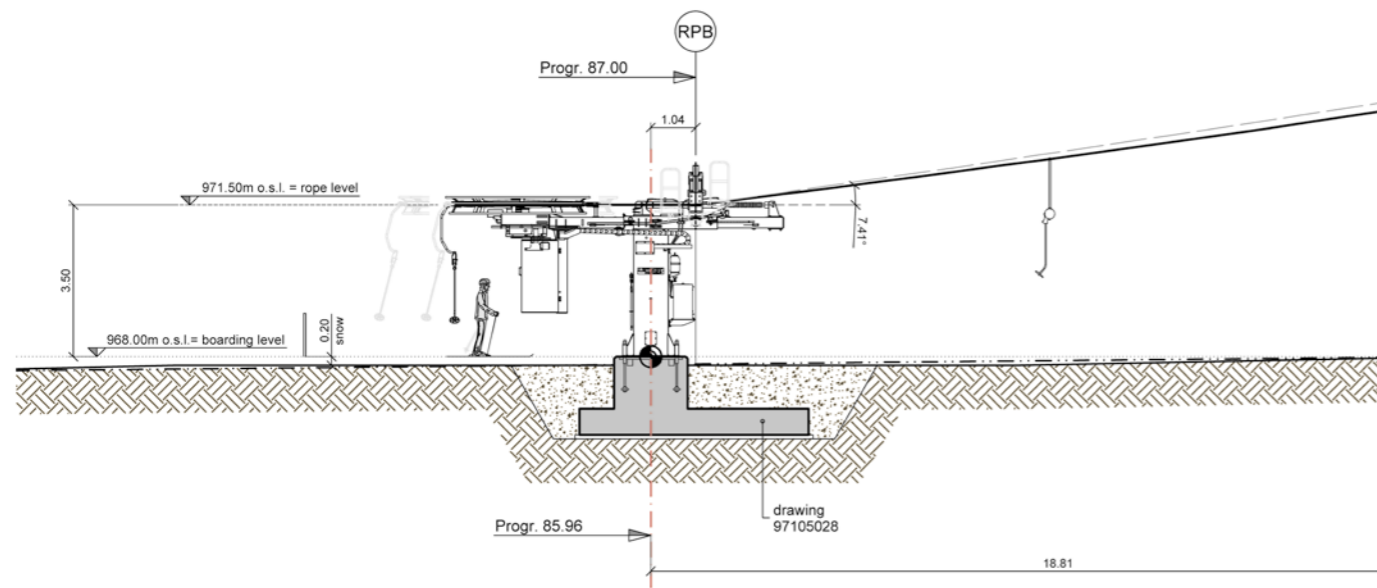




SL1 GEILO

Geilo / NO

Inclined length	625 m	Power	45 kW
Vertical rise	105 m	Total number of vehicles	104
Transport capacity	874 p/h	Total number of towers	7



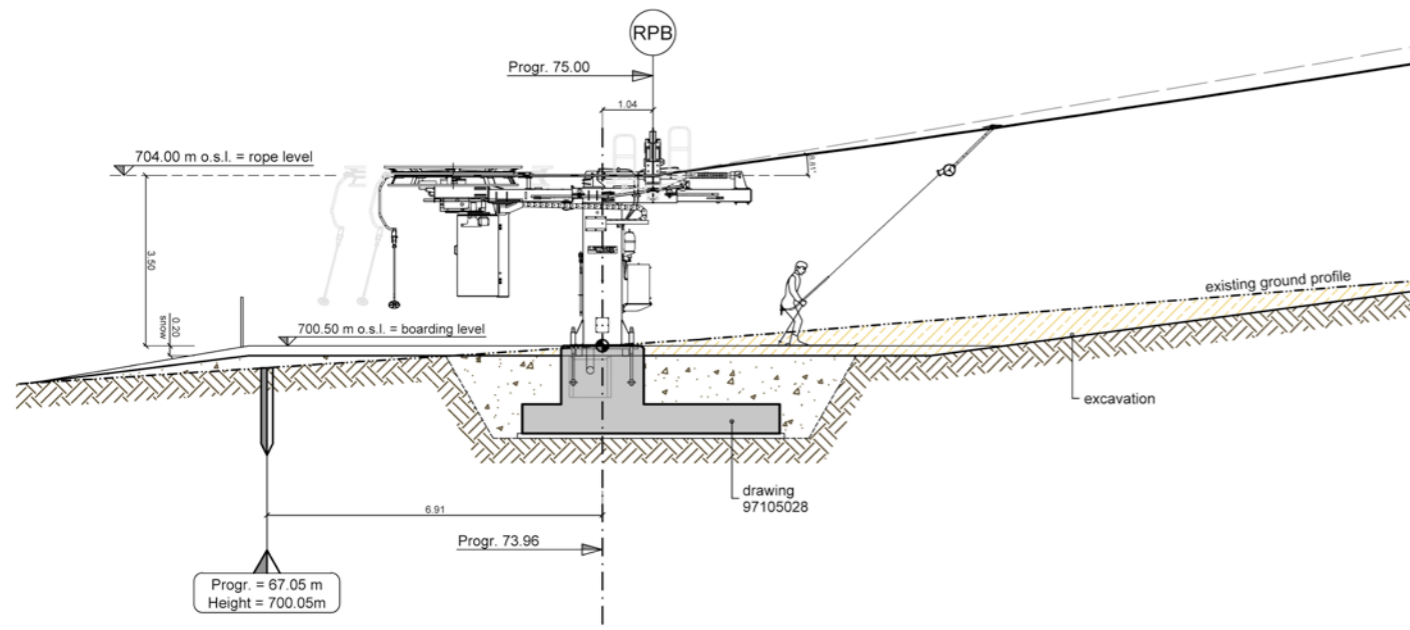




SL1 TURUFJELL

Turufjell / NO

Inclined length	676 m	Power	45 kW
Vertical rise	115 m	Total number of vehicles	114
Transport capacity	896 p/h	Total number of towers	7

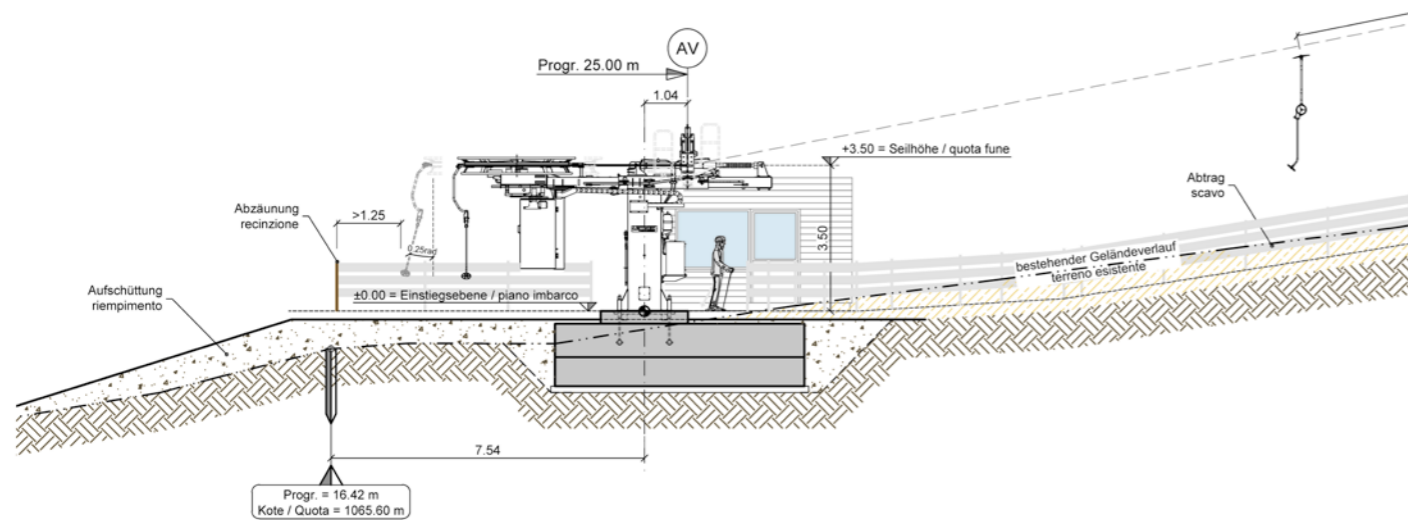




SL1 RUNGG

Lüsen - Luson / IT

Inclined length	728 m	Power	45 kW
Vertical rise	110 m	Total number of vehicles	98
Transport capacity	720 p/h	Total number of towers	7



Successfully modernized





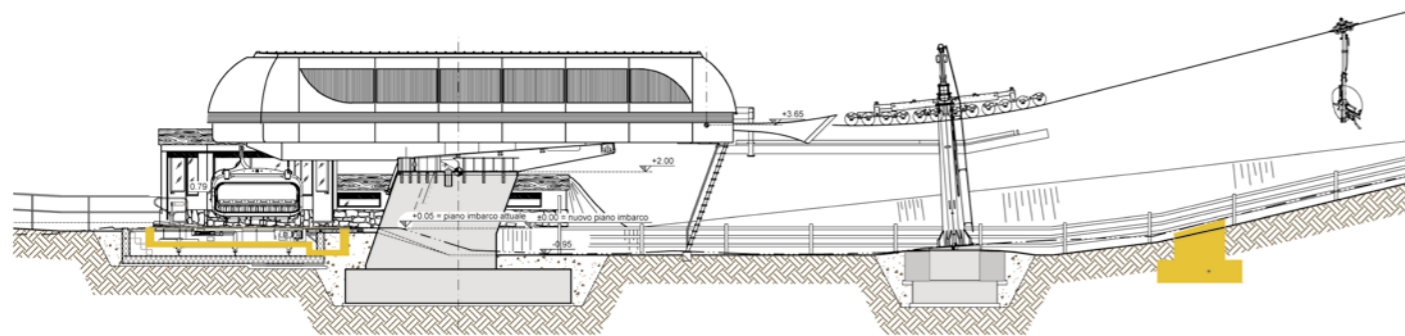
CD6C COMICI 1

Wolkenstein - Selva Val Gardena / IT

Inclined length	864 m	Power	2x270 kW
Vertical rise	152 m	Total number of vehicles	32
Transport capacity	1800 p/h	Total number of towers	10

LEITNER ropeways has renovated the 6-seater chairlift "Comici 1" (formerly Piz Sella 1) on behalf of the Piz de Sella Spa, at the foot of the Sassolungo mountain in Val Gardena, South Tyrol. This means winter sports enthusiasts will be a lot more comfortable. The line was optimized, a tower was removed and new roller groups were mounted. The modernization included also the overhaul of the main gearbox, bull-wheel, service brakes and emergency

brakes, full maintenance of the grips and replacement of the entrance gate with a new conveyor belt. To save more energy, the electrical control system was also fully replaced and the installation got two new AC motors. Another obvious change for skiers is the seats, which have been replaced by new ones with comfort padding, individual footrests, seat heating, and blue bubbles.





CD4C SCHÖNBODEN

Plose, Brixen - Bressanone / IT

Inclined length	1497 m	Power	500 kW
Vertical rise	292 m	Total number of vehicles	96
Transport capacity	2200 p/h	Total number of towers	21

On the Plose, the local mountain of Bressanone in South Tyrol, the ski area operator attaches great importance to offering a comfortable ascent to the guests. In the winter of 2019/2020, Plose Ski AG therefore decided to modernize the 4-seater chairlift Schönboden. The history of this installation goes back to 1985: LEITNER

ropeways built a 3-seater chairlift at the time and, in 1998, a 4-seater chairlift was installed in its place. Now the seats of the chairlift have been replaced by a modern 4-seater version with comfort padding and a damping system, individual footrests, and blue bubbles.





AT65 BONDINHO PÃO DE AÇÚCAR

Rio de Janeiro / BR

AT65 Praia Vermelha – Morro da Urca

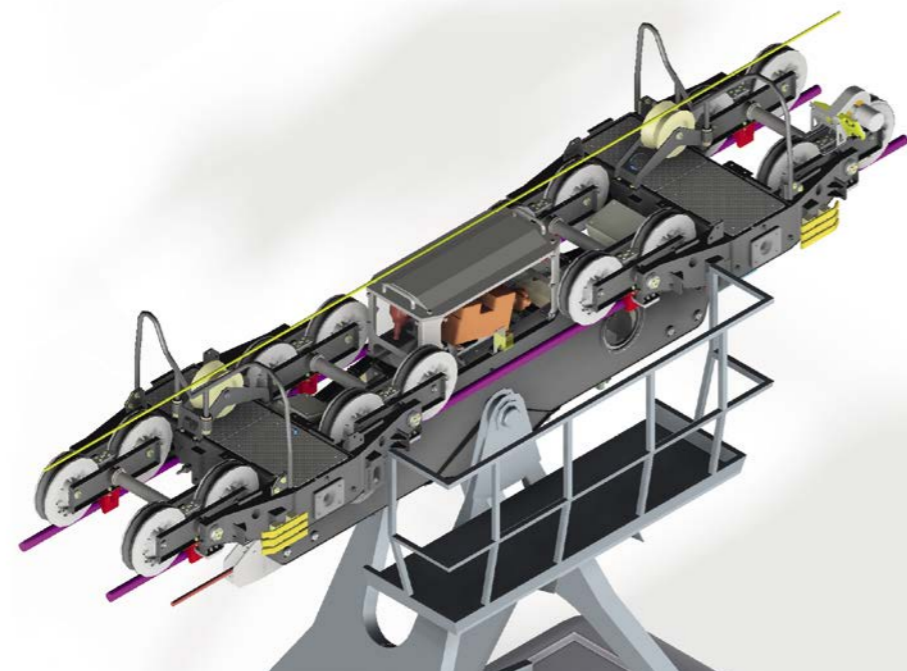
Inclined length	528 m
Vertical rise	211 m
Transport capacity	1041 p/h
Power	315 kW
Total number of vehicles	2
Total number of towers	0

For over 100 years, people have been able to go up to the top of the world-famous “Pao de Acucar” (Sugarloaf Mountain) in Rio de Janeiro by ropeway. The original ropeway was built in 1912/13 in two sections, running from Praia Vermelha, the Red Beach, via Morro da Urca up to the nearly 400-meter-high Sugarloaf Mountain. The AGUDIO ropeway was newly constructed in 1972 and the cabin carriages were renovated in 2016. The customer, Companhia Caminho Aereo Pao de Acucar,

AT65 Morro da Urca – Morro do Pão de Açúcar

Inclined length	750 m
Vertical rise	180 m
Transport capacity	975 p/h
Power	280 kW
Total number of vehicles	2
Total number of towers	0

commissioned LEITNER ropeways with the renovation of the two ropeways in 2019. The contract includes project planning, delivery and assembly supervision of the new drive group consisting of a horizontal drive shaft with a drive sheave and bearings, as well as brake discs and break calipers. In addition, electronic components and a spare parts package were supplied. The modernization work means that the traveling speed increases to 8 m/s, making long waiting times a thing of the past.










Successes 2019




Successes 2019







TD34 VOSS
Voss / NO




	2042 m
	746 m
	1544 p/h
	640 kW
	13
	3







GD10 CORTINA -
COL DRUSCIÉ
Cortina d'Ampezzo / IT



	2168 m
	557 m
	2000 p/h
	882 kW
	53
	16

GD10 LA CRUSC
Abtei - Badia / IT



	958 m
	184 m
	1580 p/h
	368 kW
	21
	6

CD6 MALGA TOGNOLA
San Martino di Castrozza / IT



	1088 m
	283 m
	2400 p/h
	500 kW
	53
	9

CD6 STELLA ALPINA
Kolfuschg - Colfosco / IT




	617 m
	129 m
	2475 p/h
	368 kW
	37
	7







CD6C WASTENEGG
Ladurns / IT




	1517 m
	511 m
	2600 p/h
	662 kW
	79
	12






GD10 FLECKALMBAHN
Kitzbühel / AT




	4071 m
	971 m
	2590 p/h
	1405 kW
	96
	22







GD10 PARTIZAN
JAHORINA
Jahorina / BA




	1103 m
	238 m
	2700 p/h
	418 kW
	36
	7







GD10 SAVOGNIN -
TIGIGNAS
Savognin, Surses / CH



	1618 m
	423 m
	2000 p/h
	794 kW
	37
	10

CD6C GLOCKNERBLICK
Kals am Großglockner / AT




	1417 m
	676 m
	2400 p/h
	324 kW
	58
	12







CD6C MITTERKASER
Berchtesgaden / DE




	714 m
	262 m
	1400 p/h
	368 kW
	22
	9







CD6C SCHRATTENWANGBAHN
Söllereck / DE




	561 m
	166 m
	1680 p/h
	315 kW
	21
	7







GD10 SKY WAKA
Mt Ruapehu / NZ




	1799 m
	381 m
	2600 p/h
	790 kW
	53
	14







TMX6-10 CHABRIERES
Vars / FR




	1328 m
	353 m
	2600 p/h
	600 kW
	48+16
	14







TMX6-8 CORONET EXPRESS II
Coronet Peak, Queenstown / NZ




	1203 m
	419 m
	3000 p/h
	660 kW
	84
	14







CD6C SCHRÖDELSTEINBAHN
Lenggries / DE




	813 m
	299 m
	2400 p/h
	441 kW
	41
	10







CD6 CASES
Avoriaz / FR



	2066 m
	442 m
	2700 p/h
	662 kW
	110
	18






CD6 LA SANDONIÈRE
Valmeinier / FR




	1364 m
	463 m
	2800 p/h
	728 kW
	70
	13







CD8C HASENKÖPFL
Sexten - Sesto / IT




	1442 m
	302 m
	3600 p/h
	679 kW
	80
	13







CD8 REITERJOCH
Obereggen / IT




	600 m
	180 m
	3000 p/h
	662 kW
	32
	7





CD6 BUSA FONDA -
MELETTE DI MEZZO
Loc. Melette - Gallio / IT




	1077 m
	227 m
	2000 p/h
	400 kW
	44
	9







CD6C POPOVA SHAPKA
Tetovo / MK




	1357 m
	285 m
	3200 p/h
	460 kW
	87
	11







CD6 HIMMELFJAELL LIFT 7
Idre / SE









	1149 m
	203 m
	2596 p/h
	400 kW
	60
	11

CD6C SARIKAMIS
Sarikamis / TR




	1851 m
	335 m
	2991 p/h
	997 kW
	92
	14







CD4 LA ROCA
Espot / ES

	1930 m
	434 m
	2400 p/h
	514 kW
	135
	14







SL2 HIMMELFJAELL LIFT 1
Idre / SE

	649 m
	75 m
	1200 p/h
	45 kW
	69
	6







SL2 HIMMELFJAELL LIFT 8
Idre / SE

	944 m
	90 m
	1199 p/h
	75 kW
	94
	9






SL1 HIMMELFJAELL LIFT 2
Idre / SE

	595 m
	40 m
	787 p/h
	45 kW
	106
	5







SL1 HIMMELFJAELL LIFT 4
Idre / SE

	742 m
	71 m
	586 p/h
	45 kW
	136
	6

IF25 SAN PELLEGRINO TERME
San Pellegrino Terme / IT

	710 m
	288 m
	363 p/h
	75 kW
	2







SL2 HIMMELFJAELL LIFT 9
Idre / SE

	1499 m
	214 m
	1200 p/h
	130 kW
	144
	14






SL2 HIMMELFJAELL LIFT 12
Idre / SE

	826 m
	109 m
	1202 p/h
	75 kW
	85
	7






SL1 COL D'ALTIN
Abtei - Badia / IT

	168 m
	17 m
	720 p/h
	22 kW
	32
	2







IF440 U-BAHN SERFAUS
Serfaus / AT

	1290 m
	19 m
	3350 p/h
	1486 kW
	1







IE30 TURKU
Turku / FI

	130 m
	30 m
	480 p/h
	44 kW
	1







SL1 OASI DEL CERVO
Gamberale / IT

	373 m
	75 m
	720 p/h
	25 kW
	51
	3







SL1 RUNGG
Lüsen - Luson / IT

	728 m
	110 m
	720 p/h
	45 kW
	98
	7



SL1 FISCHBACHERLIFT
Großarl / AT

	309 m
	32 m
	582 p/h
	22 kW
	57
	4







SL1 CHAMOIS 2
La Toussuire / FR







	296 m
	35 m
	900 p/h
	74 kW
	52
	4



SL1 GEILO
Geilo / NO

	625 m
	105 m
	874 p/h
	45 kW
	104
	7

SL1 TURUFJELL
Turufjell / NO

	676 m
	115 m
	896 p/h
	45 kW
	114
	7

	Inclined length
	Vertical rise
	Transport capacity
	Power
	Total number of vehicles
	Total number of towers

	Winter Sports
	Urban
	Tourism

LEITNER ropeways



Sterzing (Italy)



Sterzing (Italy)



Telfs (Austria)



Montmélian (France)



Grand Junction (USA)



Stará L'ubovňa (Slovakia)



