

2015
REPORT













2015 in retrospect

LEITNER ropeways provided technological excellence worldwide in all different areas in 2015, ranging from winter sports through to urban passenger transport in nine countries. Combining high technology, functionality, efficiency, and unique design, ropeways are an innovative and environmentally friendly way to get from A to B. Having pioneered DirectDrive, LEITNER ropeways is unique in boasting 15 years' experience with the gearless drive system. DirectDrive offers numerous benefits, from low consumption and emissions to improved ride comfort. Fifteen new systems were manufactured out with the innovative drive system in 2015 alone.

The latest projects highlight the increasing trend toward excellent ride comfort and modern design. With its stylish gondola melodiously chris-

tened "Symphony" designed by Pininfarina, the most famous vehicle designer in the world, and with the LEITNER Premium Chair, which features expertise drawn from the automotive industry and genuine leather seats, one thing is certain: LEITNER ropeways leads the way. Tailored design elements reinforce customers' branding and communications strategies and give them a key competitive edge. LEITNER ropeways sets new standards in technology and design.

ITALY

More comfort, and not only round the Sella

The Arabba Fly 6-seater chairlift means winter sports enthusiasts doing the Sella Ronda can now travel in comfort over the village of Arabba instead of having to cross it on foot. Skiers and walkers can now ride to the top of the 3,000-meter-high Presena Glacier from the Passo del Tonale and enjoy the panoramic views. The 6-seater La Fraina chairlift in Alta Badia is equipped with DirectDrive and provides improved links between La Villa and San Cassiano. At the Sella Pass, the Piz Sella 6-seater chairlift has replaced a 2-seater system. The Jaufen Lift 4-seater chairlift at the Jaufen Pass features stylish seats, blue bubbles and the DirectDrive. New ropeways were put into service in Ponte di Legno and Campobasso.

AUSTRIA

The leading ski resort in the world can now offer guests a level of comfort to match thanks to the Premium Chair.

The partnership between LEITNER ropeways and Bergbahn AG Kitzbühel goes back many years and now has another highlight in the shape of the CD8C Brunn with DirectDrive. This is the first system to feature the new LEITNER Premium Chair, built using state-of-the-art technology from the automotive industry. Also new in Kitzbühel is the Bichlalm 2-seater chairlift. The new CD6C Schernthannbahn in Hopfgarten in the Brixental demonstrates significant improvements. Comfort seats and individual color schemes with blue bubbles are more than visual highlights.

DirectDrive and the automatic elevating platform substantially enhance ride comfort for the guests.





SWITZERLAND AND FRANCE

Modern, individual design created with sustainability in mind

The Sogn Martin-La Siala GD10 gondola lift in Laax is the perfect example of how sustainability, design, and high technology can be combined. It features cabins designed by Pininfarina and stations made of wood from Grisons as well as the innovative DirectDrive. Zermatt Bergbahnen has also embraced the gearless drive system. Their new Joscht-Hirli 6-seater chairlift also features blue bubbles. Patron of the chairlift is top skier Lara Gut, whose photo adorns the upholstery. In France, LEITNER installed a system featuring LeitDrive and DirectDrive for the private company Les Arcs – Paradiski (Compagnie des Alpes). The system can run at 6 meters per second, enabling a high transport capacity.

GERMANY

Family-friendly and extremely comfortable

Modern ropeways focus rigorously on comfort and safety, as the CDC6 Zeigerbahn in St. Blasien on the Feldberg mountain in the Black Forest amply demonstrates. The features of this particularly family-friendly ropeway include an elevating platform that detects the presence of child passengers and automatically adjusts the entry height. In addition, the system has an important interconnection function between the center at the top of the pass and the installations on the Feldberg. Not only does the new Poppenberg 8-seater in the Winterberg ski lift carousel offer a very comfortable ride – its transport capacity has also been doubled to 4,000 passengers per hour, making it the highest-capacity chairlift in Germany.

SCANDINAVIA

High technology at high latitudes

LEITNER has built the first-ever detachable system north of the Arctic Circle at Sweden's Gällivare ski resort. The CD6 Dundret is the resort's principal system and LEITNER's first installation in the region. With the CD6 Romme Syd, long-standing customer Borlänge, near Stockholm, has made a significant improvement to a key transport link. Its compatriot Vemdalen has also used LEITNER ropeways for many years, with its new CD6 Hovde Express now providing racers with much better training conditions. In Finland and Norway, LEITNER ropeways installed a number of new surface lifts.

CZECH REPUBLIC

Comfort padding, seat heating, and colorful bubbles

One of the most popular ski resorts in the country, Špindlerův Mlýn in the Giant Mountains, relies on technology and design from LEITNER ropeways. Its new CD6C Pláň features DirectDrive and spoils passengers with comfort seats that include seat heating, individual footrests, and blue bubbles. DirectDrive is also the system of choice in Černá Hora, the largest Czech ski resort. With its blue bubbles, black-blue comfort padding and heated seats the CD6C Hofmanky Express is more than just pretty to look at. It is the first chairlift in the Czech Republic to carry winter sports enthusiasts at speeds of 6 meters per second.





ROMANIA

The first DirectDrive in the Carpathians

Ski resorts in Eastern Europe are increasingly turning to modern ropeway technology from LEITNER ropeways. The GD8 Sinaia gondola lift in the Furnika Peak Sinaia ski resort is Romania's first ropeway fitted with DirectDrive and has significantly boosted capacity at the resort. Located in the Prahova Valley in the Carpathian Mountains, Sinaia boasts 22 km of ski slopes at altitudes of between 880 and 2,000 meters and is one of the most popular places to ski in Romania. Building this system was particularly challenging, especially since the ropeway crosses a valley about 100 meters deep.

BULGARIA

Modern technology for the leading resort in the country

Skiing is becoming increasingly popular in Bulgaria as well. With over 70 km of ski slopes at heights of up to 2,000 meters, the southwestern resort of Bansko near the Greek border is the country's leading ski area. The infrastructure has seen considerable investment in the last few years, most recently with the Todorka 6-seater chairlift. It is LEITNER ropeways' first system of this sort in the popular ski resort. Bansko has already hosted several World Cupraces.

TURKEY

Eurasia's largest urban ropeway

The 10-passenger Yenimahalle gondola lift in Ankara underlines the importance of urban systems from LEITNER ropeways in Turkey. It connects the Sentepe and Yenimahalle areas of the city with the metro network, taking traffic off the roads and enhancing people's quality of life. The final section of Eurasia's largest urban ropeway was put into operation in 2015. In Denizli, a provincial capital in western Turkey, locals and visitors can take a new gondola lift from the city up to a mountain popular for its panoramic views. Meanwhile, the main attraction of the new residential and shopping precinct in Sinpas near Ankara is a year-round ski slope with special plastic mats and a new 2-seater chairlift.

COLUMBIA

New horizons for the people in the favelas

With the GD10 Miocable in Santiago de Cali, Colombia's third-largest city, LEITNER ropeways has installed another strategically and politically important urban ropeway in the country. Roughly two kilometers long, the new system connects Siloé, one of the poorest districts in the city, with the public transport network, reducing travel time from 45 minutes to nine. Poor infrastructure and the vertical distances between Siloé and the city center had previously posed a great obstacle. The ropeway is giving locals better access to schools and places of work, opening up new, highly promising prospects for them.





Outlook for 2016

WINTER SPORTS

Experiencing a unique level of design and comfort

Ride comfort is becoming increasingly important to winter sports enthusiasts, a trend that is set to continue in 2016 with the opening of many new ropeways. Italy's first 8-seater chairlift with the LEITNER Premium Chair will be built in Ratschings/Alto Adige, and a chairlift with the Premium Chair was selected for the Fellhorn in Germany. Two new gondola lifts are being built in Bellamonte in Val di Fiemme and Roccaraso in Abruzzo, each with DirectDrive. Since June 2015 construction has been underway on the spectacular 3S Eisgratbahn at the Stubai Glacier. Starting in October 2016, it will offer considerably more comfort with the

Pininfarina-designed "Symphony" gondola. A tricable gondola lift is also being built in Zermatt. Scheduled to open by 2018, it will be the world's highest 3S gondola lift.

BOOSTING TOURISM WITH SOME ALTERNATIVE USES

Coming face to face with bears and riding the waves

More and more tourist attractions are discovering the benefits that ropeways offer as a transport system. The Cabárceno Nature Park in Spain is a good example of how efficient transport can be combined with new attractions. Visitors can glide over the park in 8-seater gondolas while enjoying delights such as a bird's-eye view of the world's largest bear

sanctuary. In Verona, tourist attractions are combining tradition with the demands of modern infrastructure. The new inclined elevator at the historic Castel San Pietro will add to the appeal of this popular attraction. In Torreón in northern Mexico, a GD8 gondola lift is under construction in the city. In 2015, LEITNER ropeways joined forces with Wavegarden, the market leader in artificial wave generation, to develop a system to create the world's longest artificial surfing wave using DirectDrive. The first perfect waves are already rolling at the "Surf Snowdonia" water park in North Wales. The first inland surfing facility in the USA is currently being built in Austin, Texas, and is also powered by DirectDrive.

URBAN PASSENGER TRANSPORT

No traffic jams and lower emissions

Around the world, systems from LEITNER ropeways do an important job solving traffic problems in cities. One example can be found in the Ecatepec district of Mexico City, where two interlinked 10-passenger gondola lifts are being built. In Berlin, work is under way on the 1.5 kilometers of ropeway to bring visitors to the 2017 International Garden Show swiftly to their destination. A shopping complex is being built near Kuala Lumpur in Malaysia featuring the 10-passenger Awana Skyway gondola lift, which will provide a link that is both efficient and spectacular. The ropeways in Berlin and Kuala Lumpur will also be major tourist attractions.



GD10 MIO CABLE

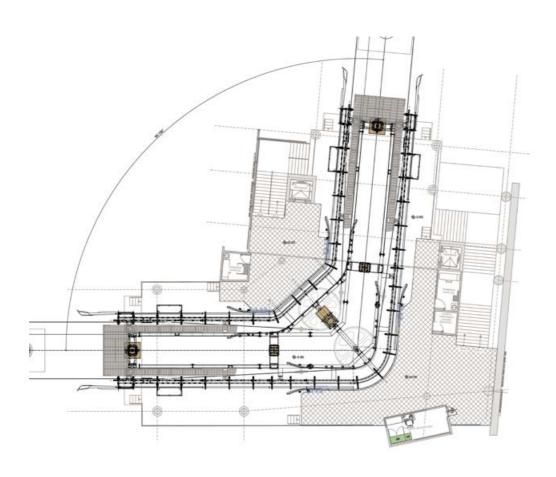
Santiago de Cali / CO

Inclined length	2037 m
Vertical rise	65 m
Transport capacity	3000 p/h

Power 525 kW
Total number of vehicles 90
Total number of towers 14

Since September 2015, the new gondola lift has connected Siloé, one of the city's poorest districts, to the public transport network, giving the 120,000 residents in the suburb of Santiago de Cali much better access to the center. The journey now only takes nine minutes instead of a good three-quarters of an hour, as it did previ-

ously. This makes it much easier for residents to reach workplaces and schools, thus significantly improving their living conditions. The poor infrastructure in the district and the city's vertical distances previously posed both a transportation and a social problem.













GD10 YENIMAHALLE III

Ankara / TR

Inclined length 1879 m
Vertical rise 72 m
Transport capacity 2400 p/h

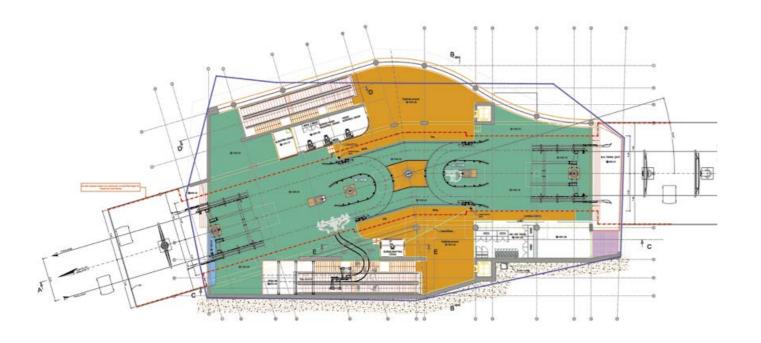
Power 700 kW

Total number of vehicles 54

Total number of towers 13

Instead of waiting in traffic jams, the residents of Ankara can now just hop onto a ropeway. Over the course of four stations, the detachable ten-passenger gondola lift Yenimahalle links the district of Şentepe with the center. This way of connecting the district to local public transport significantly eases traffic congestion. The

cabins, equipped with seat heating, multimedia information systems and external lighting, offer an impressive view from up to 60 meters above the ground. In building Eurasia's biggest urban ropeway, LEITNER ropeways is reinforcing its leading role as a manufacturer of ropeways in urban settings.



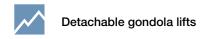








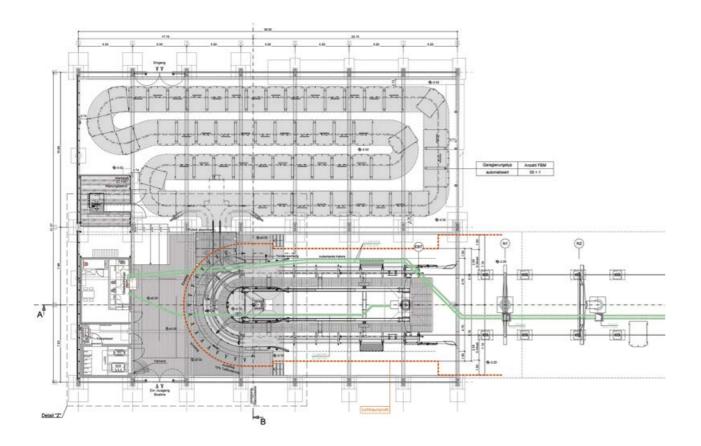




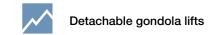
GD10 SOGN MARTIN -LA SIALA

Laax / CH

Inclined length3366 mPower860 kWVertical rise832 mTotal number of vehicles84Transport capacity2400 p/hTotal number of towers18

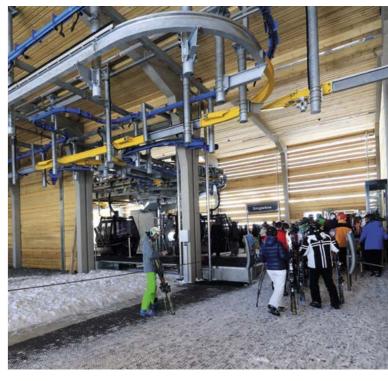




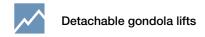












GD8 PASSO PARADISO - PASSO PRESENA

Vermiglio - Passo Tonale / IT

Inclined length 2118 m

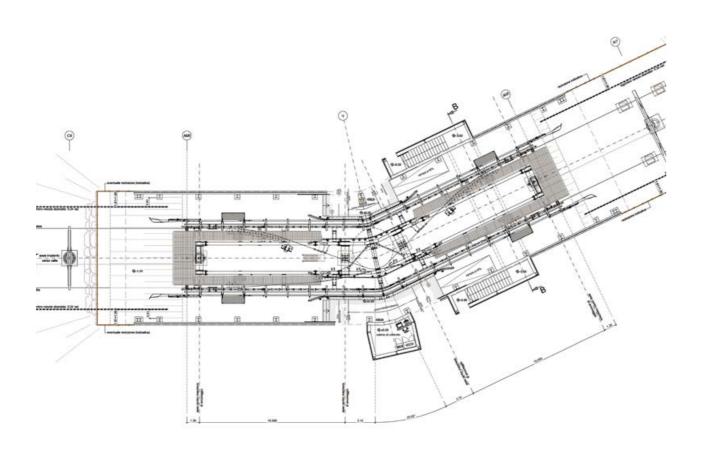
Vertical rise 404 m

Transport capacity 1875 p/h

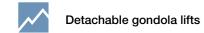
Power 445 kW
Total number of vehicles 47
Total number of towers 11

Thanks to the third system to be built by LEITNER ropeways in Ponte di Legno, skiers and hikers can now conveniently travel by gondola lift 3,000 meters up to Passo Presena.

Passengers can now use the gondola lift for ten months of the year, making the glacier region accessible to all and offering a breathtaking view over the Adamello-Presanella Alps.





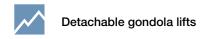








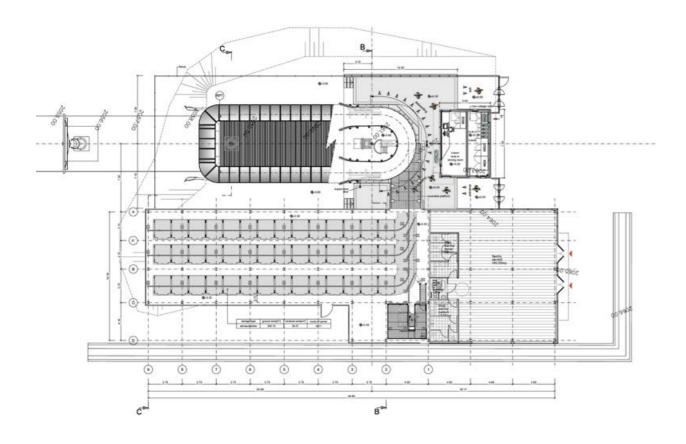




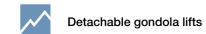
GD8 SINAIA

Furnika Peak / RO

Inclined length2068 mPower507 kWVertical rise630 mTotal number of vehicles42Transport capacity1514 p/hTotal number of towers12



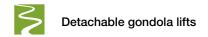








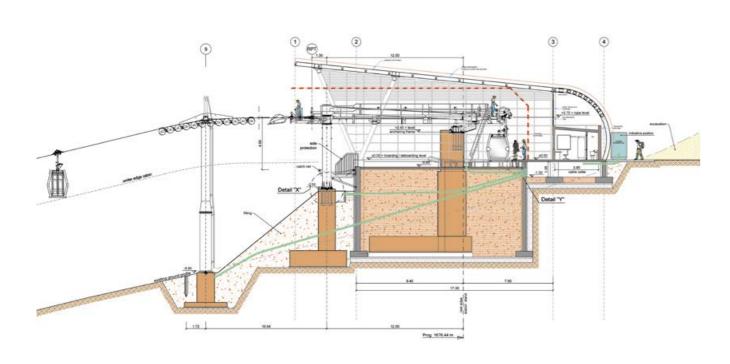




GD8 DENIZLI

Denizli / TR

Inclined length1610 mPower334 kWVertical rise625 mTotal number of vehicles24Transport capacity948 p/hTotal number of towers9









CD8C BRUNN

Kitzbühel / AT

Inclined length 1462 m

Vertical rise 432 m

Transport capacity 3300 p/h

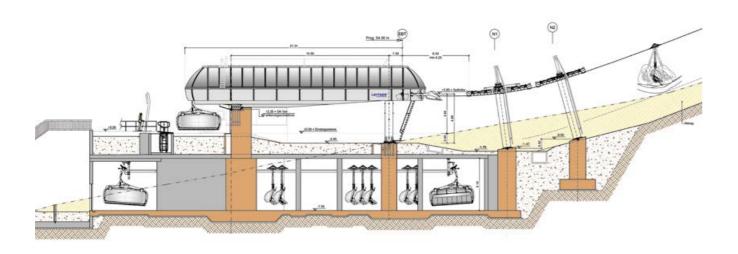
Power 775 kW

Total number of vehicles 62

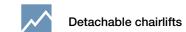
Total number of towers 17

Elegant design and expertise from the automotive industry: With its fusion of high-end design and unparalleled comfort, LEITNER ropeways has elevated chairlift seating to luxurious new heights. This high-quality Premium Chair made its debut on the new Brunn eight-seater chairlift. Design elements and expert knowledge

from the world of automotive engineering were woven into the development of the LEITNER Premium Chair. The seats feature an ergonomic design and real leather upholstery, the combination of genuine leather slip-proof seats and the lockable safety bar also ensures the very highest levels of safety for passenger transport.





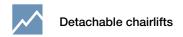








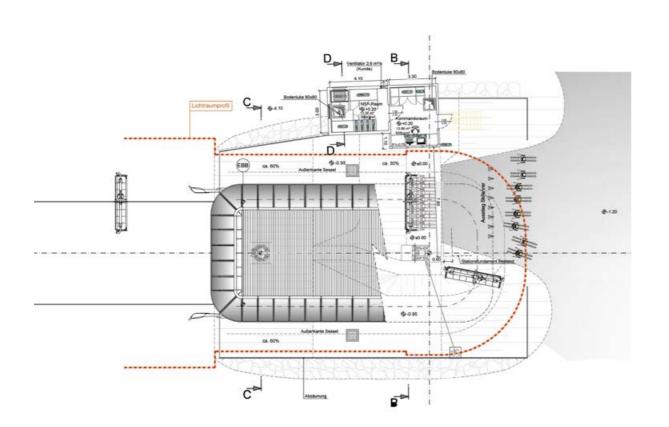




CD8 POPPENBERG

Winterberg / DE

Inclined length	472 m	Power	280 kW
Vertical rise	103 m	Total number of vehicles	37
Transport capacity	4000 p/h	Total number of towers	6









CD6C JOSCHT - HIRLI

Zermatt / CH

Inclined length 2124 m

Vertical rise 699 m

Transport capacity 2000 p/h

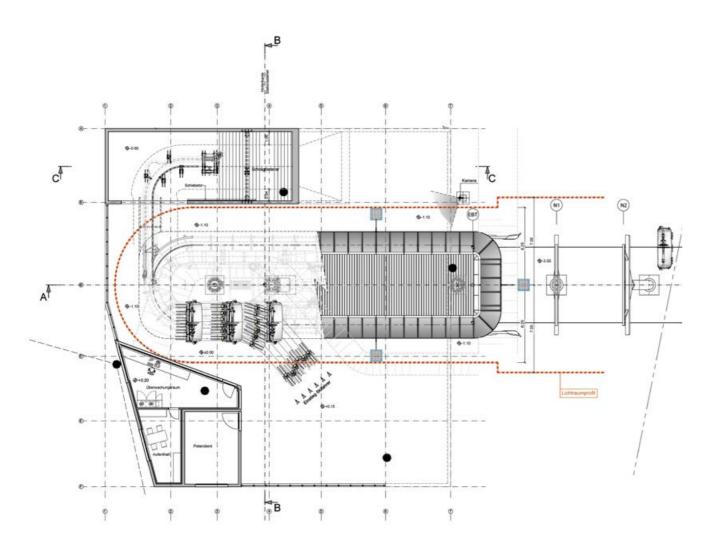
Power 611 kW

Total number of vehicles 72

Total number of towers 17

With a top speed of six meters per second, this innovative LEITNER ropeway is one of the fastest chairlifts in Switzerland. Its comfortable powder-coated seats, which are protected by blue bubbles, make the ride a pleasant experience. Locking footrests and the kidstop

system ensure that children can travel safely on the ropeway. Ski racer Lara Gut from Ticino is patron of the new chairlift and has her own seat. A specially designed seat on the chairlift is dedicated to the elite athlete and has upholstery printed with her photo.

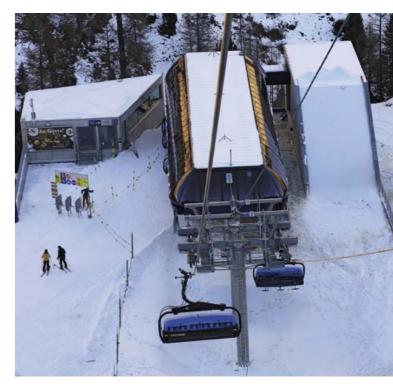














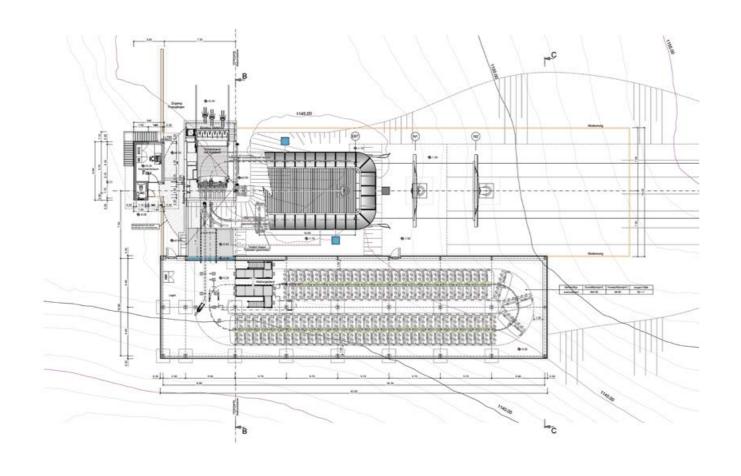




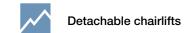
CD6C SCHERNTHANNBAHN

Hopfgarten im Brixental / AT

Inclined length1273 mPower427 kWVertical rise387 mTotal number of vehicles61Transport capacity2365 p/hTotal number of towers11



















CD6C ZEIGERBAHN

St. Blasien / DE

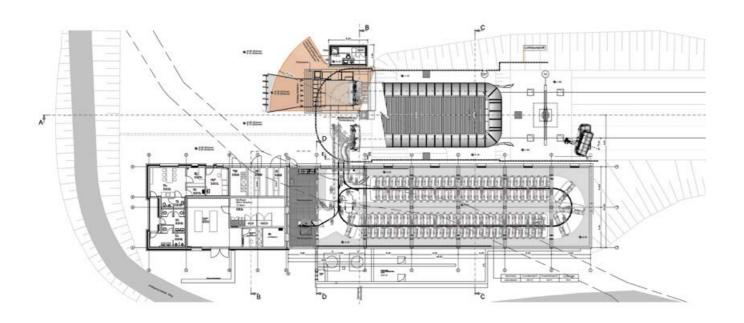
Inclined length 1188 m
Vertical rise 203 m
Transport capacity 2400 p/h

Power 296 kW

Total number of vehicles 59

Total number of towers 9

On the slopes of the Feldberg in the High Black Forest, the Zeiger lift plays an important role in St. Blasien, connecting the center at the top of the pass to facilities around the mountain and transporting visitors to the popular Zeiger slope. The new ropeway provides technical innovation as well as numerous benefits for passengers. Thanks to its unique DirectDrive system and automatic elevating platform, the six-seater chairlift offers exceptional comfort and safety for skiing enthusiasts both young and old. The subtle color scheme with blue hoods and comfortable, two-tone padding also visually enhances the ski resort.

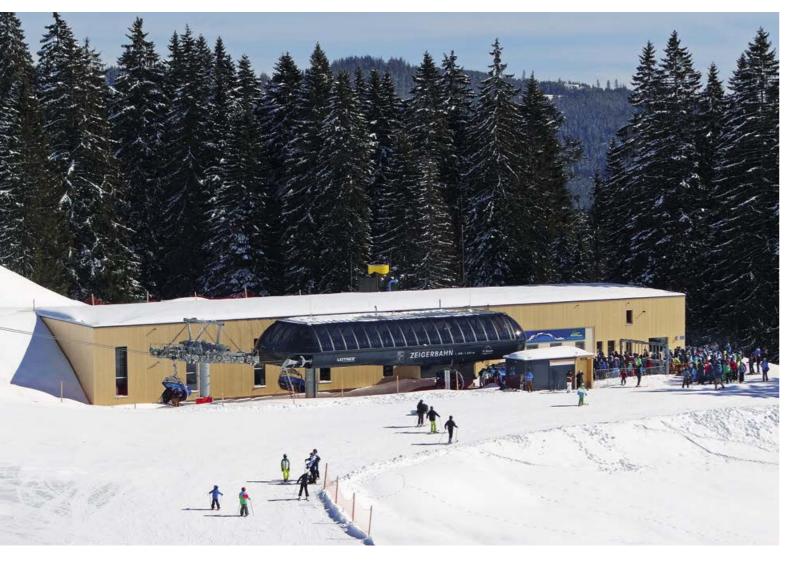
















CD6 PIZ SELLA II

Selva Val Gardena - Plan de Gralba / IT

Inclined length 325 m

Vertical rise 86 m

Transport capacity 2800 p/h

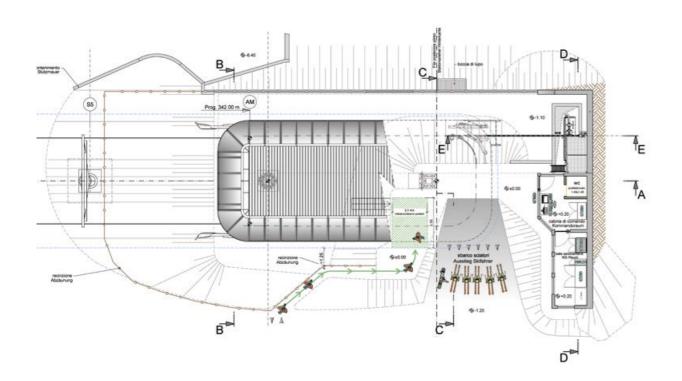
Power 170 kW

Total number of vehicles 26

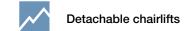
Total number of towers 5

On the Sassolungo above the Sella Pass in the Dolomite mountains, the six-seater Piz Sella II chairlift - only 325 meters long - is replacing a 30-year-old two-seater lift, offering a signifi-

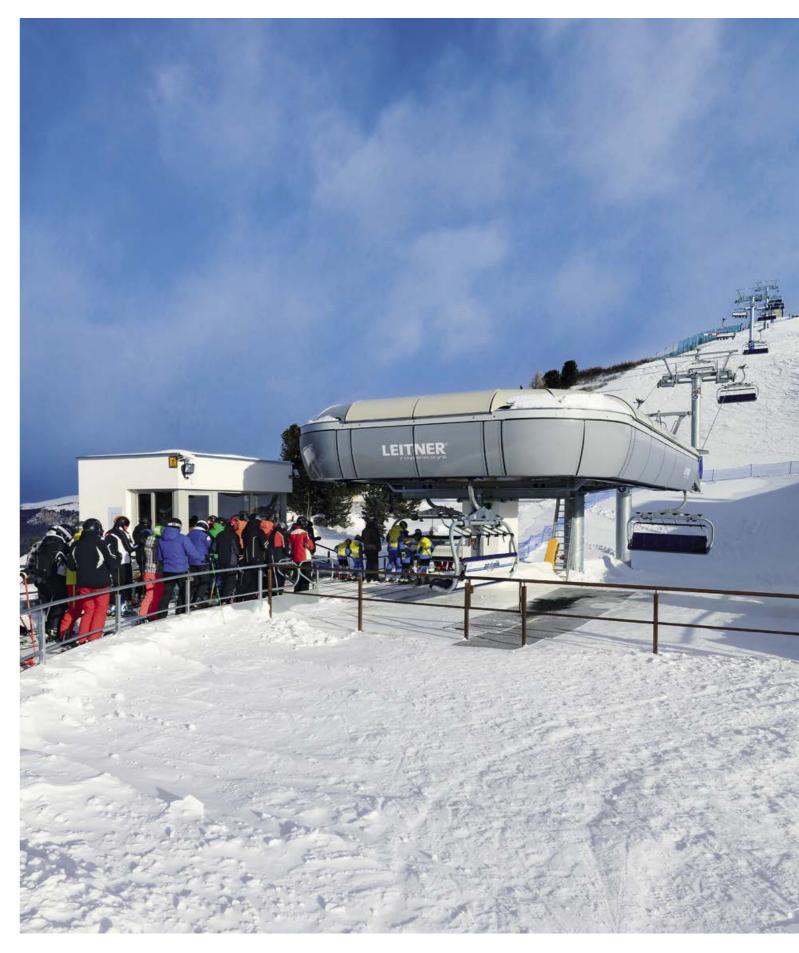
cantly more comfortable ride. With an inclined length of 325 meters, this facility is Italy's shortest detachable chairlift.













CD6 LA FRAINA

La Villa - Pedraces / IT

Inclined length 761 m

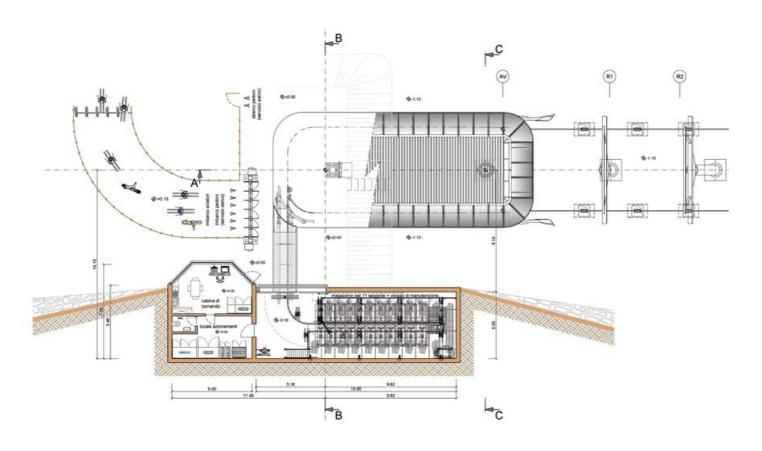
Vertical rise 210 m

Transport capacity 2400 p/h

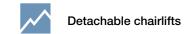
Power 285 kW
Total number of vehicles 38
Total number of towers 8

The automatically detachable six-seater La Fraina chairlift in Alta Badia provides improved links between La Villa and San Cassiano. With a transport capacity of 2,400 people per hour, the scope of transport services in this part of the resort will increase, helping to reduce waiting times even further. This new ropeway

offers state-of-the-art technology thanks to the DirectDrive system from LEITNER ropeways. The Alta Badia ski resort, which has long been one of the top resorts in the Alps, has a long-standing partnership with LEITNER ropeways spanning almost 70 years.









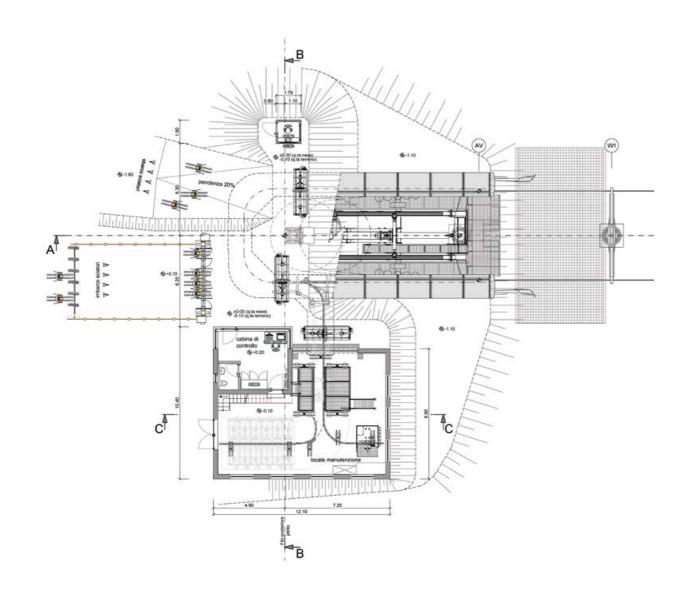




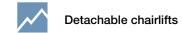
CD6 ARABBA FLY

Arabba - Livinallongo del Col di Lana / IT

Inclined length424 mPower135 kWVertical rise31 mTotal number of vehicles26Transport capacity2650 p/hTotal number of towers5









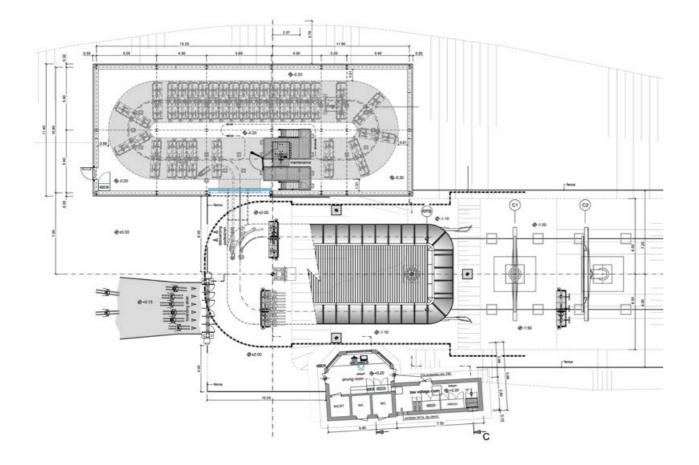




CD6 HOVDE-EXPRESS

Vemdalen / SE

Inclined length585 mPower300 kWVertical rise218 mTotal number of vehicles28Transport capacity2200 p/hTotal number of towers9











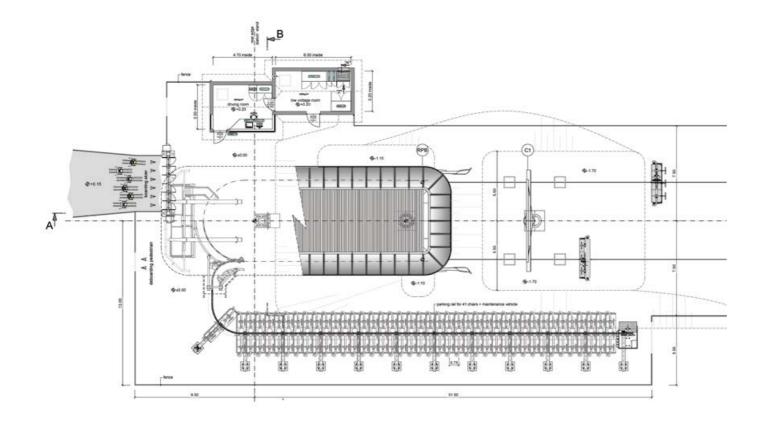




CD6 ROMME SYD

Borlänge / SE

Inclined length673 mPower290 kWVertical rise184 mTotal number of vehicles47Transport capacity3200 p/hTotal number of towers8











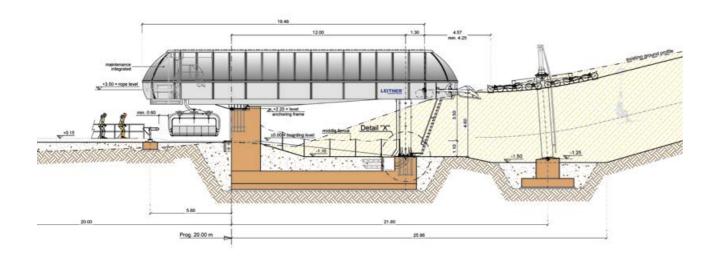




CD6 DUNDRET

Gällivare / SE

Inclined length1113 mPower380 kWVertical rise333 mTotal number of vehicles55Transport capacity2400 p/hTotal number of towers12











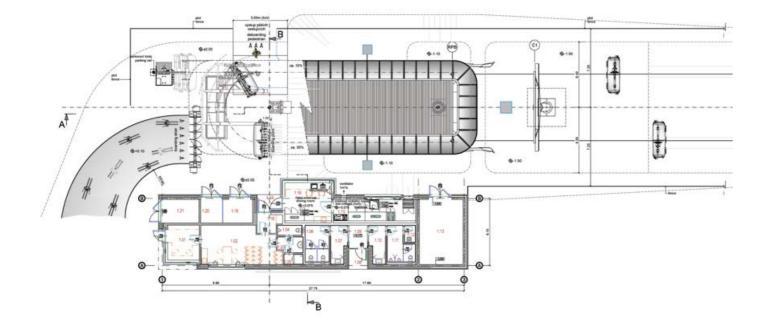




CD6C HOFMANKY EXPRESS

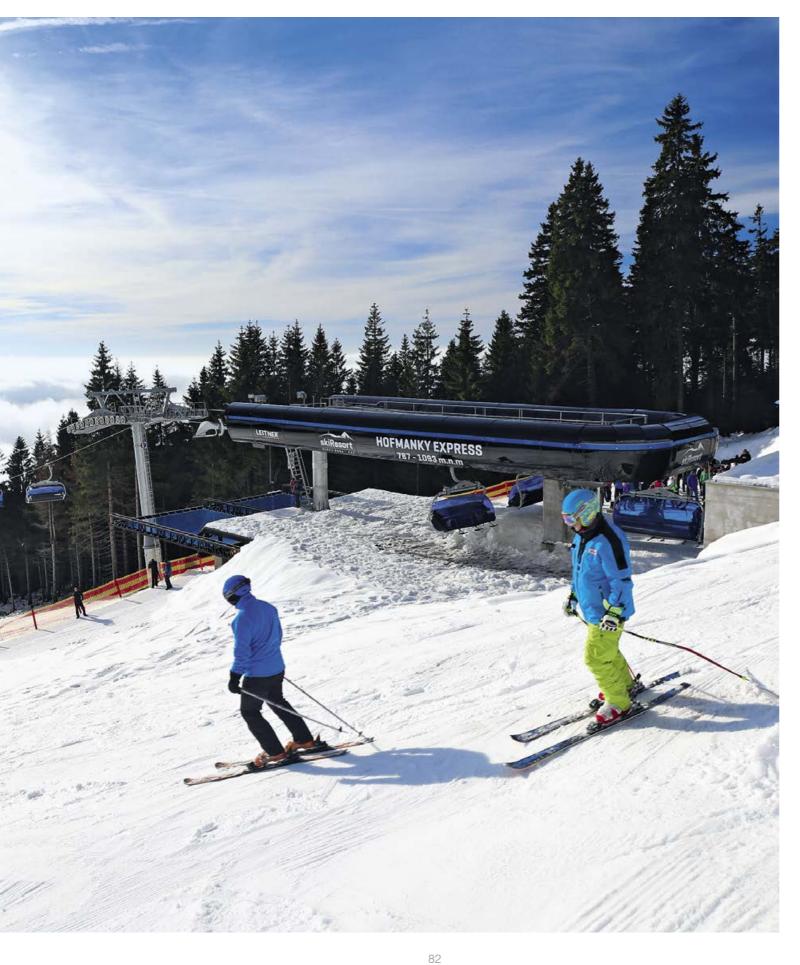
Janské Lázně / CZ

Inclined length1146 mPower390 kWVertical rise306 mTotal number of vehicles52Transport capacity2600 p/hTotal number of towers9

















CD6C PLÁŇ

Špindlerův Mlýn / CZ

Inclined length 1576 m

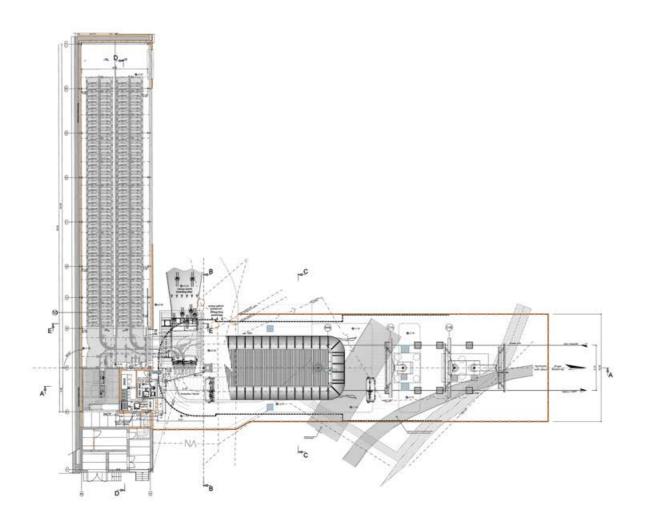
Vertical rise 441 m

Transport capacity 3000 p/h

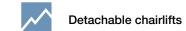
Power 667 kW
Total number of vehicles 78
Total number of towers 14

Špindlerův Mlýn is one of the Czech Republic's largest and most prominent ski resorts. This popular region in the Giant Mountains is home to 15 ropeways with a total of almost 25 kilometers of ski slopes and also offers FIS-homologated racecourses. Using state-of-the-art technology, LEITNER ropeways has brought increased comfort and shorter waiting times

to Špindlerův Mlýn. The CD6C Plàň ropeway will replace an old four-seater chairlift and offer the full range of features for enhanced comfort with blue hoods, and black and blue padding with heated seats and individual foot rests. The unique DirectDrive system will also be used in Špindlerův Mlýn, along with automatic garaging.











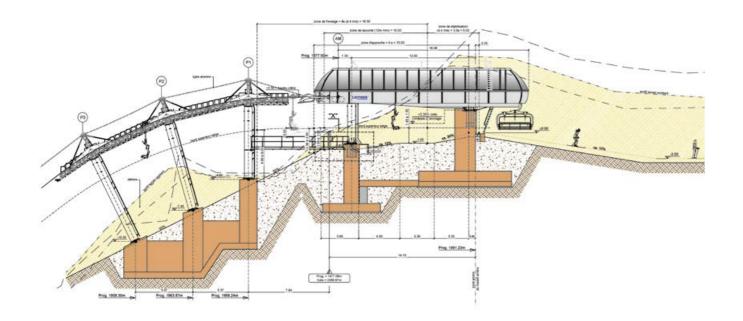




CD6 DU CARRELEY

Les Arcs / FR

Inclined length1972 mPower779 kWVertical rise594 mTotal number of vehicles97Transport capacity3000 p/hTotal number of towers18





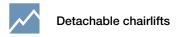








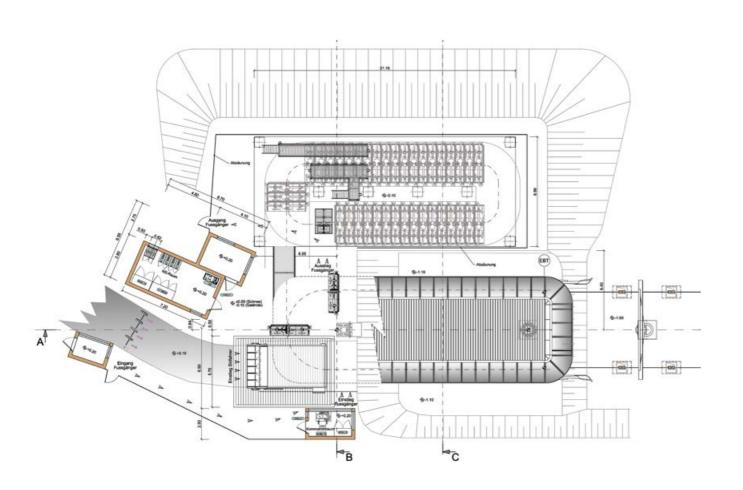




CD6 TODORKA

Bansko / BG

Inclined length2298 mPower647 kWVertical rise702 mTotal number of vehicles75Transport capacity2000 p/hTotal number of towers15





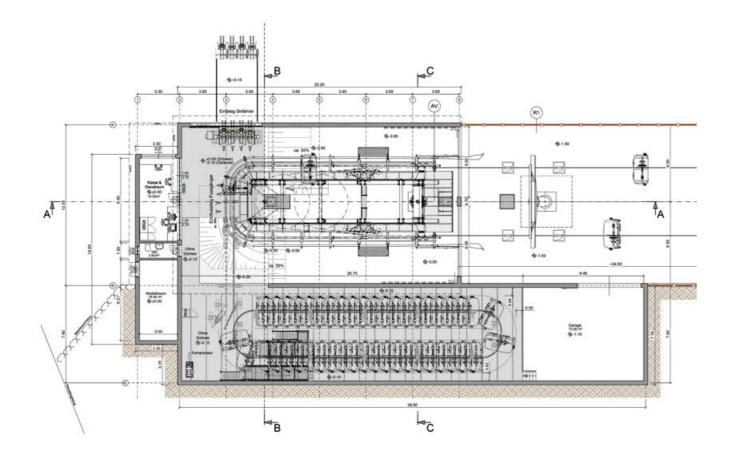




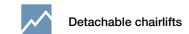
CD4C JAUFEN LIFT

Ratschings - Jaufen / IT

Inclined length	904 m	Power	300 kW
Vertical rise	191 m	Total number of vehicles	67
Transport capacity	2400 p/h	Total number of towers	8















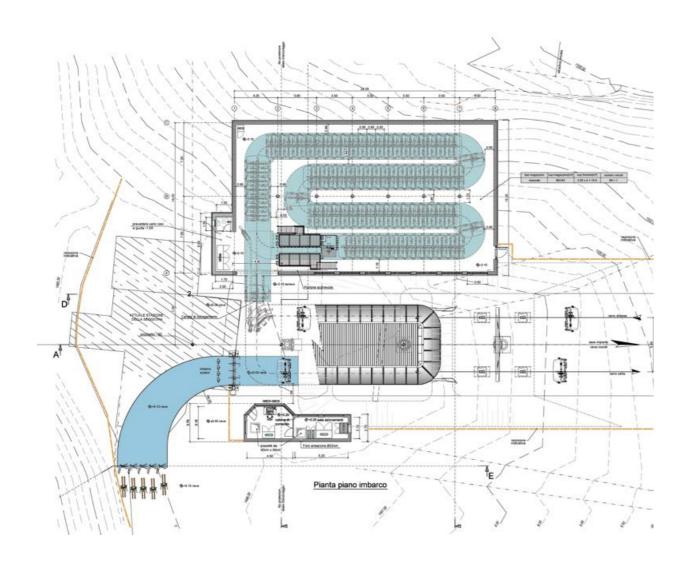


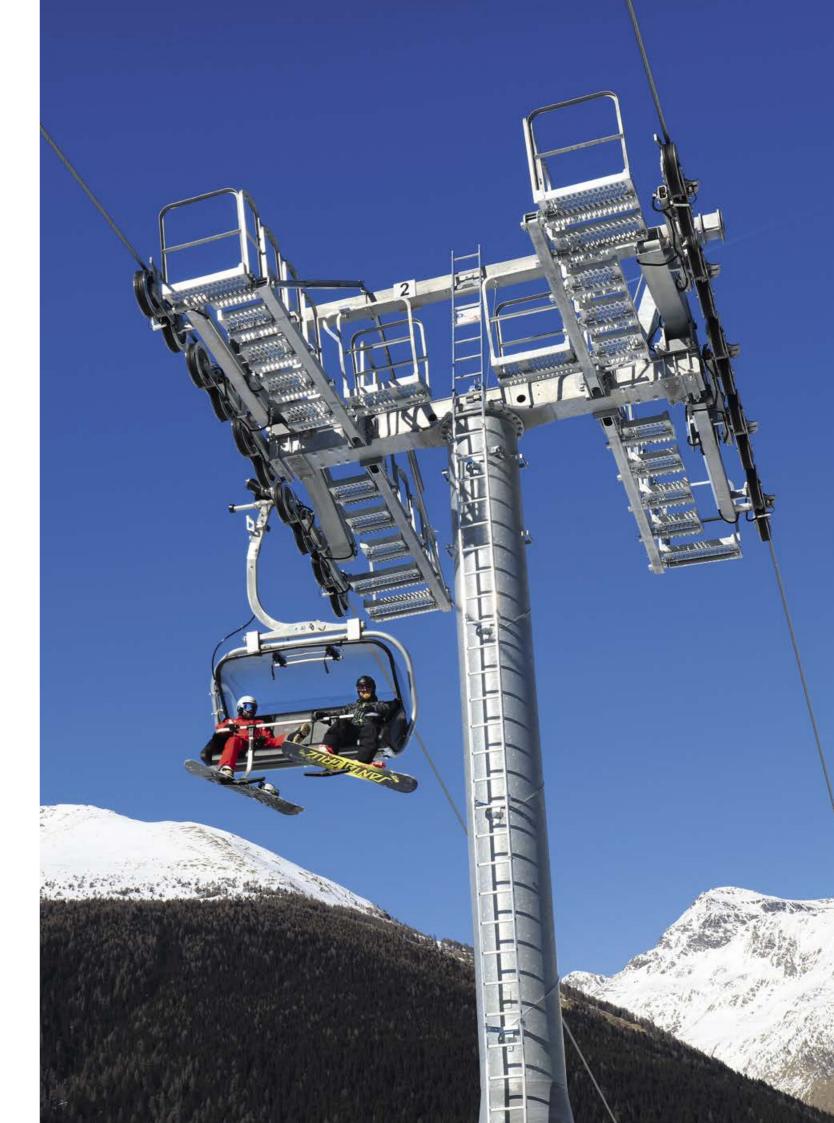


CD4C VALBIONE - DOSS DELLE PERTICHE

Ponte di Legno / IT

Inclined length	1084 m	Power	380 kW
Vertical rise	369 m	Total number of vehicles	80
Transport capacity	2400 p/h	Total number of towers	10











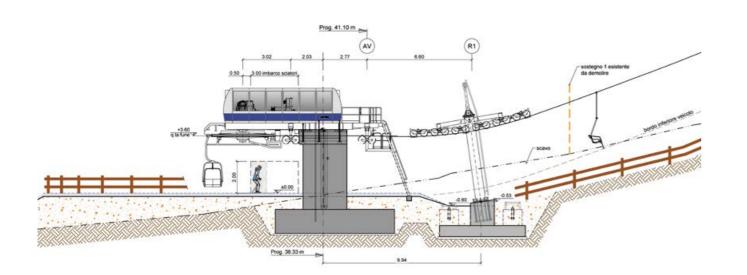




CF2 CAPO D'ACQUA - COLLE DEL MONACO

Campitello Matese / IT

Inclined length724 mPower115 kWVertical rise270 mTotal number of vehicles99Transport capacity1200 p/hTotal number of towers7



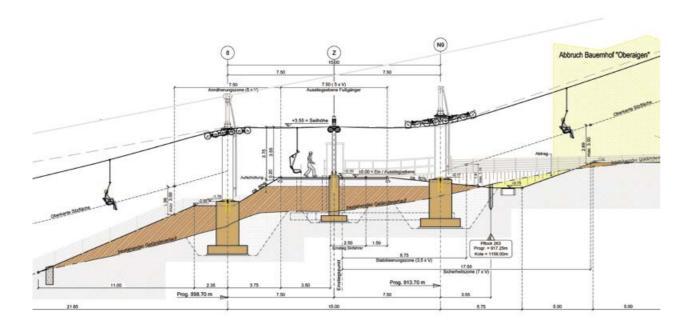




CF2 BICHLALM

Kitzbühel / AT

Inclined length2255 mPower108 kWVertical rise693 mTotal number of vehicles101Transport capacity400 p/hTotal number of towers18











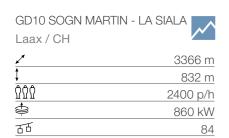


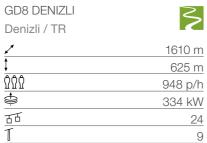




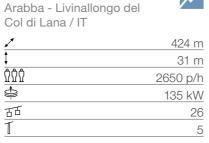
Successes 2015

18

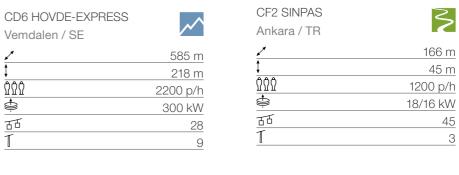














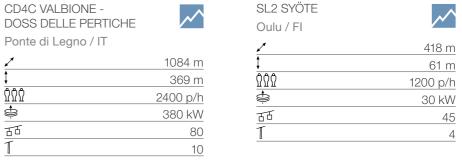
CD8C BRUNN Kitzbühel / AT	/
1	1462 m
‡	432 m
ΫΫΫ	3300 p/h
\$	775 kW
砧	62
<u> </u>	17

Hopfgarten im I	Brixental / AT
1	1273 m
‡	387 m
ΩΩΩ	2365 p/h
•	427 kW
超	61
T	11

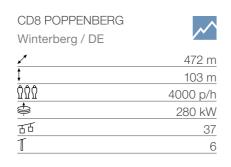
CD6C SCHERNTHANNBAHN

St. Blasien / DE	
4	1188 m
	203 m
ΙΩΩ	2400 p/h
\bar{\bar{\bar{\bar{\bar{\bar{\bar{	296 kW
5 6	59
	9

CD6C ZEIGERBAHN







CD6 TODORKA	^
Bansko / BG	
1	2298 m
‡	702 m
ΩΩΩ	2000 p/h
<u></u>	647 kW
西	75
<u>T</u>	15

CD6 CARRELEY Les Arcs / FR	^	CD4C JAUFEN LIFT Ratschings - Jaufen / IT	^^
1	1972 m	1	904 m
‡	594 m	‡	191 m
ΩΩΩ	3000 p/h	ΩΩΩ	2400 p/h
话	779 kW	\$	300 kW
砧	97	百	67
T	18	T	8

ΩΩΩ

잽

砳

SL1 BADNATREKKET 2 Myrkdalen / NO	^
1	317 m
<u>‡</u>	46 m
ΩΩΩ	755 p/h
<u></u>	17 kW
百百	55
<u>T</u>	4

GD8 PASSO PARADISO -
PASSO PRESENA



_	
1	2118 m
‡	404 m
ΩΩΩ	1875 p/h
•	445 kW
西	47
<u>T</u>	11

CD6 PIZ SELLA II	. ^
Selva Val Gardena - Plan de Gralba / IT	/
1	325 m
‡	86 m
ΩΩΩ	2800 p/h
\$	170 kW
西	26
T	5

CD6C JOSCHT - HIRLI	. ^
Zermatt / CH	/
1	2124 m
‡	699 m
ΫΫΫ	2000 p/h
\$	611 kW
皕	72
<u>T</u>	17

CD6 DUNDRET	~^	CF2 CAPO D'ACQUA -	~^
Gällivare / SE		COLLE DEL MONACO	
1	1113 m	Campitello Matese / IT	
‡	333 m	/	724 m
ΩΩΩ	2400 p/h	‡	270 m
\$	380 kW	ΩΩΩ	1200 p/h
\$ 15	55		115 kW
T	12	话	99
		<u>1</u>	7

A A A	1200 0/11		
\$	115 kW		
话	99		
1	7	<u> </u>	Inclined length
-	<u> </u>	<u>‡</u>	Vertical rise
		ΩΩΩ	Transport capacity
OFO DIOLII ALM		<u></u>	Power
CF2 BICHLALM		砧	Total number of vehicles
Kitzbühel / AT		T	Total number of towers

GD8 SINAIA Furnika Peak / RO	^
1	2068 m
<u>‡</u>	630 m
ΩΩΩ	1514 p/h
<u></u>	507 kW
百百	42
<u>T</u>	12

CD6 LA FRAINA La Villa - Pedraces / IT	^
1	761 m
<u></u>	210 m
ΩΩΩ	2400 p/h
	285 kW
<u></u> 百	38
<u>T</u>	8

CD6C PLÁŇ	./
Špindlerův Mlýn / CZ	/
1	1576 r
‡	441 r
ΫΫΫ	3000 p/
•	667 kV
<u></u>	7
<u>T</u>	1-

CD6 ROMME SYD Borlänge / SE	^^
1	673 m
‡	184 m
ΩΩΩ	3200 p/h
•	290 kW
皕	47
<u>T</u>	8

KILZDUITEL / AT	
1	2255 m
<u> </u>	693 m
ΩΩΩ	400 p/h
•	108 kW
西	101
<u> </u>	18

<u>^</u>	Winter Sports
W	Urban
3	Tourism
	Material

LEITNER ropeways



Sterzing (Italy)



Sterzing (Italy)



Telfs (Austria)



Grand Junction (USA)



Starà L'ubovña (Slovakia)





