

The Next Level of Material Transport

Cost-efficient and sustainable:
Conquering challenging terrain
using ropeway technology.

Contents

Our mission	3
Your reliable partner for customized material transport	4
Transport solutions from one source	6
High-capacity, low maintenance, small footprint	8
Solutions for underground applications	12
Perfect link across industrial areas	14
Benefits at a glance	16
Saving time and resources	18



Our mission

Our cost-efficient and sustainable transport solutions are designed to deliver added value to our customers with our expertise in material transport technologies. Utilizing environmentally friendly systems, ensuring safe operation and contributing towards your zero emission target are important elements of the principles governing our work.

Your reliable partner for custom-tailored material transport

The Doppelmayr Group

more than
15,000
installations

in more than
96
countries

subsidiaries in more than
50
countries

more than
3,300
employees worldwide

founded in
1893

More than a century of expertise in ropeway technology

Founded in 1893, the history of the Doppelmayr Group is characterized by pioneering spirit, courage and experience. It is characterized by personalities who joined forces to make the impossible possible. The Doppelmayr story tells of innovations and world records, of generational projects and partnerships, of development and foresight.

A close-knit network of service points worldwide

Our integrated service portfolio covers everything from engineering to after sales. We provide reliable support in all countries where Doppelmayr systems are in operation.



Get in touch



"Our material transport systems are developed for a diverse range of applications. With focused thinking and expert implementation of innovative technical ideas, we open up new pathways in material transport."

Hermann Frühstück
CEO of Doppelmayr
Transport Technology GmbH

Transport solutions from one source

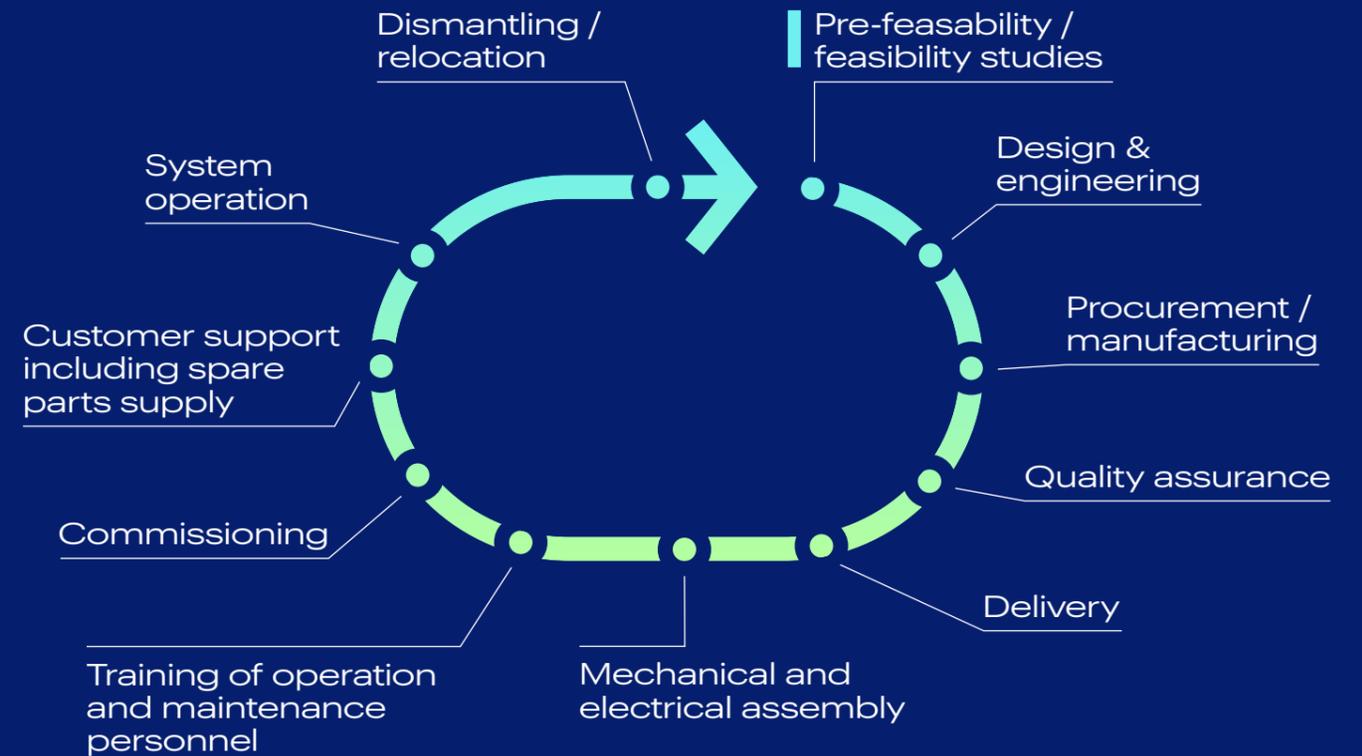
Doppelmayr provides you with a wide range of complete solutions, all from a single source.

Your reliable partner throughout the entire product lifetime

We will stay with you from planning through manufacturing, assembly and putting the installation into service – and beyond. Our team of experts is able to offer you complete solutions from one source and will work with you from the very beginning to respond to your needs.

Make use of our expertise

Decision-making requires a sound basis. We will carry out detailed planning studies to provide you with the information you need to estimate and compare investment costs and to set up schedules for implementing your project using our systems. Our know-how helps you to gain more planning certainty for your project.



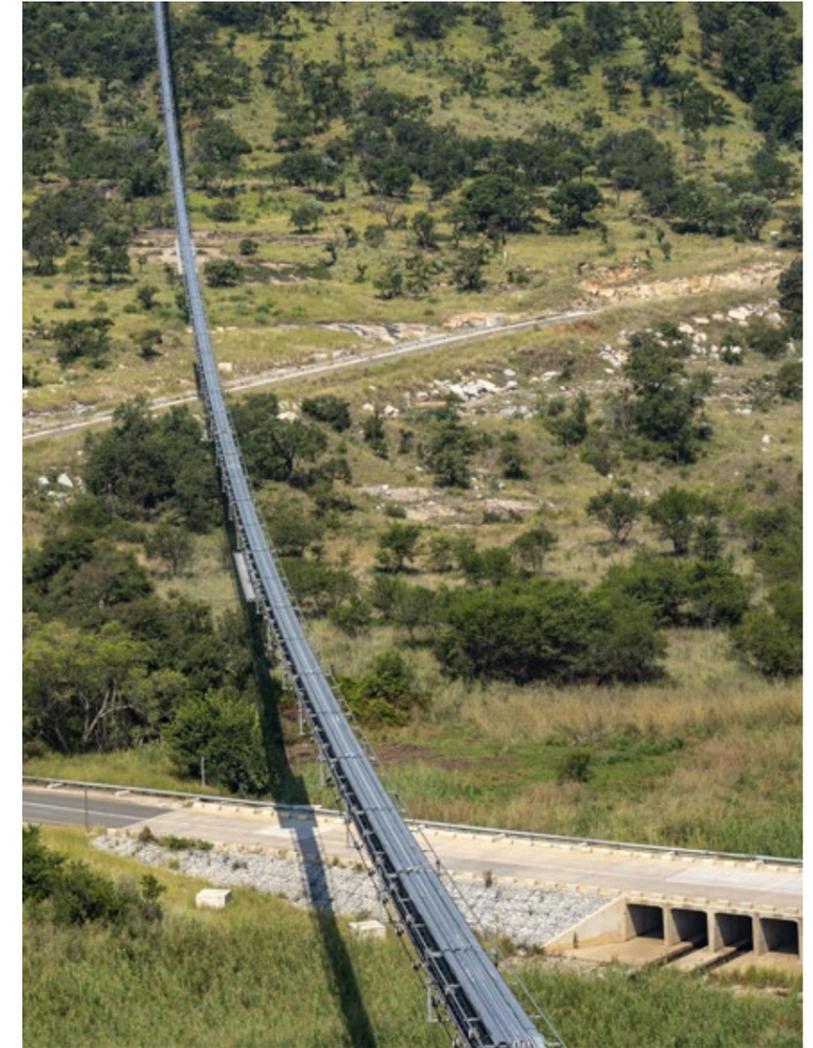
High capacity, low maintenance, small footprint

Whether above or below ground, across ravines, rivers, forests, roads or other infrastructure, overcoming obstacles and challenges is the business we know inside out.



RopeCon®

The RopeCon® enables easy inspections in the stations as maintenance tasks can be carried out in a safe workshop environment.



Low emissions

The RopeCon® system is operated with an electric drive unit. That means there are no local CO₂ emissions. It also operates virtually noiseless, which reduces the effects on residents and the environment.

Low operating costs

The design achieves a low friction coefficient, hence energy consumption and operating costs are also low and have a favourable effect on your

total cost of ownership. When transporting material downhill, RopeCon® can even generate energy through braking which can be fed back into the grid, thus reducing your overall operating costs even further.

Perfectly adapted to the natural terrain

Just like a ropeway, this suspended conveyor makes use of the topography. It can handle steep inclines easily. By allowing large spans between two towers, it reduces the structural footprint on the ground.



Watch the video

Material ropeways

No matter whether you want to transport bulk materials or unit loads, have planned different loading and discharge points, or need to carry passengers and freight – we choose the right solution from a broad spectrum of different ropeway systems on the basis of your requirements.

Suitable for harsh weather conditions

Looking back on a long track record in mountainous regions, these systems are perfectly suited for all weather conditions.

Combined transport

You can transport goods with a ropeway system and, at the same time, bring your personnel safely to their place of work.

Customized carriers

Ropeways also allow for special carriers to transport goods of all kinds. Buckets for bulk material can be carried with this technology, but also heavy single loads, such as construction machinery, can be brought to their destination.

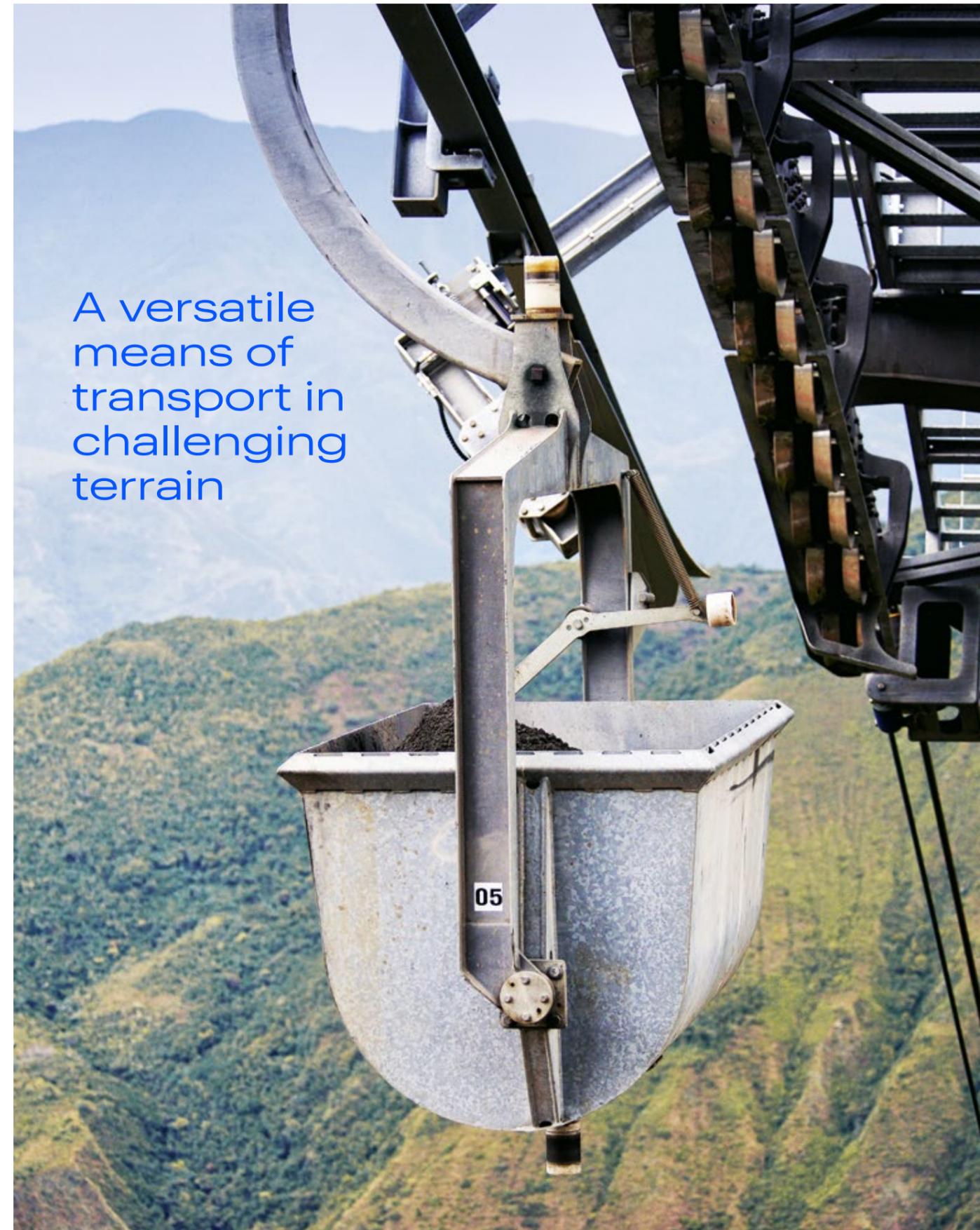


Aerial tramways can carry unit loads of up to 40 tons. Funiculars can transport up to 250 tons.



Funiculars

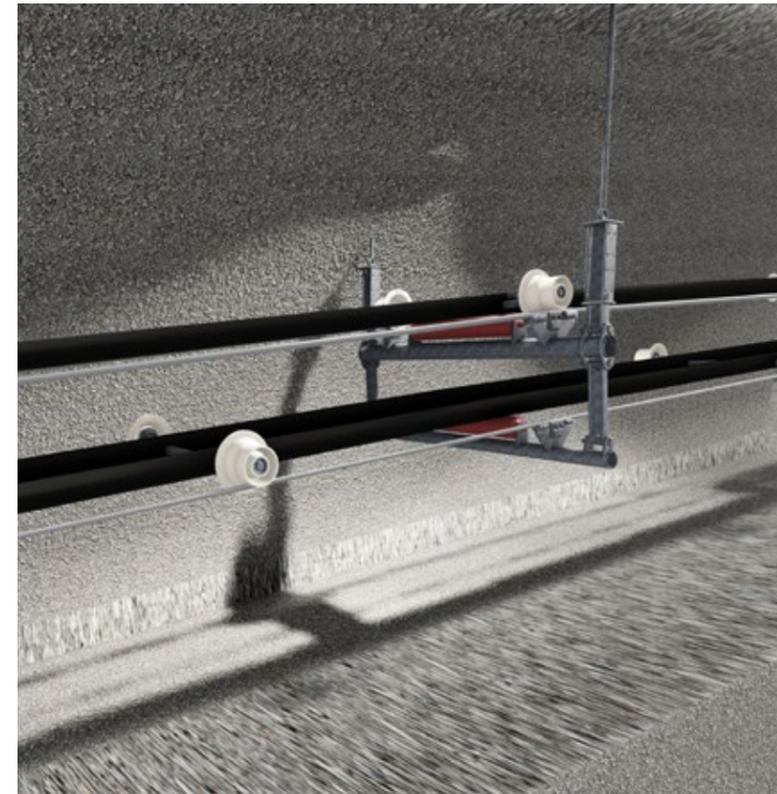
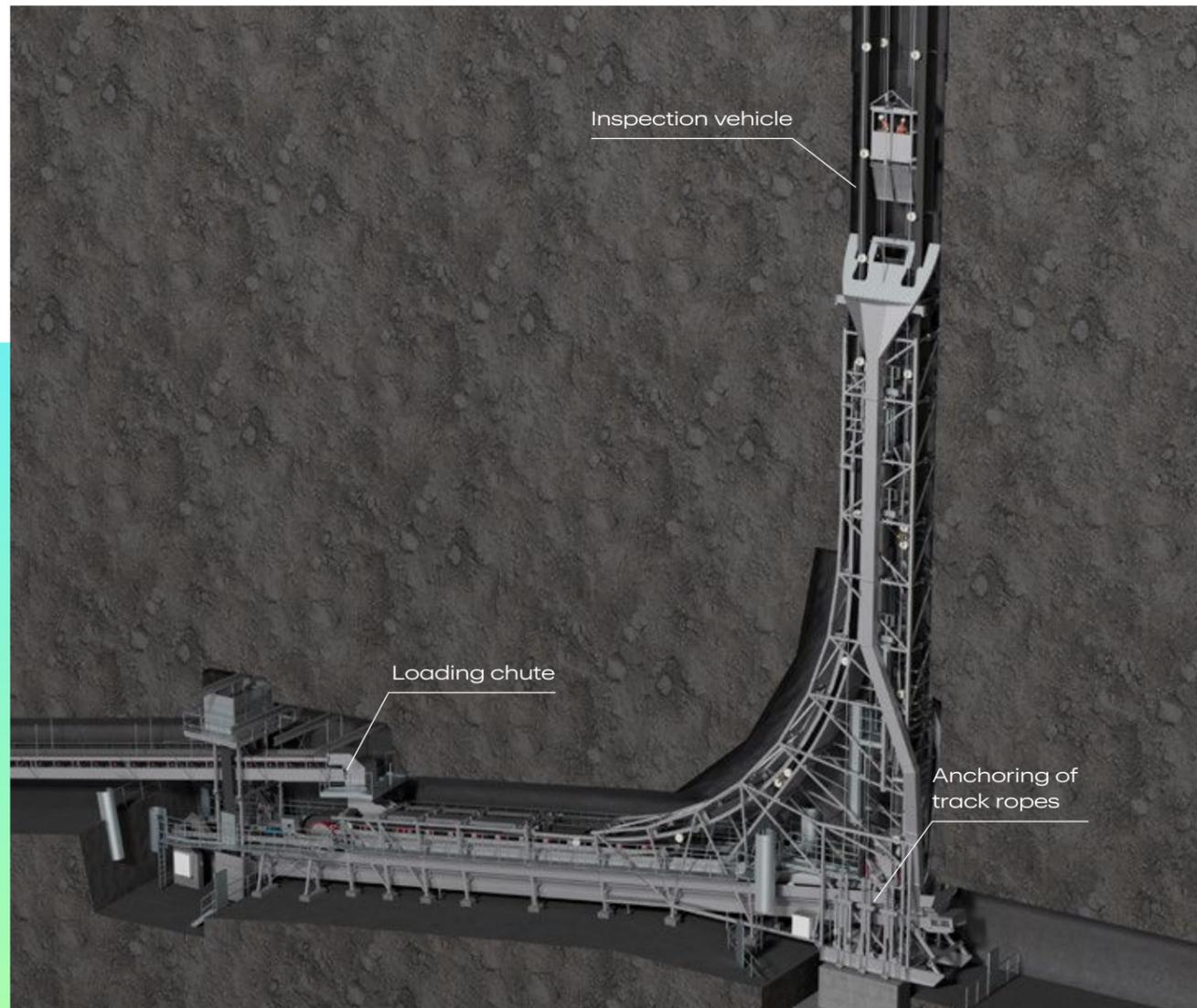
These heavy-duty transport systems are capable of moving exceptionally heavy loads up steep slopes through tunnels or in the open. They further allow for passenger transport.



A versatile means of transport in challenging terrain

Solutions for underground applications

Underground mining makes high demands on material transport such as limited space, the necessity to avoid exhaust emissions and heat development, just to name a few.



Tunnel RopeCon®

For underground applications

The proven RopeCon® can also be applied underground. Suspended from the tunnel ceiling, it saves space where this resource is limited. If required, the system can also be installed on the ground.

Reliable

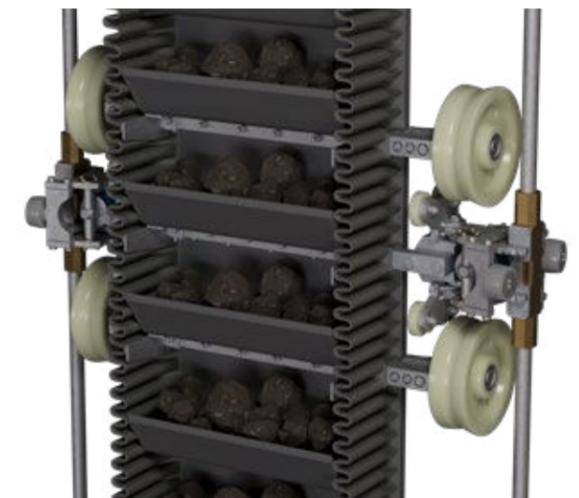
In remote areas you need proven technology that simply does the job. The components used in our underground systems have been in use for many years in material transport applications.

Safe and clean

As a company that also manufactures passenger transport systems, always keeping an eye on safety is essential for us. We live up to this credo also when designing and constructing our material transport solutions. Cleanliness is another aspect we take seriously, seeking to avoid spillage at all times.

Vertical RopeCon®

The Doppelmayr Vertical RopeCon® gives you the chance to reduce the number of other means of transport needed along with the associated exhaust emissions. The concept adapts the proven RopeCon® system to the specific requirements of an underground application. In the loading station, the wheel sets run on guiding rails, which safely guide the belt into the shaft. Ropes in the shaft guide the belt at all times in order to achieve fully controlled operation.



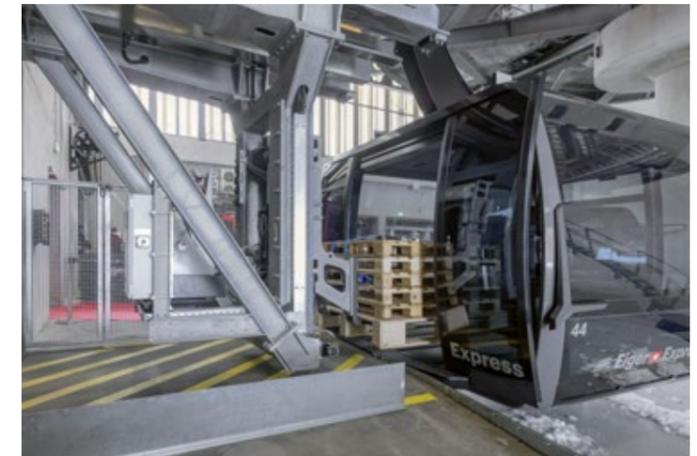


The RopeCon® systems at Lenzing easily navigate buildings, roads and a river.



Integration into production line
By integrating the system into the overall logistics, intermediate interfaces are eliminated and the goods can be tracked at all times.

Reliable transport
An additional transport level reduces the space requirements on ground. Furthermore, it eases the overall traffic situation as it does away with the need for other means of transport. At the same time, the capacity remains constant as the materials are always delivered on time due to the trip time not being influenced by road traffic.

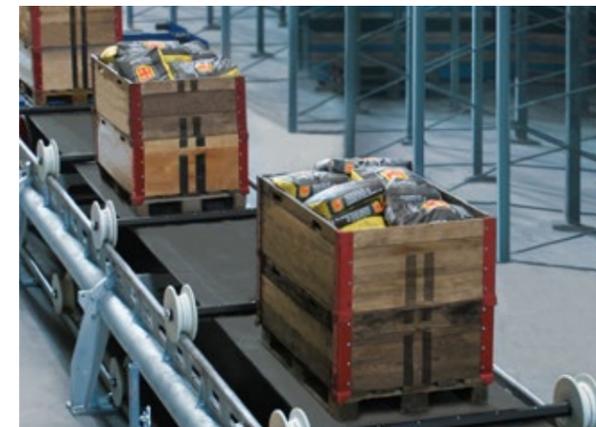


Perfect link across industrial areas

Just like in mountain terrain, our systems are also suitable to establish connections across existing infrastructure.



Watch the video



RailCon®

Heavy-duty continuous transport

Materials can be transported quietly, safely and reliably with RailCon® – whether on the ground, suspended to save space, or concealed underground at a port site.

Benefits at a glance

Doppelmayr material transport solutions improve your performance by meeting your requirements in many ways.



Low operating costs



Eco-friendly



Small footprint



High availability



Proven technology



Easy maintenance in the station



Suitable for harsh weather conditions



Low noise emissions



Smooth crossing of obstacles



All from one source



"With our second RopeCon®, we now have another conveyor system to optimize material transport on our premises and to ensure smooth operations."

Rainer Strohmaier
Project Manager
Lenzing AG, AUT



Making the documentation of inspection tasks easy
Simplifying the daily routine by documenting inspection tasks directly when and where they are performed. This saves time, while, at the same time, ensuring sound records of the system's condition.

Remote access to support your maintenance team
If requested, our specialists can provide assistance through a remote access point.

Efficient organization of maintenance tasks
Plan and assign maintenance tasks to each team member and have them receive automatic reminders for upcoming tasks.



Saving time and resources

Improve your daily workflow with perfectly integrated digital systems.

Your benefits from using Smart Maintenance
How about anticipating what is about to happen and making smart decisions to solve problems in a timely manner?

Our state-of-the-art machine data recording creates a sound basis for predictive analyses. Knowing more about your operational processes helps you forecast likely issues and take early actions. This data-driven insight reduces downtime and enables you to optimize maintenance tasks.

Apart from increased cost efficiency, this ensures reliable, risk-minimized operations.

One central tool to manage the entire infrastructure
Doppelmayr also offers software solutions to manage the entire infrastructure in one central digital tool – this helps to optimize operation and makes maintenance so much easier.



Bardon Hill, Coalville,
Leicestershire, UK

"Bardon Hill Quarry is a strategically important site. Our goal was to make the restoration as environmentally friendly as possible and that's precisely what we've achieved with the solution from Doppelmayr."



Shane Tompkin
Works Manager,
Bardon Hill Quarry,
Aggregate Industries UK Limited

Find out more about the capabilities of our systems





Doppelmayr Transport Technology GmbH
doppelmayr-mts.com