



ROPES

ENGINEERING & ARCHITECTURE

Our experience
is your safety





Ropeway engineering

Expertise on manufacturer level

With over 50 ropeways designed and built for a well-known ropeway manufacturer at locations around the world, Ropes can draw on a wide range of experiences. Using a certified calculation program, we are one of only a few planning offices that can calculate rope lines according to EN 12930 and offer you extensive engineering services for the construction of new and second-hand ropeways as well as for modifications, material ropeways and special solutions. In cooperation with diverse civil engineers, we prepare licensable planning documents for you.



Our engineering expertise

Reliable realization from A to Z

Conception

- On-site inspection or Google Earth analysis
- Feasibility study/consulting
- System selection
- Cost estimation

Planning

- On-site inspection
- Rope line calculation according to EN 12930
- Licensing/construction permit
- Calling for tenders

Project planning

- Project realization of ropeway technology/construction
- Ropeway technology calculations
- Interface calculations for structures
- Project management

Realization

- Project management construction and assembling
- Commissioning
- Monitoring of the official approval

Ropeway inspections

Safety through experience

In cooperation with the officially certified test and inspection body of WPK GmbH in Kaprun, we carry out the following ropeway and component inspections:

- Approval inspections of new and second-hand ropeways
- Periodic and additional inspections, e.g. according to SeilbÜV 2013 (Austria)
- Magnet-inductive rope inspections
- Component testing (VT, MT, UT etc.)
- Inspection of gates, cranes and elevators, rescue equipment etc.
- EC conformity assessments as notified body according to guideline 2000/9/EC and issuing of EC certificates of conformity according to "Module B", "Module F" and "Module G"



We develop sustainable solutions

The men behind Ropes are two experienced ropeway engineers who previously worked for many years at one of the world's leading ropeway manufacturers. Since the company's foundation in 2013, we use our profound knowledge and long experience to help other companies that want to get their own ropeway project off the ground. Our headquarters are located in the town of Vintl in South Tyrol (Italy), and our Munich branch covers the German market.

We focus on **ropeway engineering**, including design and consulting, planning, project planning and realization as well as **ropeway inspections** with approvals, periodic inspections and component testing.

In the areas of **architecture and project management**, we cover all relevant tasks: conception and design, planning and engineering, calling for tenders as well as realization.

We collaborate

For our **master planning** projects, we couple our ropeway experience with the ski resort planning expertise of SE Group.

SE Group is a strategic planning, permitting and design firm that has completed over 2,500 projects – bringing the expertise, perspective and pragmatism it takes to achieve the desired results.

Ropes and SE Group recently collaborated on the evaluation and design of the proposed **Squaw-Alpine Meadows Interconnect gondola**. SE Group evaluated a variety of lift configuration and alignment options and Ropes provided rope line calculations and engineering services. The resulting design precisely meets the transportation objectives of the interconnect, reduces resource impacts and lowers project costs by 20 percent.

Team



Per. Ind. Stephan Obexer

CEO/Partner

Ropeway engineer

s.obexer@ropes.cc

Mobile: +39 347 2338931



Dr.-Ing. Mark Lühr

Partner

Ropeway engineer

m.loehr@ropes.cc

Mobile: +39 342 9144180

Headquarters

ROPES GmbH

Staatsstraße 15, I-39030 Vintl (BZ), Italy

VAT ID: IT02811240213

www.ropes.cc



Chris Cushing

Principal

Director of Mountain Planning & Design

ccushing@segroun.com

Mobile: 801 231 7089

www.segroup.com