

Jakob Rope Systems – Locations & Production jakob.co



Jakob Headquarters in Switzerland

Facts & Figures

- 1904 founded by Hans Jakob for traditional production of hemp ropes
- 1950er Product expansion to wire rope production
- Step-by-step expansion of office and production buildings as well as new building construction 2003
- 2016 sition of Habegger Maschinenfabrik AG
- 2019 Move to the expanded headquarters
- About 80 employees in Trubschachen, including apprentices



Development / Engineering / Sales

Planning / Consulting / Sales

- Solution finding and system development
- Feasibility studies
- Factory and implementation planning
- Assembly and maintenance planning
- Sales and distribution

Engineering / Statics

- Solution finding and system development
- Form finding for rope and net structures
- Determination of rope and net loads

4.0 Ergebnisse - Zusammenfassung

Gleichungslöser-Methode Maximale Anzahl Iterationen

| Maximale Anzahi Iterationen | Stabte | Stabte | Stabte | Stabteilungen für Ergebnisse der Stabe | Stabteilungen für Ergebnisse der Stabe | Stabteilungen für Seil-, Bettungs und Vout | Stab Schubstefligkeiten (Ay, Az) berücksichtigen | Mindlin |

Biegetheorie
Genauigkeit der Konvergenzkriterien für nichtlineare B.

• Dimensioning of customer-specific components for rope and net structures

Ergebnisse - Zusammerfassung Knoten : Lagerkrafte Knoten - Verfomungen Stäbe - Lokale Verfomungen Stäbe - Globale Verformungen Stäbe - Schnittgroßen Stäbe - Verzemungen Stäbe - Schnittgroßen Stäbe - Verzemungen Stäbe - Verzemu



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Production of galvanized and stainless steel cables

Tradition & Innovation

For more than 100 years we have been producing fiber ropes from various raw materials and for more than 70 years steel wire ropes in our own production facilities.

- Specialized in customized rope constructions
- Strands up to 41 wires
- Rope diameter up to Ø 28 mm
- up to 6 t unit weight
- Training company for textile technologists in the field of rope and lifting technology (formerly "Seiler")



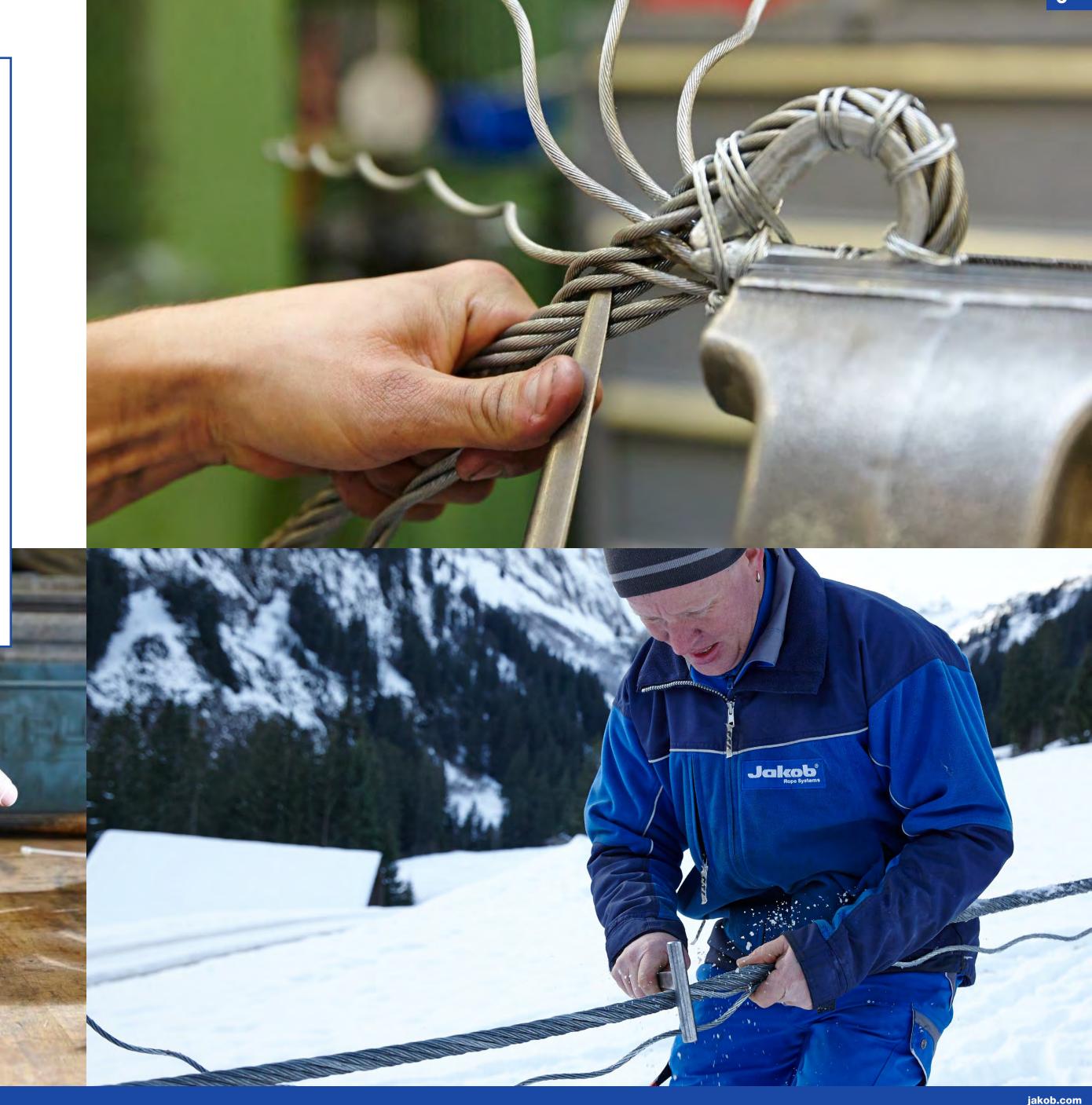


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Manufacture of galvanized ropes

Ropes and chains are manufactured or assembled according to specific requirements and customer specifications. This is where the traditional ropemaking craft comes into its own.

- Fabrication in the workshop and on site
- Certified splicing work
- Wire rope end sleeves, cold or hot sealing
- Standard connections and customer-specific solutions

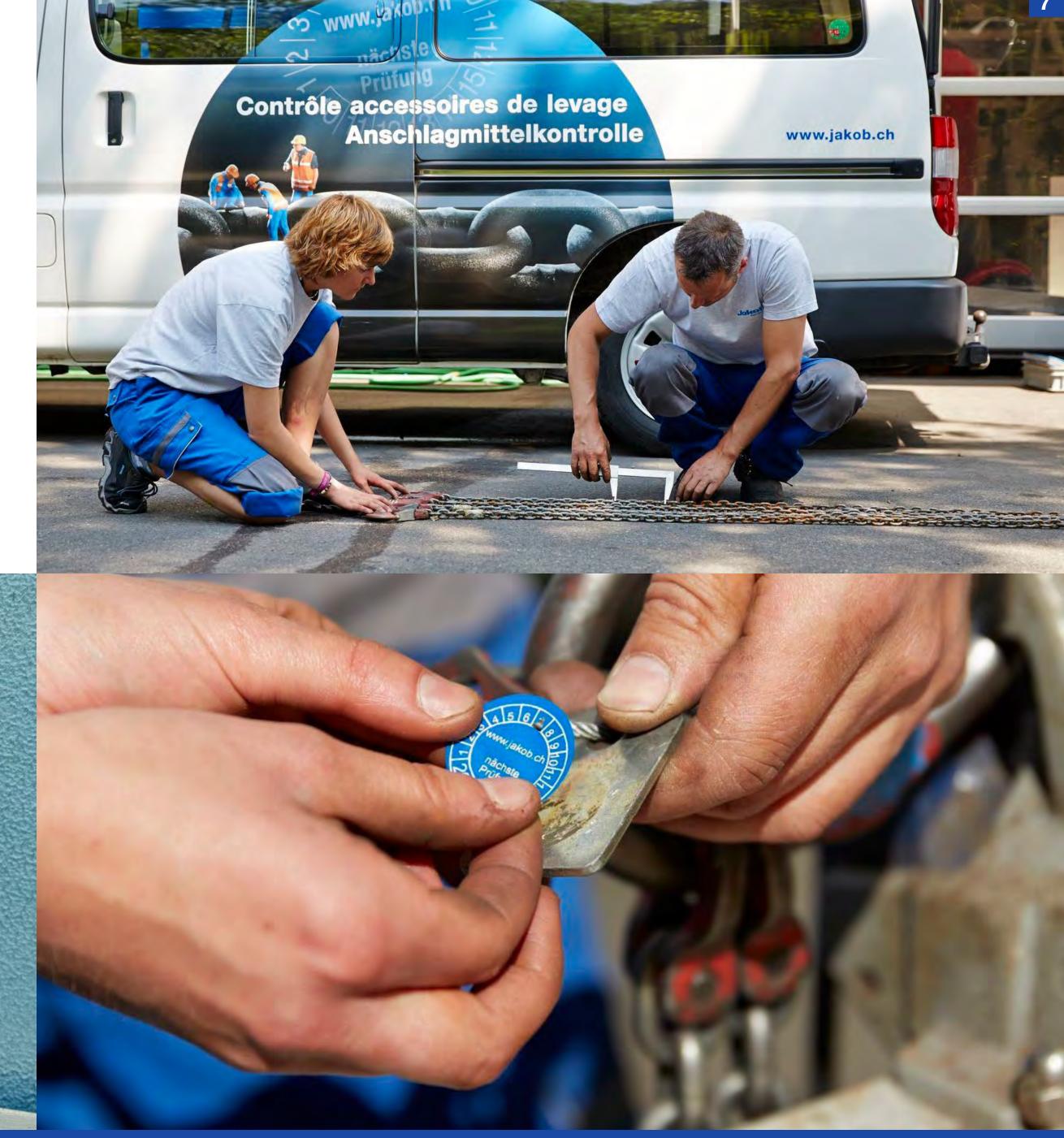


Lifting gear inspection, rope testing

Wire ropes and other lifting gear such as suspensions, belts, round slings and chains should be checked regularly. This helps to detect weak points early on and to extend the service life of the products significantly.

Internally or at the customer's site we offer **consulting, training, inspections and tests**. We carry out the inspection and testing work according to **EN-standards**.





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Advice on running ropes

Running ropes determine the availability of a hoisting system, whether on construction sites, in production or on the mountain. Rope selection and the inspection concept are important factors in this context.

- Damage assessment, statement on the cause
- Rope design and rope selection
- Rope operation analysis and optimization
- Improvement of rope service life and availability of rope transport systems
- Avoidance of recurring damage through damage assessment
- Support with documentation
- Operating manual
- Maintenance requirements
- Technical justifications for regulatory submissions



Fabrication of stainless steel cables and rods

For architectural applications we offer custom-made assemblies and suitable connection accessories.

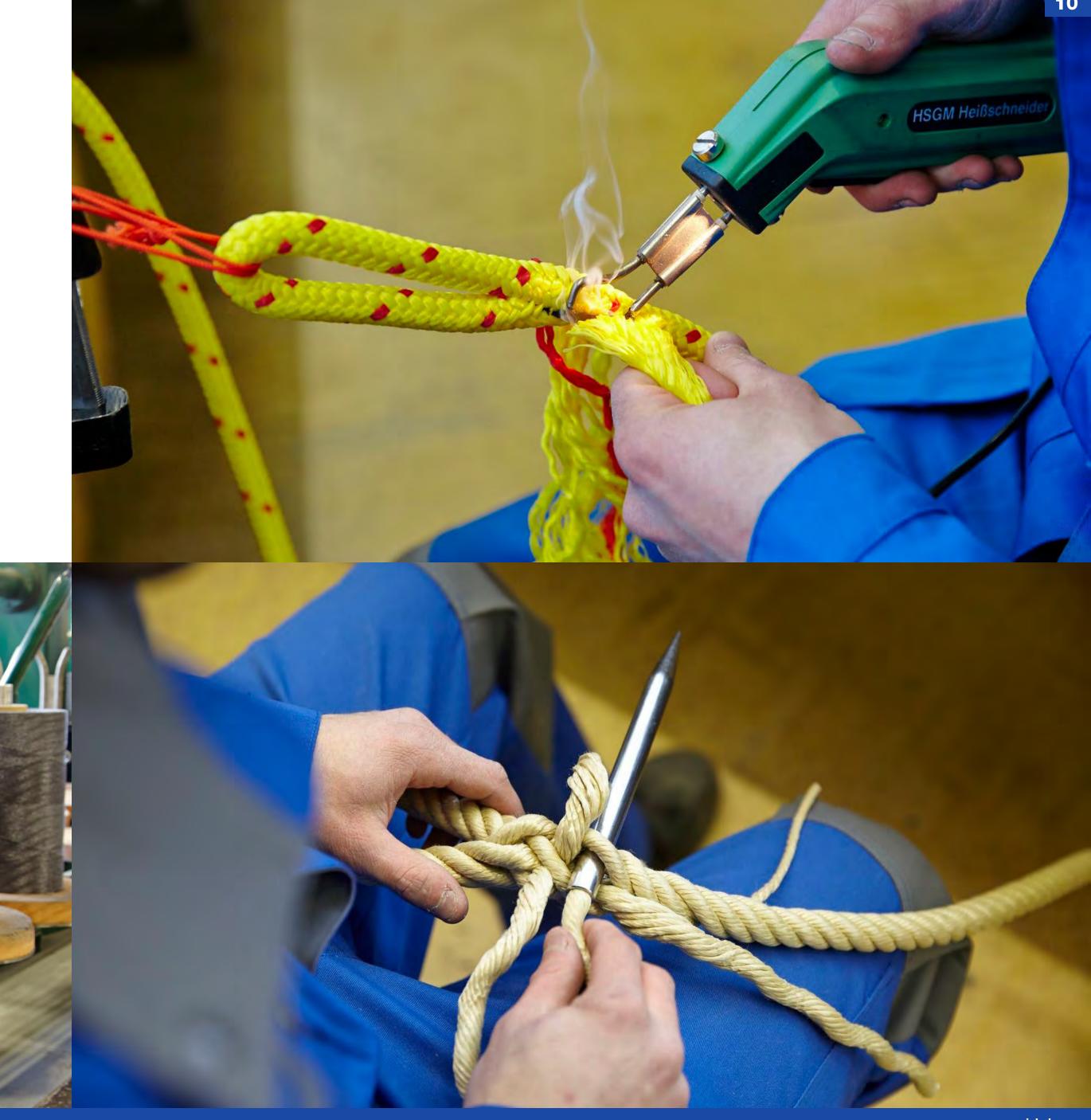
- Precise cutting to length and marking
- Processing of ropes Ø 1 to 38 mm
- Rolling and pressing of different end connections
- Pre-assemblies
- Cleaning
- Customer-specific building technology products



Production / Fabrication Fiber ropes

What began over a hundred years ago is still being continued today: Supplemented by the latest technologies, the traditional rope craft is preserved in Trubschachen.

- Fiber ropes and nets
- Natural fiber ropes
- High strength synthetic fiber ropes
- Classical ropemaking (splicing, rigging, knots and pressing)



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Produktionsstätte in Vietnam

Fabrication of Webnet, frames, architectural cables and stainless steel components.

Facts & Figures

- 2007 Foundation of Jakob Saigon
- 2019 Move to new building VSIPII
- ca. 550 employees (2019)





How did it happen?

During a bicycle tour on vacation in Vietnam, Peter Jakob came up with the idea for the location of the new factory:

Surprised, he watched the enormous dexterity of Vietnamese workers packing sweets and knew: These skills are necessary for the production of complicated and custom-made wire rope nets.

On the unusual approach:

"We did everything wrong compared with the textbook and that's probably why it worked." (Peter Jakob)



Frames production

Frames with Webnet are produced as closed structures in our in-house production. There are virtually no limits to the design.

Frames are delivered ready for assembly, which allows efficient on-site installation without special net knowledge.







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Machining CNC production and joining technology

The stainless steel Jakob fittings are mainly manufactured in the company's own production facility in Vietnam. Here, both series parts and project-specific components are manufactured and then welded and also pre-configured into assemblies.

- Fittings for cable tension systems
- Consoles
- Terminals
- Brackets





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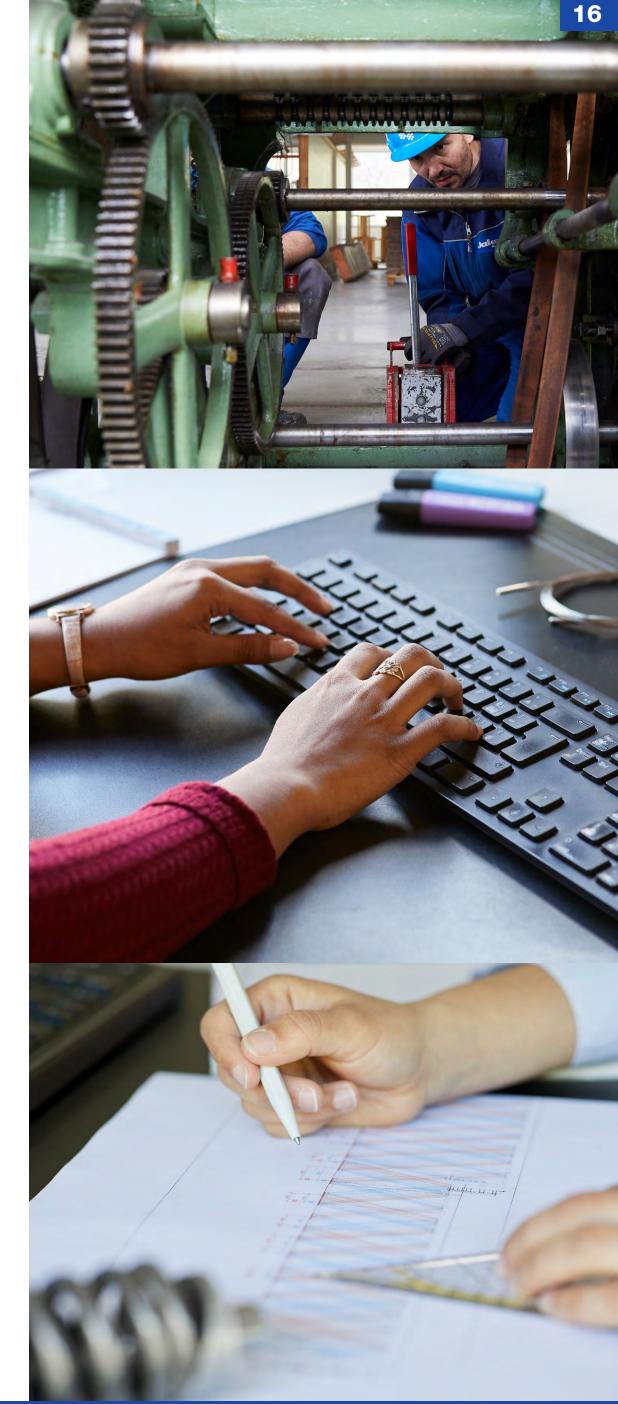


Trubschachen & Saigon

combines a wide range of know-how.

At Jakob Rope Systems, people from a wide variety of professions come together and contribute their knowledge for innovative solutions, both in Vietnam and in Switzerland.

- Development
- Design
- Procurement
- Advice
- Engineering
- Production
- Logistics
- Sales & Support
- Marketing
- IT
- Installation
- Maintenance



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Habegger Maschinenfabrik AG

Rope and wire rope hoist belong together

In 2016 Jakob Rope Systems takes over the traditional company Habegger Maschinenfabrik AG. The Thun-based company is a globally successful manufacturer of wire rope hoists as well as a supplier and service provider in the field of lifting equipment.

Production possibilities

- CNC Milling
- CNC Turning
- Surface grinding
- Mechanical assembly
- Conventional mech. machining

Service

- Service and maintenance of lifting equipment
- Personal Protective Equipment
- Fall protection
- Indoor Cranes
- Winches
- PSA training
- Engineering
- Design and consulting
- Assembly

Products

- Manual wire rope hoists
- Motorized wire rope hoists
- Rental equipment
- Cable deflection pulleys
- Anchoring systems
- PPE
- Safety systems
- Contract manufacturing





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