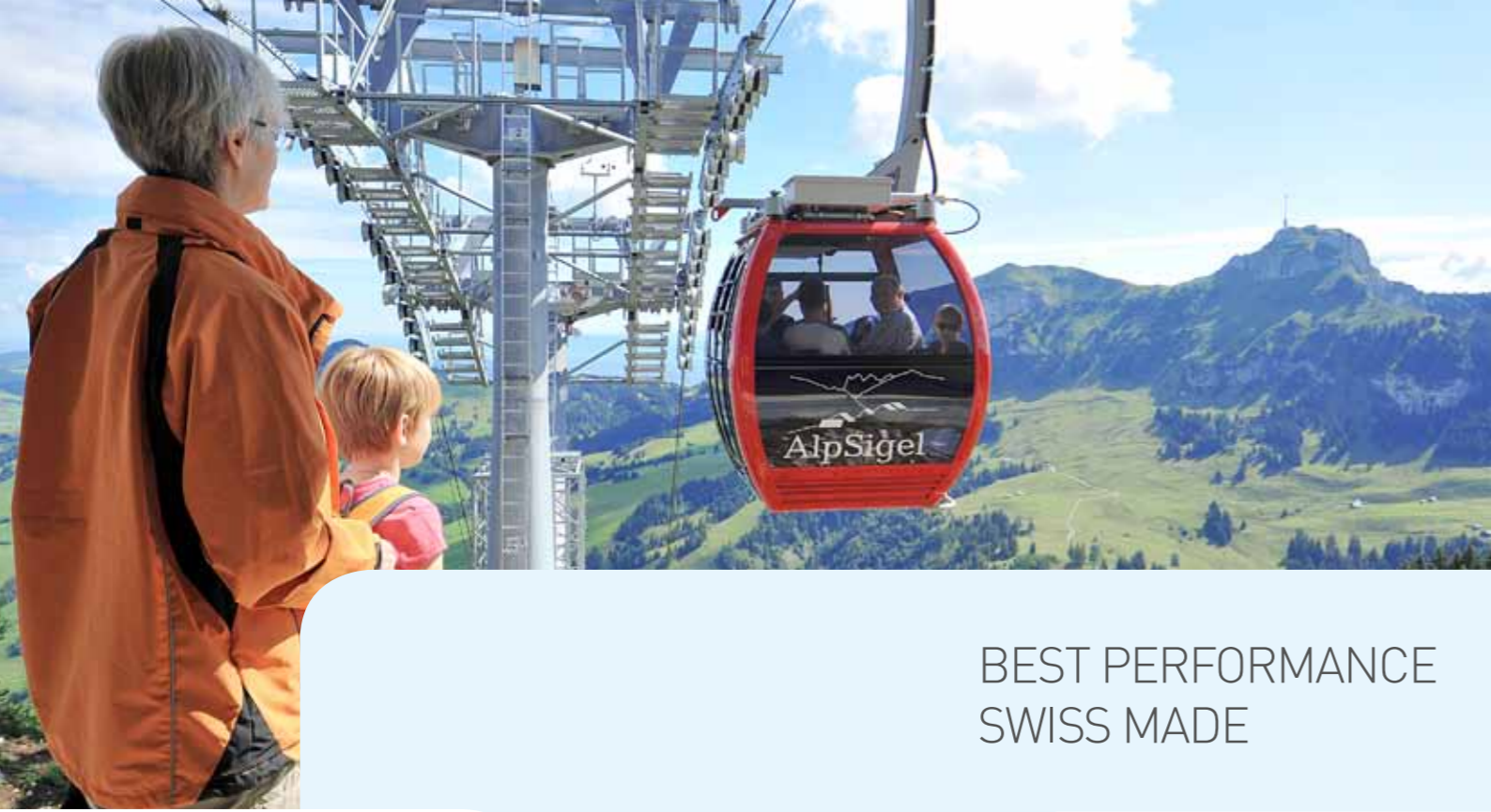


AERIAL TRAMWAYS
COMPACT TRAM





BEST PERFORMANCE SWISS MADE

Aerial tramways are reliable, efficient and ecologically sensible means of traffic and transport - for best performance on any terrain.



Few passengers think about how much experience, know-how and technological accuracy goes into the design, construction and maintenance of reliable aerial tramways while riding them. We think about these things, and meet the challenges our customers pose to us with their individual demands. You may always expect top performance from us. From consulting to construction to maintenance. Everything from your expert for secure travel up and down.

FLEXIBLE IN ANY SITUATION

We at Inauen-Schätti have specialized in the development and construction of sophisticated reversible bicable aerial tramways. This is a very compact aerial tramway system that permits access in difficult terrain like wide valleys, cliffs or even residential areas. With its great flexibility, our compact aerial tramway can be used in all kinds of areas - from difficult-to-reach mountain regions to vantage points and remote property, to urban traffic, beaches and coastal zones and cliffs.

SYSTEMATICALLY EFFICIENT

The reversible bicable aerial tramway system has two cabins going synchronously back and forth between the two end stations. The «lane» is a carrying cable that is firmly anchored at the stations. A towing cable runs in an endless loop over rollers at the supports and in the end stations, moving cabins sized for 8 or 15 persons. The reversible aerial tramways of Inauen-Schätti are particularly characterized by sophisticated technology innovations and high energy efficiency. Zero CO₂ emission in regular operation also ensures a great ecological result.

ON A SINGLE GLANCE

- energy-efficient aerial tramway system
- CEN-compliant for best safety
- access to difficult terrains with long cable spans with few supports
- high flexibility in the areas of use
- project-specific engineering
- accessible
- no CO₂ emission in regular operation



8-ATW 8-PERSON CABINS

Comfort and safety on the highest level. With state-of-the-art cabins and innovative technology, your passengers will safely reach any destination.



No matter the number of elementary components in an aerial tramway system: the cabin will remain the most important part of the entire aerial tramway for the passengers. This is where they will experience comfort and safety up close.

The 8-person cabins of the compact Inauen-Schätti aerial tramways come from standardized production, comply with the strictest CEN standards, and are individually equipped depending on customer wishes and requirements. To make your passengers feel well and secure - going up as well as down.

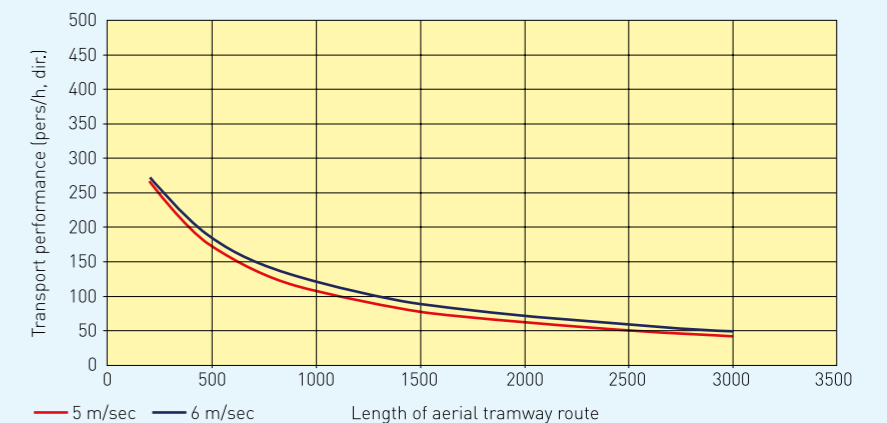
A SMALL ALL-ROUND TALENT

The features of our 8-person cabins provide a safe arrival for your passengers. Seats for all 8 passengers and the dampened suspension, as well as adjustable pendulum dampening ensure best comfort for passengers. The state-of-the-art and aerodynamic design gives the cabin a high wind stability. With a rated speed of 5.0 or 6.0 m/s, it takes passengers or goods at a weight of up to 640 kg securely to the destination. The cabin suspension is constructed in a manner that allows easy disassembly of the cabin and replacement by a transport barrel for transportation of goods.

ON A SINGLE GLANCE

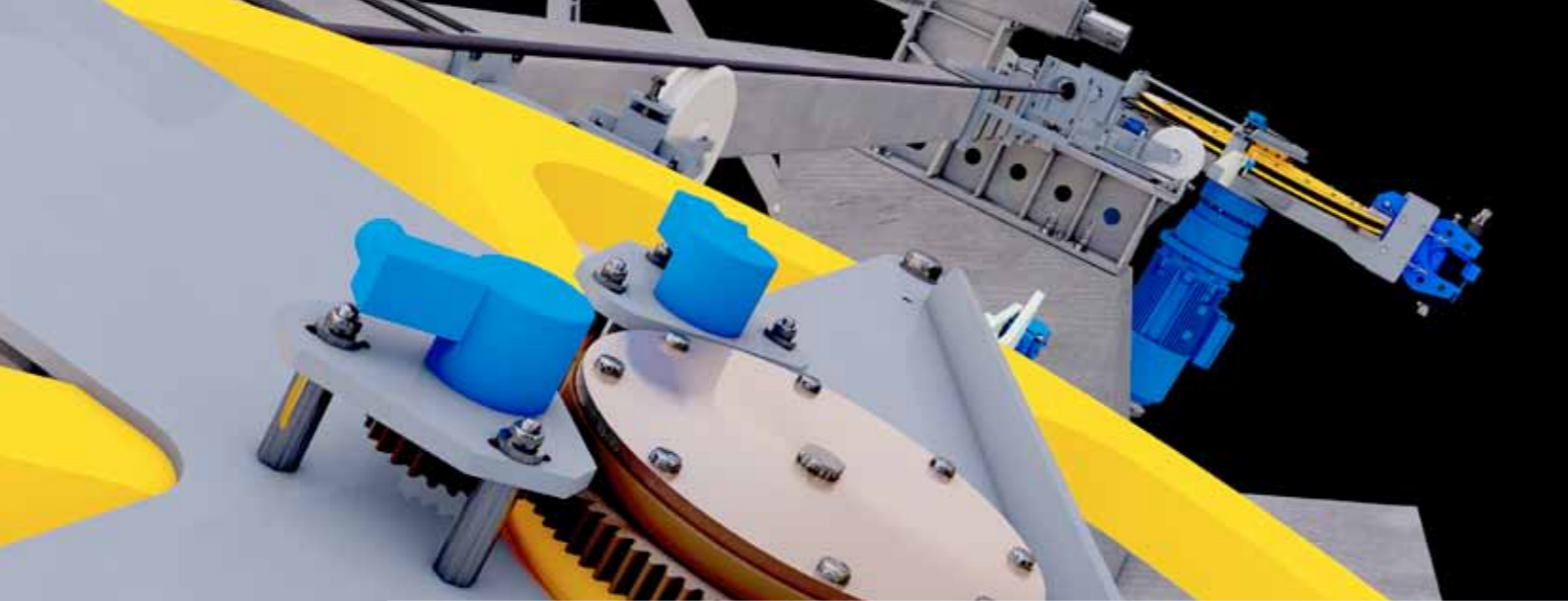
- 8 persons ATW (Aerial Tramway)
- 8 seats / 640 kg payload
- rated speed of 5.0 / 6.0 m/s
- 4-roll running gear (can be extended to 8 rollers)
- automatic doors
- shaded window panes
- state-of-the-art aerodynamic design
- colors and equipment according to customer request
- many features and options
- CEN-compliant

TRANSPORT PERFORMANCE 8-ATW (TWO-WAY)



The shorter the route, the higher the performance. For an aerial tramway length of 500 m, the transport capacity is already at 200 persons per hour and direction.





15-ATW 15-PERSON CABINS

On top with state-of-the-art technology and pioneering innovations: With cabins, equipped to your wishes and requirements



If you are aiming high, our 15-person cabin provides comfortable space, as well as the highest safety standards (CEN-compliant) and best comfort. The latter is noticeable upon entry due to the LWI (Level Walk In). It continues in furnishings to your requirements, as well as in the 8-roller running gear for comfortable, smooth transport. Once at the destination, the doors will open automatically and release the passengers with the good feeling of having been well taken care of.

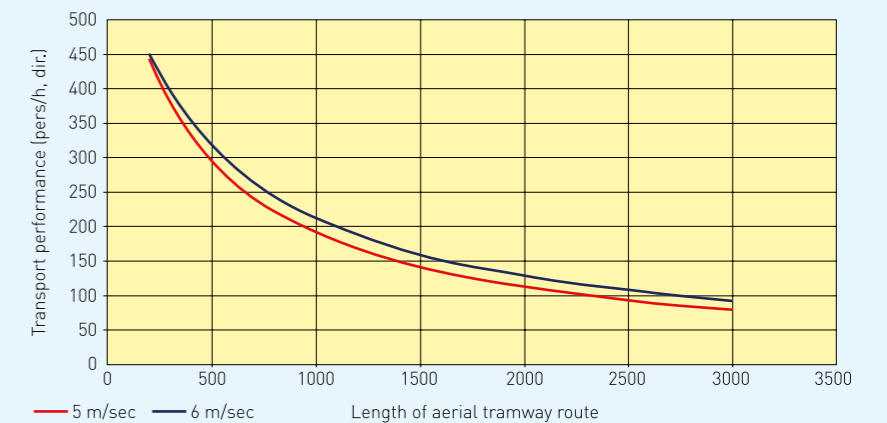
BEST COMFORT

At a payload of 1200 kg, our 15-person cabins are small heavy-load transporters. The system can be easily switched from person to goods transport. The required transport barettes are available on request. The cabins have 10 seats and 5 standing places, as well as a comfortable travel speed of a rated 5.0 / 6.0 m/s that takes them gently towards their destination. The dampened suspension, adjustable pendulum dampening and high wind stability guarantee best transport comfort.

ON A SINGLE GLANCE

- 15 persons ATW (Aerial Tramway)
- 10 seats / 5 standing places / 1200 kg payload
- rated speed of 5.0 / 6.0 m/s
- 8-roll running gear
- automatic doors
- shaded window panes
- state-of-the-art aerodynamic design
- colors and equipment according to customer request
- many features and options
- CEN-compliant

TRANSPORT PERFORMANCE 15-ATW (TWO-WAY)



A good argument for our 15-person cabin: The conveyor performance is still clearly above 200 passengers per hour, even at a route length of 1000 m.





HIGHER, FARTHER, INNOVATIVE

Technology that turns good ideas into ingenious solutions: This is the passion that drives us at Inauen-Schätti.



Why develop a good thing even further? Because what is good can still be better. Following this principle, Inauen-Schätti has re-defined and perfected an established concept. By using innovative technology our compact aerial tramway system permits simple two concrete support setups even on installations. A compact form and simple installation contrasts previous large and difficult installations. Additional drive rooms are unnecessary and maintenance is low.

CONVINCING TECHNOLOGY

The compact drive of our reversible aerial tramway system needs very little space for drive frame, cable sheave, planetary gear, electric motor and gyrating mass, as well as two brake systems that are independent of each other. The safety brake is mechanically pre-tensioned and hydraulically venting. It acts directly on the drive pulley. The adjustable electro-mechanic service brake is integrated in the electric motor. The carrying cables are firmly anchored with grouted sleeves in the valley and with carrying cable bitts with carrying cable reserve at the mountain.

The towing cable is also firmly tensioned and has a re-tensioning device in the valley. The cables are guided across support arches with swing bearings on solid pipe or, starting at a height of 30 m, scaffold supports. The aerial tramway is controlled by safety technology on the highest level. This includes a state-of-the-art drive control with frequency converter, audio/video monitoring, remote access (for remote inspection and repairs) and many other options. Depending on local requirements, operation without staff on site is possible as well.

ON A SINGLE GLANCE

- the entire station on 2 concrete supports
- simple installation, assembly and maintenance
- integrated service and safety brake
- space-saving alignment of all components
- pipe/scaffold supports
- support arches with swing bearings
- carrying cable derailing monitor
- carrying cables firmly anchored
- carrying cable reserve at the mountain
- towing cable firmly tensioned and with re-tensioning facility in the valley





ASSEMBLY AND INSTALLATION

Warranted function

We can always keep this promise with our efficient assembly technology and experienced specialists.



Even the best aerial tramway system will only work perfectly after being professionally installed and commissioned. We will do this for you with our experienced assembly specialists, certified engineers and a professional infrastructure. We will deal with setup organization, deployment and logistics and ensure that your operating staff will be familiar with the technology and function of aerial tramway operation from the first - for your system to run smoothly.

PROFESSIONALLY SETUP...

Time equals money. Save both with the very short assembly times at the construction site of your aerial tramway system. On the one hand, our experienced and competent assembly staff works very efficiently. On the other hand, and in particular, the installation time is reduced by the assembly-compatible construction of the individual components, as well as by use of standard modules that are pre-manufactured and pre-assembled at the factory.

...AND ADJUSTMENT

The first run is a great event and reason for joy. At least as long as your aerial tramway reliably works. Therefore, we will commission the system together with you and your team. It is also decisive important that your operating staff knows about all the details of the system's technology and function. Our engineers will convey this know-how to your employees in specific on-site trainings. Set like this, your aerial tramway will run perfectly smooth.

ON A SINGLE GLANCE

- short construction time
- competent assembly staff
- assembly-compatible construction
- units pre-assembled in the factory
- reduction of operating and maintenance costs
- commissioning by our engineers
- staff training on site





OLD BECOMES NEW

State-of-the-art technology for older plants. To enable best performance in future as well.



Only technology at the latest state of the art is technically and economically competitive. However, outdated systems do not have to be replaced and re-constructed entirely. The Inauen-Schätti core competences include conversions and retrofitting of aerial tramways with state-of-the-art components. This way, even older aerial tramways will meet the current high demands again.

MODULAR MODERNISATION

Older aerial tramways often no longer comply with the latest safety requirements. However, you do not need to replace them entirely. If possible, we will retrofit these system with state-of-the-art standard components. As long as the building substance and infrastructure are still intact, the old drive can, for example, be replaced by a state-of-the-art standard drive module from our compact aerial tramway construction kits, including new brakes and emergency drive, to achieve best performance again.

JUST RETROFIT

Replacing less complex components makes it possible to easily retrofit your aerial tramway technically once it has reached a certain age. Cable sheaves, for example, used to be produced as sophisticated welded constructions. Over time, the welded seams become susceptible to fatigue cracks and have to be replaced. Older cable sheaves with steel grooves rather than rubber lining may also still be in use. In such cases, we can retrofit your aerial tramway with new cable sheaves from our standardized construction kit system virtually in the blink of an eye.

ON A SINGLE GLANCE

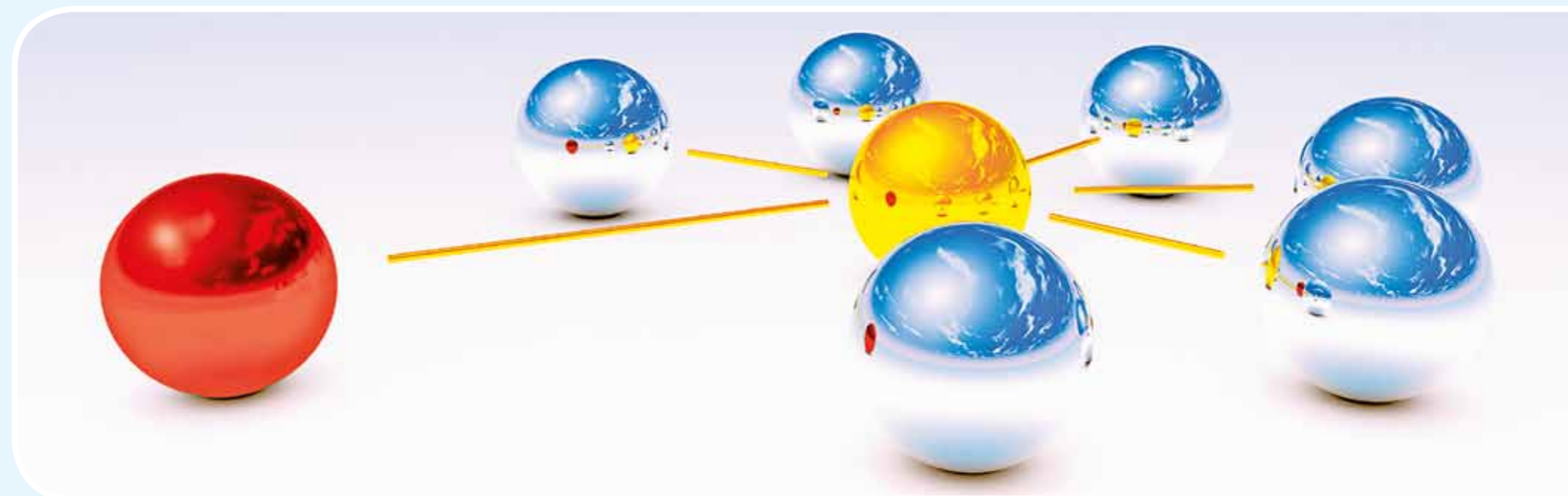
- conversion of old systems
- retrofitting of old systems with state-of-the-art components
- use of standard components
- efficient installations
- saves time and money
- short downtimes





THE BEST FOR OUR CUSTOMERS

Satisfied customers are our best advertisement.
To best meet customer wishes, we offer highest-level service.



We at Inauen-Schätti do our best for our customers every single day: more than 50 years of experience in aerial tramway construction, Swiss high-quality work and a perfect focus on the respective customer wishes and needs.

Our competent service team will advise and help you in any matter on the subject of aerial tramways - including standby service outside business hours. In emergencies, modular standard-solutions ensure quick availability of important spare parts.

PERFECTLY PERSONAL

Our customers have a single contact person for the duration of the entire project.

PERFECTLY INTEGRATED

We warrant seamless project processes from planning to installation to maintenance of the plant.

PERFECTLY SAFE

Our customers may contact our internal service department 365 days a year.

PERFECTLY UNDER CONTROL

With state-of-the-art technology, we can offer quick error diagnosis by phone in case of interference.

PERFECTLY MAINTAINED STOCK

Modular standard solutions warrant best availability of the spare parts for all of our systems.

PERFECTLY POSSIBLE

We will gladly meet your individual wishes in the scope of the required functions and safety requirements with our standard module solutions.

PERFECTLY ORGANISED

Our systems are operated around the world and are supported in cooperation with renowned companies on site.

PERFECTLY UP TO DATE

Modernizations, further developments and retrofitting is performed by our experienced constructors and engineers.

Do you have any questions or would you like to make an appointment for a meeting? Our customer consultants will gladly be there for you. We are looking forward to your challenge.



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