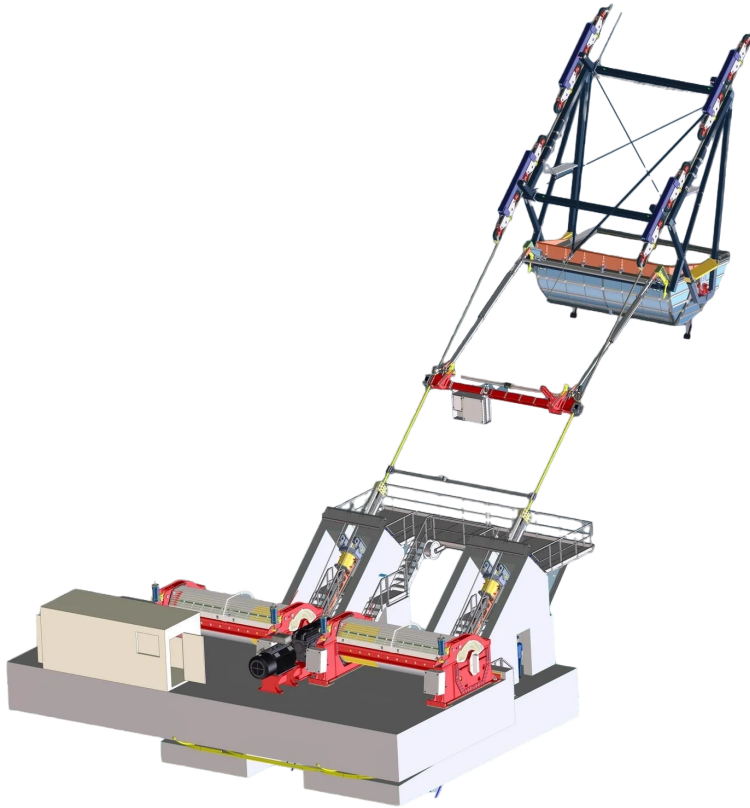




Skydumper

**ADD
WINGS
TO YOUR
WORK**





Skydumper

KEY STRENGTHS



CONSTRUCTION QUALITY



AUTOMATION



FLEXIBILITY



ECO-FRIENDLY



INNOVATION

Areas of application



**MINING AND EXTRACTIVE
INDUSTRY**

Skydumper by Seik is an **automated solution** for material transport in gravel and stone quarries.

The system features double suspension ropes, ensuring stability even in strong wind conditions. The energy used to brake the load during descent is recovered and fed back into the grid, potentially achieving a positive **energy balance**.

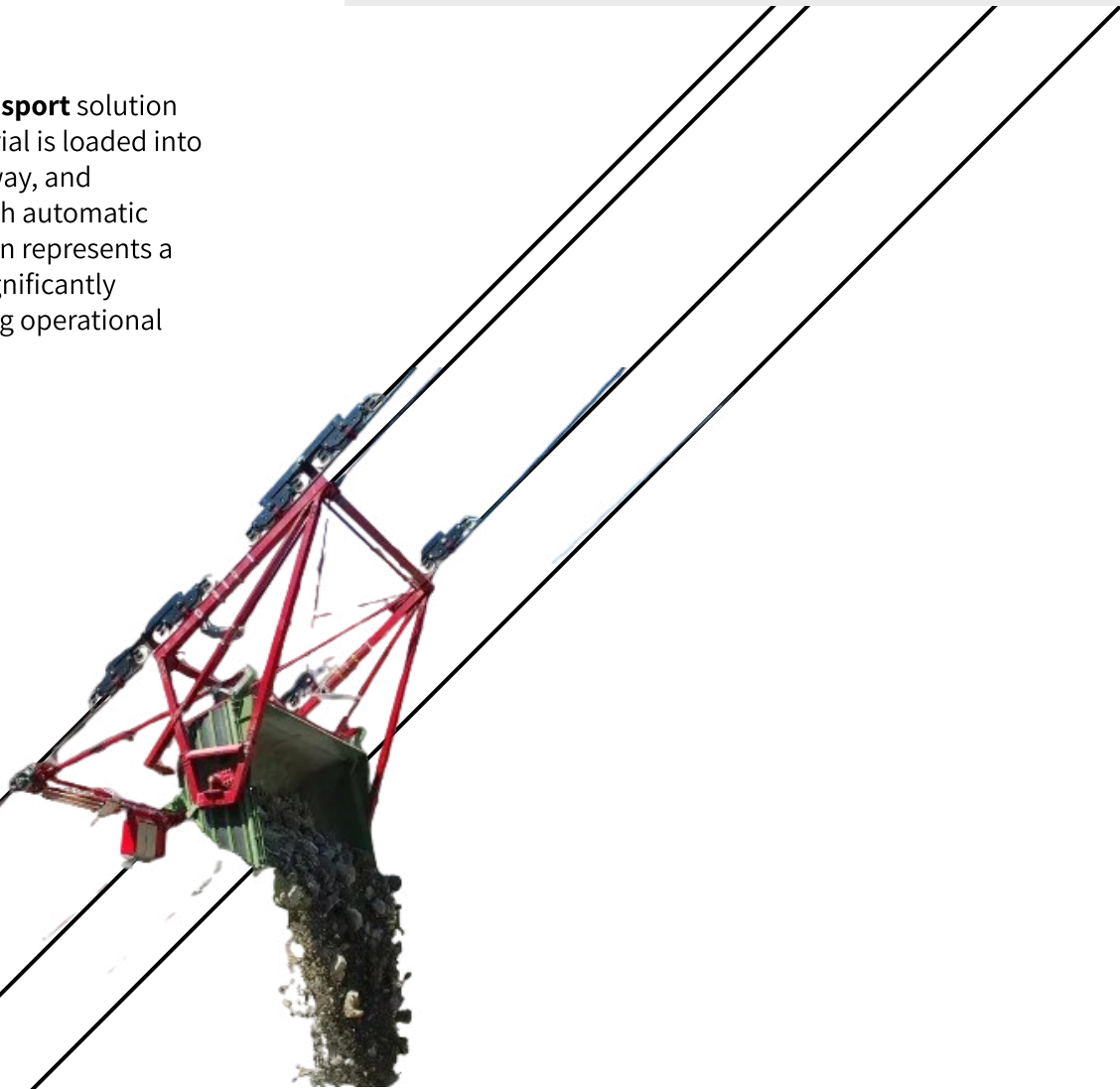
The system is **customizable** based on capacity, loading and unloading points and travel modes. The bucket movement is powered by a winch designed by Seik. The system guarantees **high standards** of **safety** and **reliability**.



Skydumper

Innovative transport concept

Seik has developed an **automated transport** solution for gravel and stone quarries: the material is loaded into a "lung" bucket, transferred via a ropeway, and unloaded at a predetermined point, with automatic return to the starting point. This solution represents a true logistical revolution in quarries, significantly reducing vehicular traffic and optimizing operational efficiency.



Flexibility and adaptability

The system offers the ability to move the unloading point along the route, with a payload capacity that can be adjusted to the specific needs of the customer. The double carrying cable ensures **stability** even in strong wind conditions, guaranteeing safe operation.



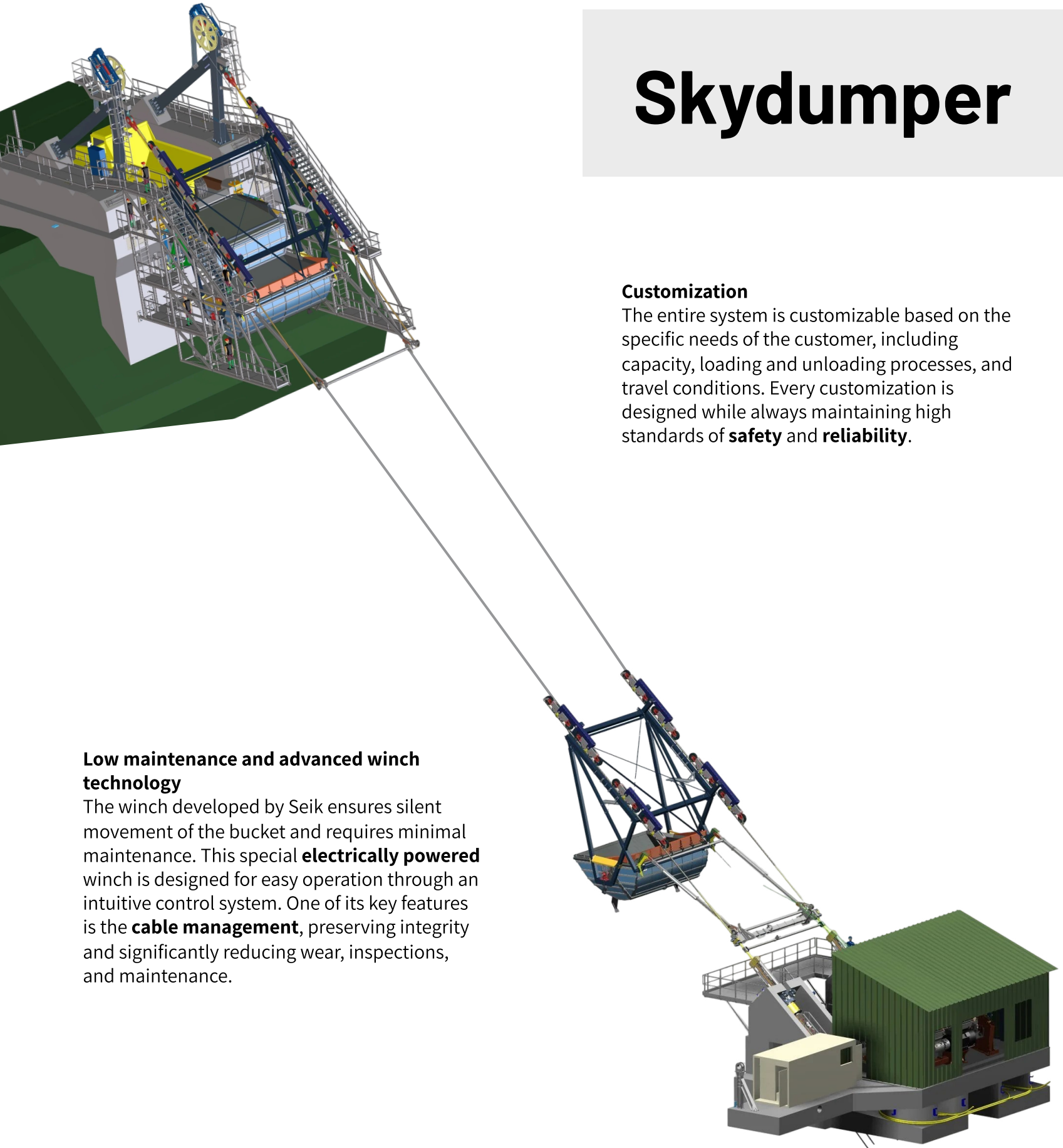
Skydumper

Customization

The entire system is customizable based on the specific needs of the customer, including capacity, loading and unloading processes, and travel conditions. Every customization is designed while always maintaining high standards of **safety** and **reliability**.

Low maintenance and advanced winch technology

The winch developed by Seik ensures silent movement of the bucket and requires minimal maintenance. This special **electrically powered** winch is designed for easy operation through an intuitive control system. One of its key features is the **cable management**, preserving integrity and significantly reducing wear, inspections, and maintenance.

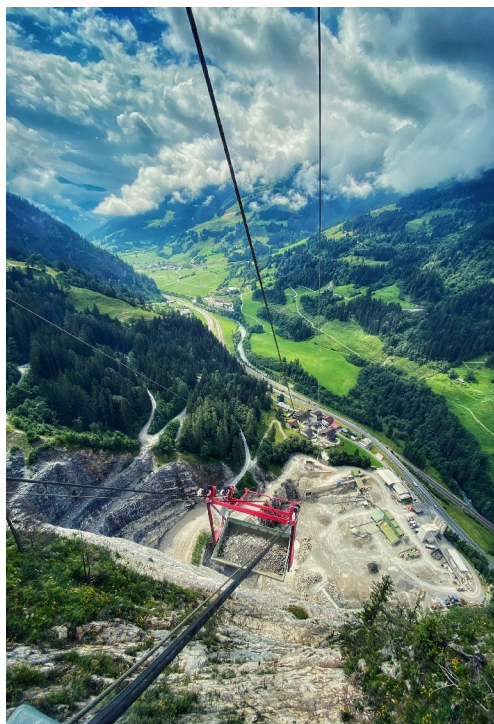




ECO-FRIENDLY

Skydumper

The system is fully powered by electricity and incorporates **energy regeneration technology**. During descent, the energy used to brake the load is recovered and fed back into the grid, contributing to a highly efficient **energy balance**.



In cases where the system is used for lowering materials, this regeneration process allows it to generate more energy than it consumes during the empty ascent, resulting in a **positive overall energy balance**. The surplus energy produced can either be reinjected into the grid or utilized internally within the quarry, further enhancing operational sustainability.



Transport by Rope - design, production, sale and rental of ropeways, winches and cable cranes

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