



LIFE

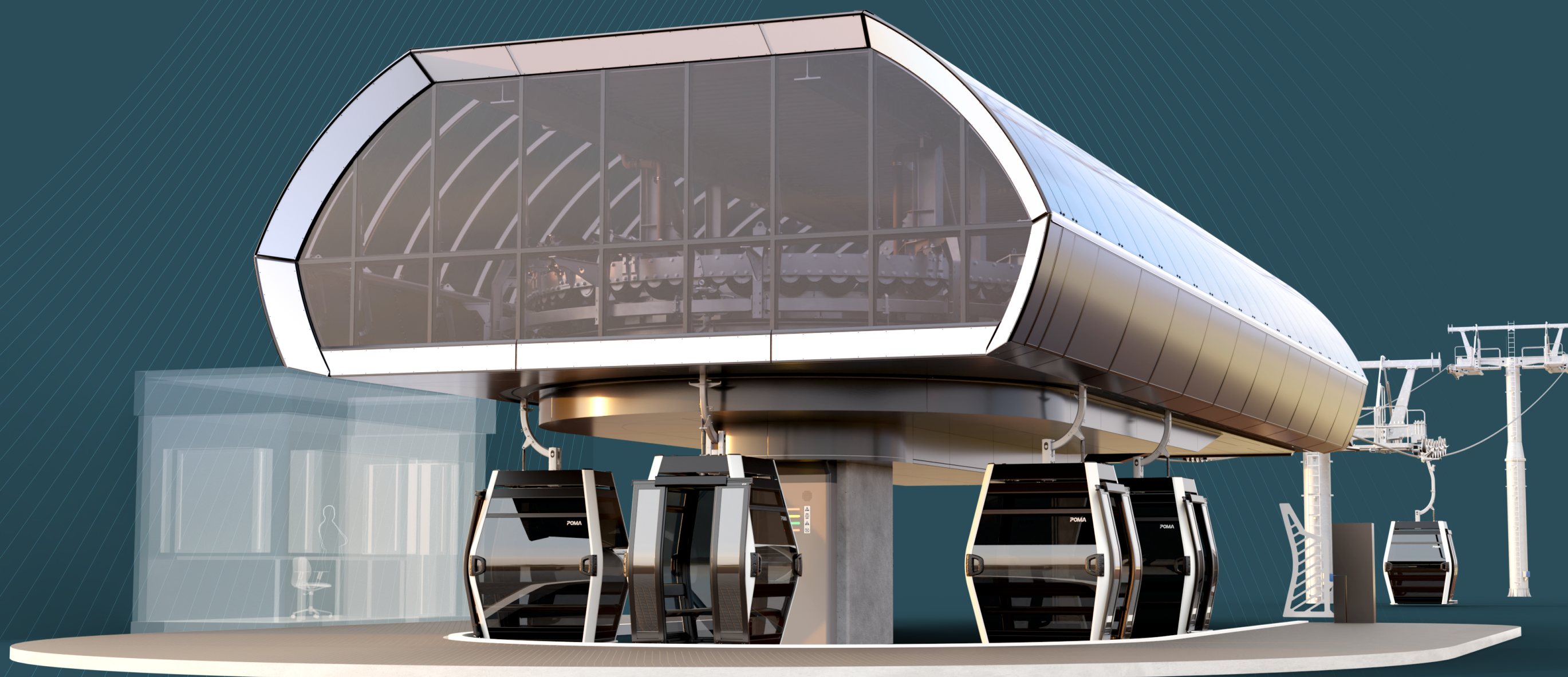
LARGE IMPACT FOR EFFICIENCY

POMA

LIFE

LARGE IMPACT FOR EFFICIENCY

A NEW GENERATION OF ROPEWAY



FORWARD BECOMES STANDARD

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With decades of experience and unparalleled global feedback, **POMA** has designed a cable transport range that embodies the perfect balance of expertise, cutting-edge technology, and durability. Every component is engineered for absolute reliability and long-term performance, providing operators with a solution that ensures efficiency, scalability, and uncompromising quality. In line with POMA's commitment to sustainability and building on the LIFE R'way initiative—now an industry benchmark for low-impact

mobility—this range reinforces our vision for responsible transport. **At the forefront of innovation**, the LIFE range is a true embodiment of our LIFE R'way approach, integrating the highest standards of energy efficiency, reduced environmental impact, and optimized maintenance for seamless and sustainable operations. Passenger comfort, operator ergonomics, and operational excellence remain at the core of its design. Through **LIFE** with Ropera embedded, **POMA sets new standards**, delivering high-performance, future-proof

solutions tailored to meet the mobility challenges of today and tomorrow.

LARGE IMPACT FOR EFFICIENCY



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LIFE

LARGE IMPACT FOR EFFICIENCY

LIFE AT THE CORE

HIGH PERFORMANCE & LOW NOISE

What makes **LIFE** the most powerful and quietest standard in the ropeway industry? The fact **that it optimises all sources of noise throughout the entire system** :

- **The stations** are designed to cause minimal noise and create a **quiet environment** for both passengers, operators and adjacent areas. Modern technology and advanced sound insulation **keep operating noise to a minimum** – ideal for urban zones, natural areas, and noise-sensitive environments.
- **The grip** has been repeatedly tested and continuously optimised over many years, so that it combines maximum performance with quiet operation. Its tried-and-tested construction ensures **outstanding durability**.
- At the heart of **LIFE** is the proven **POMA DirectDrive** – a benchmark for **environmentally friendly, energy-efficient, and quiet motor technology**. This advanced technology, which has been tested in the field and is constantly being improved, sets the standard for excellence in the ropeway industry.

EFFICIENT & SUSTAINABLE DESIGN

With **LIFE**, POMA delivers sustainable, efficient solutions **perfectly tailored to the needs of operators**.

Designed for a lifespan of over 40 years and 95% recyclable, these systems naturally embody a vision of **responsible mobility**. They can operate using renewable energy sources and meet the highest environmental standards.

Thanks to a proven modular design, LIFE ensures **fast execution** — manufacturing and installation are optimized for commissioning within just a few weeks.

Reliability, responsiveness, durability: everything comes together to support operators in achieving responsible performance.

LIFE stands for **operational efficiency and worker safety**. Its modular structure and easily accessible components simplify maintenance operations, minimize downtime, and enhance productivity.

Advanced safety features create a **secure and ergonomic working environment** for maintenance technicians, setting new standards in the industry.

Drawing on **experience gained from thousands of installations worldwide**, LIFE's design integrates proven technical solutions — such as positioning the entire tire beam behind transparent plexiglass for full visibility, minimizing manual handling during interventions, and providing complete access to all safety devices directly from the walkways. This concept combines **safety, efficiency, and practicality to deliver simple, reliable, and stress-free maintenance**.

WORKERS SAFETY & EASY MAINTENANCE

REDUCED LIFE CYCLE COSTS

With **LIFE**, POMA ensures **longterm cost efficiency**.

Operating and maintenance **costs are significantly optimised over the entire life time** thanks to durable components, extended maintenance intervals, and energy-efficient systems.

Advanced design choices and predictive maintenance technologies **further enhance reliability and minimize costly downtime**.

As always, POMA stands alongside operators throughout the entire lifecycle of their installation, **providing ongoing support and expertise**.

And because the system runs smoothly, efficiently, and safely, teams can focus on what truly matters: **delivering the best possible experience for passengers**.

LIFE

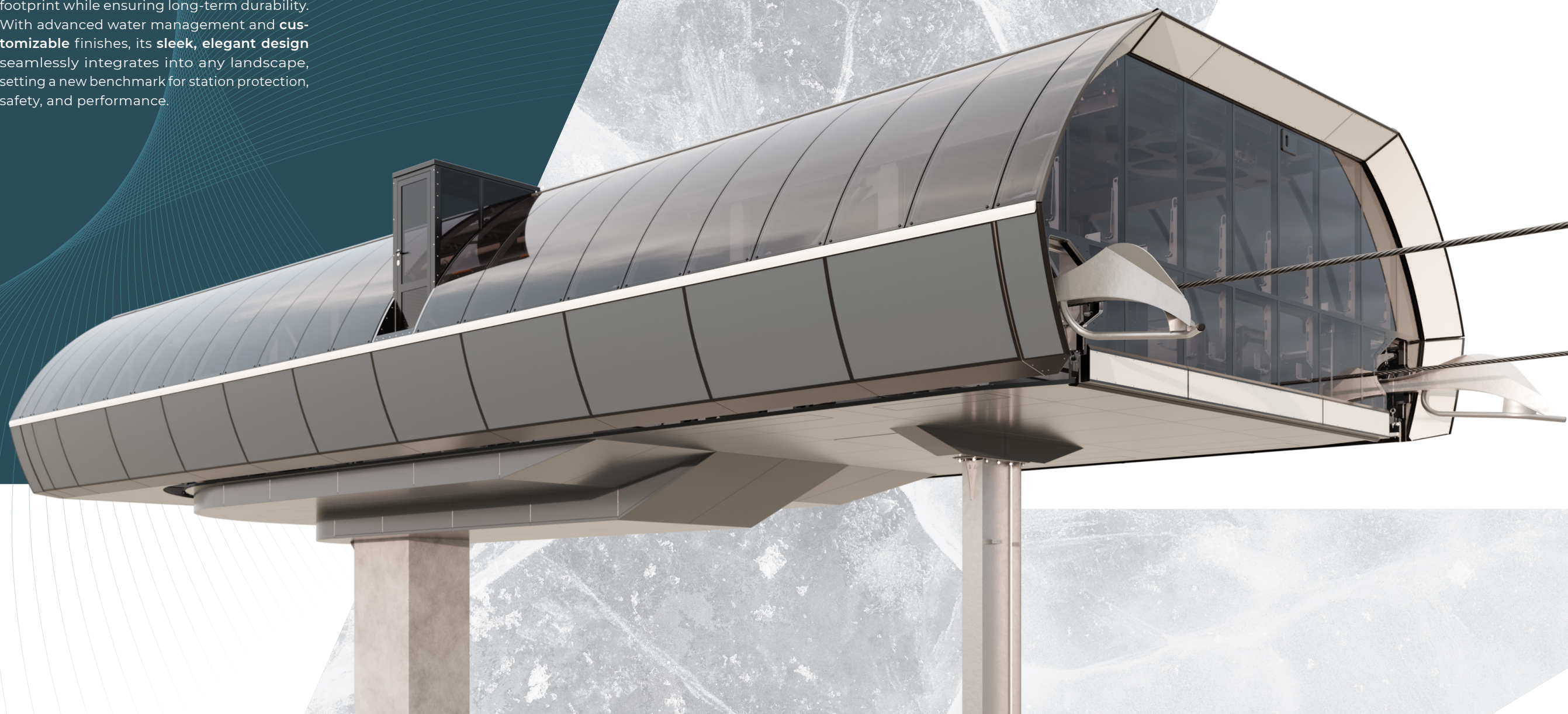
LARGE IMPACT FOR EFFICIENCY

At the heart of the system,
**the station embodies the technical
and visual signature of the installation.**
As a **true hub of innovation**, it combines
operational efficiency, modularity,
accessibility, and reliability.
This new generation of stations
paves the way for optimized, sustainable
operations **designed for performance
and operator needs.**

STATION

LIFE STATION COVER

More than a roof, the LIFE station cover is a **refined architectural envelope**, designed as a true protective shell that safeguards every component within. Combining cutting-edge **sustainability** with **superior weather resistance** and **optimized maintenance**, it minimizes environmental impact with a lower carbon footprint while ensuring long-term durability. With advanced water management and **customizable** finishes, its **sleek, elegant design** seamlessly integrates into any landscape, setting a new benchmark for station protection, safety, and performance.



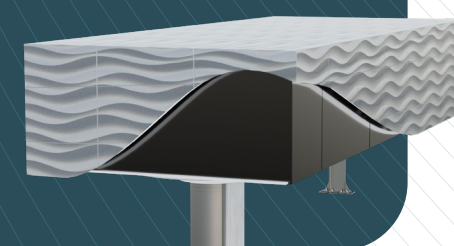
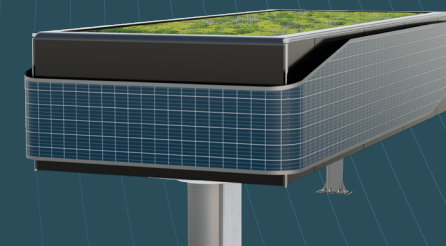
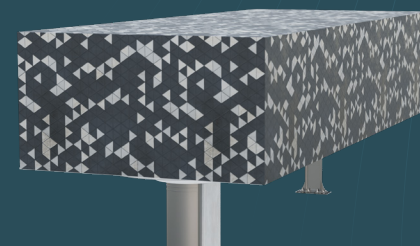
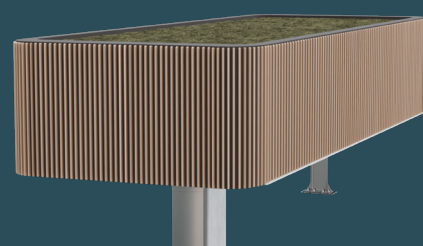


LIFE STATION COVER

TIMELESS ELEGANCE IN STATION DESIGN

Designed for **seamless architectural integration**, the LIFE station cover **redefines flexibility**. With predefined attachment points and a modular double-skin structure, it **adapts to every project**, allowing for a wide variety of forms and materials.

Whether integrating acoustic treatments, decorative facades, or distinctive finishes—perforated metal, corten steel, green roofing or full glazing—this solution turns each station into a **unique landmark**, blending technical performance with aesthetic refinement.



STATION

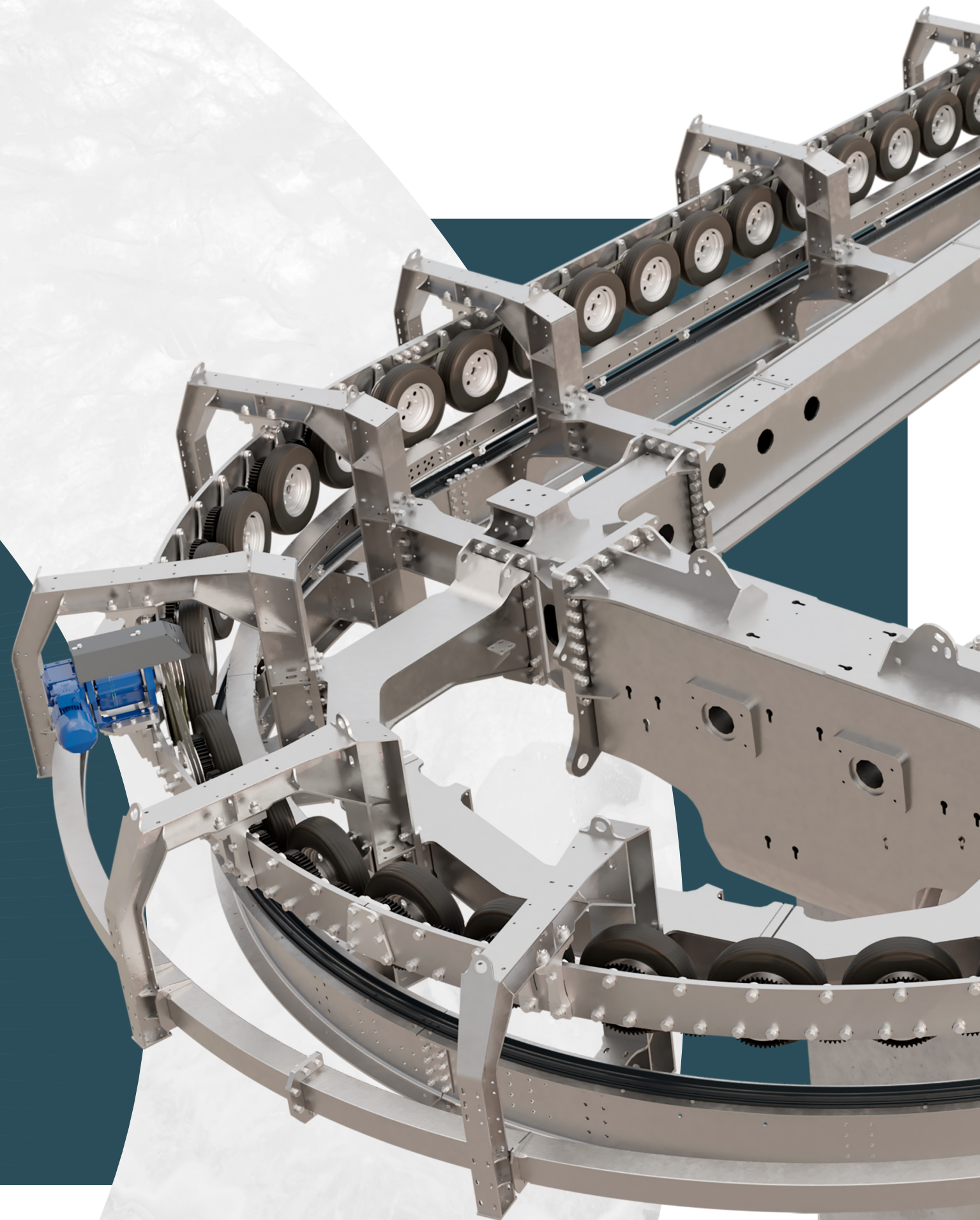
SIZING AND MODULARITY

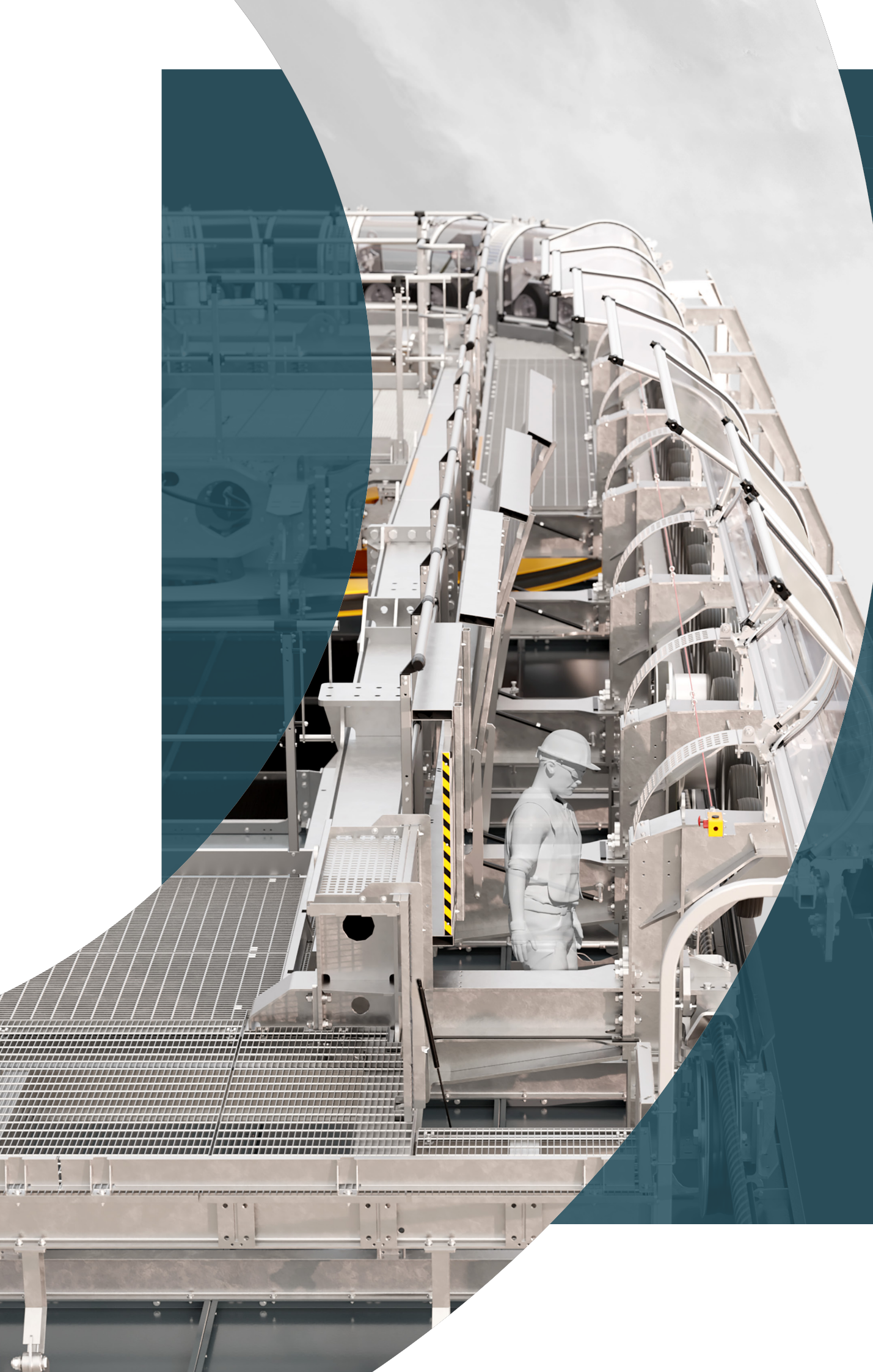
TARGETED DESIGN, MAXIMUM EFFICIENCY

LIFE stations are breaking new ground in terms of **efficiency and adaptability**. By focusing on two main sizes, the concept allows for **maximum customization**, enabling customers to receive exactly the product they need — no more, no less. This avoids **unnecessary oversizing** and contributes significantly to sustainability across all environments.

STREAMLINED PRODUCTION & PLANNING

This standardized approach supports an optimized industrial process and ensures better control over production timelines and on-site planning, for faster, more reliable project delivery.





EASY-TO-MAINTAIN SOLUTION & OCCUPATIONAL SAFETY AT THE FOREFRONT

SPACIOUS AND ACCESSIBLE WALKWAYS

LIFE offers the widest walkways on the market: at 750 mm wide, they provide an unrivalled level of comfort and safety for operations and maintenance teams. Their lift-up design, free of any secondary structure underneath, ensures permanent visibility of the mechanics, direct and unobstructed access to all components when opened, and a true human-height working position.

The station is designed with continuous walkways, with **no intermediate steps** along the tire beam, and a dedicated working platform at the station front. This eliminates **unnecessary steps** and guarantees that all areas are accessible without barriers.

COMPREHENSIVE ACCESSIBILITY

Visibility and safety: the synchroniser tyres are fully accessible from the walkways and covered with plexiglass to enable a clear view of all moving parts. This means that safe and effective inspections can be conducted at all times. There is no need to access the opposite side of the tire beam.

- **Access to the tensioning carriage:** multiple gates on the walkways allow direct access to the tensioning carriage and thus facilitate maintenance work.
- **Optimized accessibility and more space:** The LIFE design improves accessibility to all station components and also provides a larger visible area for visual inspection or adjustments.



INTEGRATED NOISE OPTIMISATION

A HOLISTIC APPROACH

With LIFE, noise management is based on a comprehensive strategy that combines source reduction, limitation of structural propagation and targeted absorption at critical points.

ACTIVE STRUCTURAL DESIGN

Open-profile framing prevents resonance and dissipates vibrations. Key components are mounted on elastomeric supports and anti-vibration pads.

PRECISION ENGINEERING

Large-diameter sheaves, damped rollers, isolated rails, acoustic absorbers, and suspended under-floor elements ensure smooth vehicle transitions and a quieter passenger experience.

COMPACT AND EFFICIENT DESIGN

LIFE features a dual pull-cylinder configuration, delivering high performance and simplified maintenance. This compact layout transmits tension directly to the concrete column via the rear stretcher, enabling a light structure with fewer components and a reduced station footprint.

INNOVATIVE TENSIONING SYSTEM FOR MAXIMUM EFFICIENCY

OPTIMIZED INSTALLATION PROCESS

Key components—cylinders, hydraulic unit, and piping—are **factory pre-assembled and tested** to ensure consistent quality and simplify transport and on-site assembly.

REDUCED IMPACT, INCREASED RELIABILITY

This streamlined system minimizes environmental and logistical impact, enhances installation safety, and upholds the highest standards of efficiency and durability across all projects.



INNOVATIVE HATCH SYSTEM

Two **hatches**, one at the front and one at the rear of the station area, adaptable to all site configurations and **each sized for a Euro pallet**, make it easier to bring in spare parts.

Combined with the station's **integrated overhead crane**, they ensure safer lifting and simplified handling of spare parts and equipment **for operators**.

STATION

LIFE

LARGE IMPACT FOR EFFICIENCY

As the **true brain of the system**, POMA's motor-control suite drives each installation **with precision and reliability**. Robust, connected, and future-ready, these components support operators **over the long term**, delivering consistent performance, efficiency, and peace of mind—with proven engineering and expert assistance every step of the way.

DRIVE & CONTROL SYSTEM



THE DIRECTDRIVE

Backed by over two decades of continuous refinement with our operating customers, the DirectDrive is a **clean, silent drive** that is part of an eco-responsible approach: **lower energy consumption, no fossil fuel consumption, less noise pollution, and more safety.**

GEARLESS PERMANENT MAGNET MOTOR

The DirectDrive uses a slow-running synchronous motor. Its output shaft is directly connected to the sheave, so this drive system operates without any gearbox and ensures impressively smooth running and incomparably low maintenance requirements.

HIGH AVAILABILITY DUE TO SEGMENTAL CONSTRUCTION

The motor is designed to have up to eight segments. If a segment is not working properly, the motor can continue to run and transport passengers safely, even with reduced power. The windings, magnets, and bearings can all be replaced very quickly without having to open the roof of the station. All this results in optimum system availability.

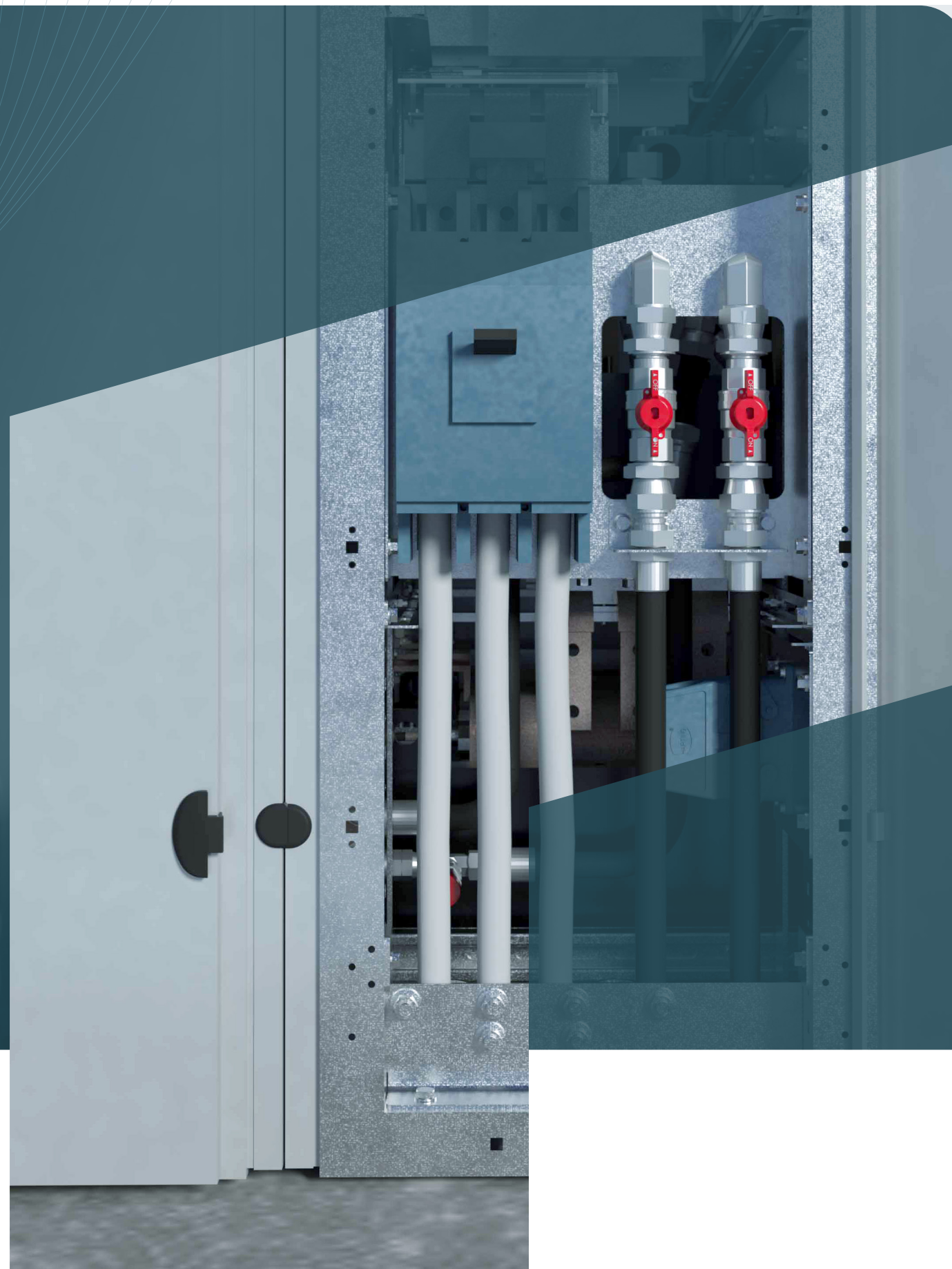
FREQUENCY CONVERTER LEITDRIVE

MAXIMUM FLEXIBILITY THANKS TO MODULAR DESIGN

LeitDrive is a frequency converter designed and developed in-house. The perfect interaction between the DirectDrive and the frequency converter ensures **high overall efficiency** and a **high degree of reliability** in all load ranges of a drive motor that runs smoothly and efficiently.

Easily accessible components ensure simple maintenance and ease of servicing. Thanks to a maximum module width of 400 mm, the system can be implemented in a **very compact** and space-saving way.

The modular design allows a nominal power from 250 kW up to several Megawatts to be achieved.



THE LIFE SMARTBOARD

INNOVATIVE, INTUITIVE, AND EFFICIENT

POMA's control system adopts a **function-oriented design**, moving beyond traditional hardware-based logic to deliver centralized, software-driven control.

Its redesigned, **intuitive interface** streamlines daily operations, monitoring, diagnostics, and commissioning. **Fully compatible with Skadii**, it enables secure real-time remote visualization, predictive maintenance, and a complete range of digital services for optimal equipment operation. Pre-tested modules and secure updates strengthen system **reliability**.

Operators benefit from simplified handling and reduced risk of error. With reinforced **cybersecurity** protocols, this smart, ergonomic solution combines **technological mastery and daily efficiency**, ensuring long-term performance across the ropeway's entire lifecycle.

DRIVE &
CONTROL SYSTEM





POMA PROXIMAN SMART ASSISTANCE, MAXIMUM AVAILABILITY

POMA PROXIMAN enhances operations with **remote diagnostics**. A secure VPN connection, temporarily activated at the client's request, enables POMA experts to provide **real-time remote assistance**, delivering diagnostics and support within minutes.

Optionally, operators can access system information on portable devices, for example during maintenance operations. Ease of use, extended functionality, and improved availability: **POMA PROXIMAN supports you wherever your installation needs it.**

LIFE

LARGE IMPACT FOR EFFICIENCY

Tailored rope line, signature vehicles

Flexible and precise, the POMA line adapts seamlessly to every terrain, ensuring optimal **travel comfort and maximum safety**.

Its carefully designed route and **robust construction**, engineered for efficient operation, deliver reliable performance even in the most demanding environments.

Whether open or enclosed, the vehicles are designed **as true experience and transport spaces**, suited for **all uses**. Ergonomic, quiet, and customizable, they combine technical excellence, operational efficiency, and user comfort. As a distinctive visual signature of the installation, they embody the identity of the project.

SECTOR VEHICLES

THE POMA LINE

OPTIMIZED ROPE LINE, LASTING PERFORMANCE

The rope line is the core of any installation: it determines not only passenger comfort, but also maintenance costs and the system's ability to operate in complex environments. Thanks to its technical expertise and proven modular systems, POMA designs optimized rope lines tailored to each terrain, combining precision, robustness, and safety. Adapted profiles, long spans, and improved wind resistance : every detail is engineered to reduce infrastructure needs, simplify on-site integration, and ensure efficient, long-lasting operations.

LCI ROLLER BATTERIES – DURABILITY, PRECISION, COMFORT

The LCI roller batteries —engineered with a Life Cycle Improvement approach— set the benchmark for performance. They combine exceptional durability, reduced maintenance, and superior ride comfort. With optimized load distribution on the rollers and precise rope guidance, they reduce the number of rollers required, limit wear, and ensure long-term reliability with a lower total cost of ownership.

THE POMA GRIP

EVOLUTION OF THE DESIGN: SAFETY, DURABILITY, & COMFORT

Thanks to its **modular design**, the POMA grip adapts seamlessly to the specific requirements of each system while maintaining identical geometry.

It has been **significantly improved** to offer even better performance and comfort. The enlarged axle diameter reduces wear on the sliding bearings, while the optimized coupling roller shape minimizes contact pressure on the coupling rail. This leads to **an extended lifespan and simplified maintenance**.

The optimised transport plate ensures perfectly balanced behavior in all operating conditions. It prevents excessive deceleration in dry conditions while improving braking efficiency in the presence of moisture, ice, or dust. These improvements guarantee reliable and consistent performance in **every weather and climate conditions**, across all use cases.

THE PREMIUM EVO CHAIR

TECHNOLOGY & INNOVATION

Passengers appreciate the premium EVO chairs not only for their proven **comfort**, but also for their understated **elegance**.

Its premium materials, such as leather, are paired with refined design inspired by the automotive world, turning every chairlift ride into a truly **premium class experience**.

The exclusive seats, with their clean and harmonious lines, combine industrial craftsmanship, sophisticated design and the latest ropeway technology.

A wide seat, a high backrest, and a **perfectly shaped** footrest make every ride a moment of **exceptional comfort**.



THE EEZII CHAIRS

OPTIMIZED DESIGN FOR SUSTAINABILITY AND EFFICIENCY

EEZII chairs provide the perfect balance between simplicity, durability, and environmental responsibility. Designed without compromising on **quality** or **safety**, they address the demand for **streamlined systems** while enhancing **energy efficiency**.

For passengers, EEZII chairs deliver superior comfort with resilient foam cushions and spring-assisted safety bars for easy handling. Optional seat color finishes allow for visual customization.

A proven and efficient design that sets EEZII chairs as a standard for **reliable and sustainable** chairlift mobility.



DESIGN AND QUALITY

Designed in collaboration with Pininfarina, the Diamond EVO cabin is the evolution of a proven model, **combining innovative design and technical refinement with an unparalleled passenger experience.** Its panoramic glazing immerses travelers in the surrounding landscape, while customizable ventilation options adapt **to every environment**, from tropical cities to snowy slopes.

PREMIUM CABIN DIAMOND EVO

Automatic sliding doors free up interior space for smoother boarding and extra legroom, while enhancing safety and improving overall system availability. With high-end finishes and extensive personalization options—from materials to colors and functional details—Diamond EVO transforms each journey into a unique moment of comfort, visibility, and style, **elevating the cable transport experience for both passengers and operators.**

LINE &
VEHICLES

THE GARAGING SYSTEM

VARIABILITY, FLEXIBILITY AND ADAPTABILITY

POMA offers a wide range of garaging systems, tailored to the diverse spatial configurations and budgetary constraints of the customers. The garaging systems are not tied to a specific ropeway system, providing **significant flexibility for integration**.

- The **fully automatic loop** line garage is the premium solution for maximum convenience, the utmost ease of operation, and optimum execution of maintenance work.
- The **rail-storage system** is ideal for compact layouts, offering both automatic and manual versions.
- The **station garaging system**, fully integrated within the turnaround area itself, eliminates the need for additional infrastructure.

Each solution is designed to support reliability, simplify daily operations, and optimize lifecycle performance.

LIFE

LARGE IMPACT FOR EFFICIENCY

To ensure long-term performance, safety and availability, operators need smart, adaptive and comprehensive support. With POMA Services, benefit from **360° support throughout your installation's entire lifecycle.** Training, maintenance, support, and digital tools are all designed to give you lasting, confident control over your system.

SMART OPERATIONS

POMA E-PILOT

ASSISTED OPERATION, ENHANCED PERFORMANCE

Developed by POMA and refined since 2018 in both mountain and urban environments, **E-Pilot** is a cutting-edge assistance system built on valuable operator feedback. It combines **remote supervision with advanced safety features**, and integrates seamlessly into all station configurations. It can be installed on **new or existing systems**.

E-Pilot is designed to **support operators** with their monitoring tasks, allowing them to focus on essential activities such as welcoming passengers or light maintenance near the installation. A dedicated intervention team remains available for targeted checks.

As a **control interface**, E-Pilot manages operational safety through high-precision monitoring tools and technical enhancements. **Simple, robust and reliable**, it meets the technical and organizational needs of modern ropeway operations, improving availability, safety, and service quality.



INTELLIGENT MONITORING & PREDICTIVE MAINTENANCE

To **maximize availability** and optimize maintenance, POMA leverages its extensive expertise to deliver cutting-edge monitoring solutions.

Vibration analysis on DirectDrive and sheaves enables precise predictive maintenance, reducing downtime and extending component lifespan. A standardized data acquisition system ensures continuous tracking of key parameters and proactive diagnostics.

POMA's **rope monitoring** system combines real-time asset surveillance. Fully integrated into the installation, it provides continuous health assessments without disrupting the operations.

AI-powered visual analysis complements regulatory magnetic inspections, enhancing defect detection accuracy. By eliminating the need for additional equipment, it simplifies inspections, strengthens safety and ergonomics for operators, and guarantees long-term rope integrity.

With these innovations, POMA sets new standards in **predictive maintenance**, ensuring maximum efficiency, safety, and system availability.



SIVAO

ELEVATING OPERATIONS WITH SMART ASSISTANCE

The SIVAO solutions offered by POMA redefine lift operations by seamlessly integrating intelligent assistance. Through advanced image processing and Artificial Intelligence, SIVAO cabins and chairlifts enhance safety, optimize efficiency, and support operators in real time.

SIVAO Cabins ensure precise passenger counting, detection of children and persons with reduced mobility, and real-time monitoring of vehicle occupancy, while predictive maintenance and evacuation assistance boost overall reliability.

SIVAO Chairlifts improves boarding safety through automated alerts, passenger detection, and flow management, ensuring smooth and secure operations.

By complementing human expertise, SIVAO provides operators with smarter decision-making tools, delivering an enhanced and safer passenger experience.

ECODRIVE

SMART SPEED, MAXIMUM EFFICIENCY

POMA's ECODRIVE intelligently adjusts the ropeway speed based on real-time passenger flow analysis, **reducing energy consumption, minimizing wear, and enhancing operational efficiency** without compromising comfort for users.

Available in two modes—torque-based or queue-detection via smart cameras—ECODRIVE delivers smooth, nearly imperceptible speed variations for a seamless passenger experience. Proven since 2018 and now standard on all new LIFE installations, ECODRIVE reflects POMA's dedication to **sustainability, performance, and smart mobility**.





SKADII

RESORT MANAGEMENT REDEFINED

Skadii is the smart way to manage resort infrastructures — whether in urban, touristic, or mountain environments.

This **digital ecosystem** increases efficiency, clarity, and control by centralizing all hardware, software, and operational data into a single, intuitive workspace.

As an **open and modular platform**, it integrates seamlessly with third-party systems, enabling real-time data exchange and streamlined collaboration.

This **innovative digital** platform remotely supervises fleets of aerial lifts and provides **advanced data analysis** accessible from any device. It also connects to applications such as UPILOT®, a training simulator, and COPILOT®, which gives instant access to all technical documentation.

Already used by over 500 operators worldwide, Skadii is continuously enhanced with user feedback, transforming **infrastructure management** with intelligent automation and operational agility.



LIFE

LARGE IMPACT FOR EFFICIENCY

The background of the image is a solid dark teal color. Overlaid on this are several sets of thin, light blue lines that form a series of overlapping, wavy, and curved patterns. These lines originate from the left side and sweep across the frame towards the right, creating a sense of motion and depth. The lines are most concentrated in the lower half of the image, where they form a dense, grid-like mesh in some areas before dispersing again.

POMA