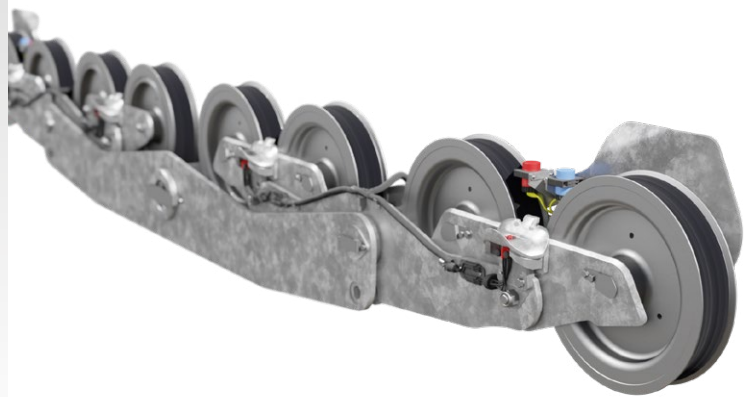




# Endurance® Roller Battery

Endurance® is the new range of innovative roller batteries designed to have a low environmental impact while improving the safety of operating and maintenance teams.



**Special inspections** at the tower head, no disassembly

**No. 1 in roller batteries** in terms of load per roller

**5 patents**

In operation **since 2019**

Unrivalled **durability**

Hinges mainly **grease-free**

**Fewer rollers** and even fewer towers

Greater **safety**

ENDURANCE® is an innovative roller battery that is available in a wide range of line supports (Support, Compression, Mixed) to meet the exact needs of the installation.

It is the result of several years of research and development, and its unrivalled technical and environmental performance has been validated in the field since 2019.

Operation and maintenance are optimised for greater durability and operator safety.



Raw materials



Eco-design



Environmental Performance



Product Performance



Safety Performance



Compatible with new and existing ropeways

FEATURES & BENEFITS



► **Unrivalled performance**

- Biggest load per roller on the market
- More compact roller battery and optimised weight
- Patented elastic hinge solution
- Fewer vibrations
- Greater durability, no wear caused by friction on elastic hinges
- Suitable for an operating speed of 7 m/s
- Compatible with ropes up to 64 mm wide

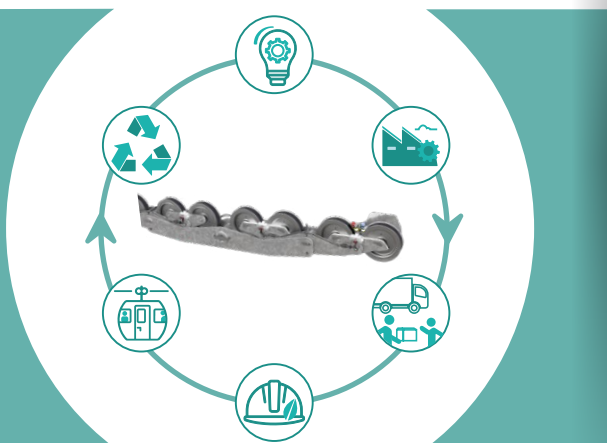
► **Operation and maintenance gains**

- Checks directly on towers during special inspections
- Fewer maintenance operations
- Reduced operating and maintenance times and costs

► **Greater safety**

- Patented axle safety and redundancy systems
- Better rope stability when windy
- Near-instant detection of roller blockages

ENVIRONMENT



- French design by POMA
- Optimised line structures
- Roller battery manufactured and pre-assembled in Europe
- Elastic hinges made in France
- Easy assembly thanks to the design (derailment protection integrated into the B2 beams)
- Less weight to transport for a complete line, fewer CO<sub>2</sub> emissions
- Lower energy consumption by the device
- Greater durability, drastically reduced lubrication thanks to elastic hinges
- 1 tonne of grease avoided over 70,000 hours for a 15-tower line
- Fewer major disassembly and reassembly operations, meaning a smaller environmental impact