

ECODRIVE



The ECODRIVE mode reduces wear and tear and energy consumption by automatically regulating the speed of the ropeway according to the number of passengers.



Energy savings of **up to 20%***

Up to 12 tonnes of CO₂ avoided per year for one chairlift*

Configurable by the operator

Comfort on the line

Optimised carrier occupancies

Better availability of operators

2 modes of operation

Proven solution since 2018

Installed as standard on all new systems



Integrated into the ropeway operating room, EcoDRIVE mode automatically regulates the speed of the system: when there are fewer passengers, the speed is reduced.

The setting is determined so as to ensure the comfort of passengers on the line, and an acceptable waiting time.

For the operator, this limits wear and generates significant energy savings.



Product Performance



Use



Environmental Performance



Compatible with new and existing ropeways

*Compared with an equivalent chairlift not equipped with ECODRIVE

FEATURES & BENEFITS



► ECODRIVE operates in 2 modes:

- Based on the motor torque: representative of the number of passengers on the line
- Based on the queue: this mode uses a smart camera for even more energy savings (optional)

The speed varies gradually, making the change almost imperceptible to passengers on the line.

ECODRIVE is accessible via the PLC user interface at the base of the machine. It provides information on the number of passengers in the queue, the carrier occupancy rate, and the energy savings achieved. Operators can take over operating any time and set the activation periods (speed and frequency) to suit their needs. All the statistical data available for monitoring energy consumption can be viewed via the SKADII digital portal.

ECODRIVE is a communication tool designed to help users reduce energy consumption and their environmental impact more generally.

ENVIRONMENT



- Designed and manufactured by SEMER
- Energy savings thanks to automatic speed adaptation based on passenger waiting time: a speed reduction of 1 m/s means electricity savings of up to 20%, which equates to up to 12 tonnes fewer CO₂ emissions per year for one chairlift
- Greater component durability thanks to reduced wear and tear at lower speeds, which also reduces the need for maintenance