

INTELIS

100% ELECTRICAL, SMART AND FULLY SCALABLE, OUR CONVEYOR RANGE - INTELIS - IS CONNECTED ON SITE, WITH NO PRIOR CONFIGURATION. THE 'PLUG AND PLAY' PRINCIPLE IN PRACTICE!



A REVOLUTION IN LIGHT LOAD HANDLING!

Smart, scalable, quick to install and connect, high performance from an energy point of view... The advantages of INTELIS are in place!

Entirely developed by SAVOYE, this new generation conveyor range is intended for handling light loads (up to 32 kg).

FULLY SCALABLE PLUG AND PLAY ARCHITECTURE

INTELIS is made up of various standard elements, 100% independent which are connected directly on site in 'plug and play' mode.

Each element has its own mechanical structures, electrical distribution and control unit: it is delivered ready to be installed and interconnected. The different components – straights, curves, 45° or 90° transfers – can cover all your handling needs including launch, picking stations, dispatch sorting and more.

SMART CONVEYORS WHICH ADAPT TO YOUR WORKLOAD

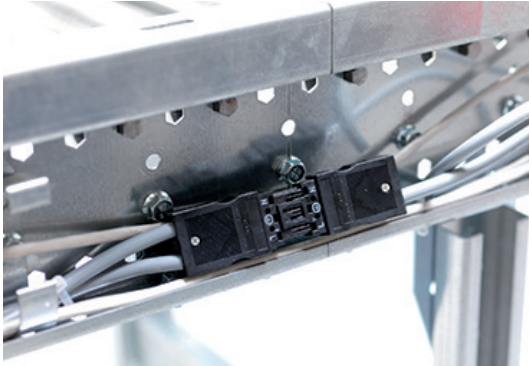
No need for prior configuration or programmable PLCs. Conveyor control is completely independent.

Each element has an individual electronic card. The latter will allow each element to adapt its behaviour in accordance with its own parameterisation. Furthermore, **each section of INTELIS will adapt itself to the flow to be conveyed and to the activity volume.**

The items are capable of accelerating automatically to catch upstream loads and thus smooth the flow of packages. **They can also accumulate boxes in a defined zone,** without pressure and without disrupting the flows. This offers increased fluidity and an increased ability to react in the event of an incident on the line.



INTELIS



MAIN ECO-DESIGN CHARACTERISTICS

Raw materials

- Small number of components
- Small number of parts
- Reduction of CO₂ -equivalent emissions from raw materials

Use

- 100% electric energy
- Motors shut off when not in use
- Energy recovery from motor roller brakes
- Current peaks are limited by restricting the number of spontaneous start-ups of motors from the same conveyor segment
- Reduction of noise levels in the work environment

Recycling

- Recyclability rate of more than 75%

INSTALLATION, RECONFIGURATION, RE-USE: SIMPLICITY AT EACH STAGE OF ITS LIFECYCLE

INTELIS responds to an essential requirement for the customer: having a system which is operational as quickly as possible! **Installation time is reduced by approximately 40% compared to other similar types of solution.** This time saving is partly due to its innovative mechanical design. INTELIS is manufactured with a reduced number of components. All the connectors, cables etc. are directly integrated into the rails, ready to be connected.

From its implementation, each element can thus be tested. Even when the line's configuration has changed, the card's parameterisation can be easily modified, at any time and remotely. Finally, if the installation is extended or the site moves, all the components can be re-integrated whatever the new configuration. **The installation can develop quickly and easily according to the requirements, activity peaks and warehouse configuration.** It can also be connected to conveyors from the previous generation.

HIGH PERFORMANCE AND ENERGY SAVING

No more compressed air supply: INTELIS is **100% electric**, with motors directly integrated in the rollers. This innovation enables significant energy savings, thanks to the Stop and Start principle. **When the conveyors are not in use, the motors stop automatically:** only the elements that have to work run. As the charge progresses, the modules start up and switch off successively. This also greatly reduces the noise generated by an installation!

INTELIS also offers eco mode operation. If the activity level is properly controlled and there is no risk of saturation, this allows conveying without acceleration and automatic energy recovery on braking.

EASY DAY-TO-DAY MAINTENANCE

An electronic card to change, an electrical box to replace: **all these operations are easily carried out.**

Electronic cards are configured in three turns of a screwdriver and a remote transfer or using an SD memory card.

Finally, because of the limited number of components required for their design and operation, the conveyors enable you to reduce the spare parts stock and take advantage of the space.

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