

PRESS RELEASE

Romagnat, the 12th of January 2023

EFFIDENCE and DEGRENNÉ, responsible companies active in the implementation of efficient & ergonomic solutions and in the improvement of working conditions

- **A fleet of robots with double conveyors to increase warehouse performance tenfold**
- **Ergonomic AMRs, designed and engineered for operator well-being**

A fleet of 6 AMRs deployed across DEGRENNÉ's warehouse

A fleet of robots with double conveyors has recently been installed in DEGRENNÉ's warehouse in VIRE. This implementation follows an earlier conveyor interconnection project in 2021 with EFFIDENCE and [BOA CONCEPT](#). Here, the scope of the automation is increased tenfold, to meet the needs of transferring bins and preparing orders. Thus, 6 [EffiBOT](#) with [Convey-LINK](#) motorized roller accessory, move in perfect cohesion and move their load safely. Like the first EffiBOT, three light barriers on the Convey-LINK ensure the presence of the package and its position on the accessory. When the robot is then precisely positioned in front of the fixed conveyor for the transfer of parcels, the rollers will be triggered simultaneously as soon as the parcel crosses the virtual safety barrier. As a reminder, infrared communication, via the LINK box, ensures the safety of the transfer.

Ergonomics and occupational health as priorities in the development and implementation of the solution

The first aim of this complete solution was to improve the working conditions of the operators, particularly in their order picking tasks. Traditionally, the logistics team had to push a table carrying their parcels (up to 80 kg) through the picking circuit and onto the parcel closing conveyor, and then move them manually onto the parcel closing conveyor at the end of the order preparation process. After studying the logistics of its warehouse, DEGRENNÉ's team called on the French company, expert in mobile and autonomous robotics.

The EffiBOT robots stand out for their adaptability, with their double conveyors. They offer optimal pick-up capacity, while avoiding unnecessary effort for team members, particularly with the use of the "Follow-me" mode.

To improve ergonomics and further relieve the operator, a receptacle completes the structure of the robots in order to store accessories, supplies and tools during movements. Also equipped with an automatic unhooking system, the [Hook-A](#), the robots' path is automated from A to Z to save time and improve productivity, while relieving the operators of the non-value-added task of moving around.

Peggy Moreau, Director of flows and logistics performances at DEGRENNÉ, states: *"The EffiBOT were quickly adopted by the logistics team as soon as they arrived. They allow better working conditions, the elimination of non-value-added movements by team members, as well as the productivity generated by working differently.*

The staff would not go back. Our EffiBOT are now part of our company; a competition was also set up to give them names. Effidence has been very professional, present and responsive in supporting us in the construction and implementation of this project."



Photo credit: EFFIDENCE and DEGRENNE, 2022



See the robots in action

About EFFIDENCE

EFFIDENCE provides innovative robotic solutions to optimize intralogistics flows and order picking applications for industrial and logistics actors. Founded in 2009 by Cédric TESSIER, EFFIDENCE offers agile and efficient robotic solutions that adapt to the needs of its customers and their growth: collaborative "follow-me" and autonomous robots to work with or near humans; standalone robots or cooperating in swarm-type fleets. In 2020, EFFIDENCE signed a strategic partnership with the MANITOU group to distribute EffiBOT robots in Europe, and to market MANITOU warehouse trucks (stacker, tractor, order picker, etc.) robotised with EFFIDENCE technology.

About DEGRENNE

DEGRENNE has been inspiring tableware since 1948, with a complete range of products from kitchenware to lifestyle. Each year, the group sells more than 35 million items to private individuals and professionals, produced in its historic factory in Vire (Normandy) and at its sites in Limoges and Alföld (Hungary). Distributed in more than 85 countries, it has around twenty of its own shops and almost 40 DEGRENNE corners in France. The group employs 650 people, including over 450 in France.

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