

ADVANCED TECHNOLOGIES

**FLEEXEE**

**AUTONOMOUS  
MOBILE ROBOT**



**MOBILE ROBOTICS APPLIED TO LOGISTICS**

 **SAVOYE**

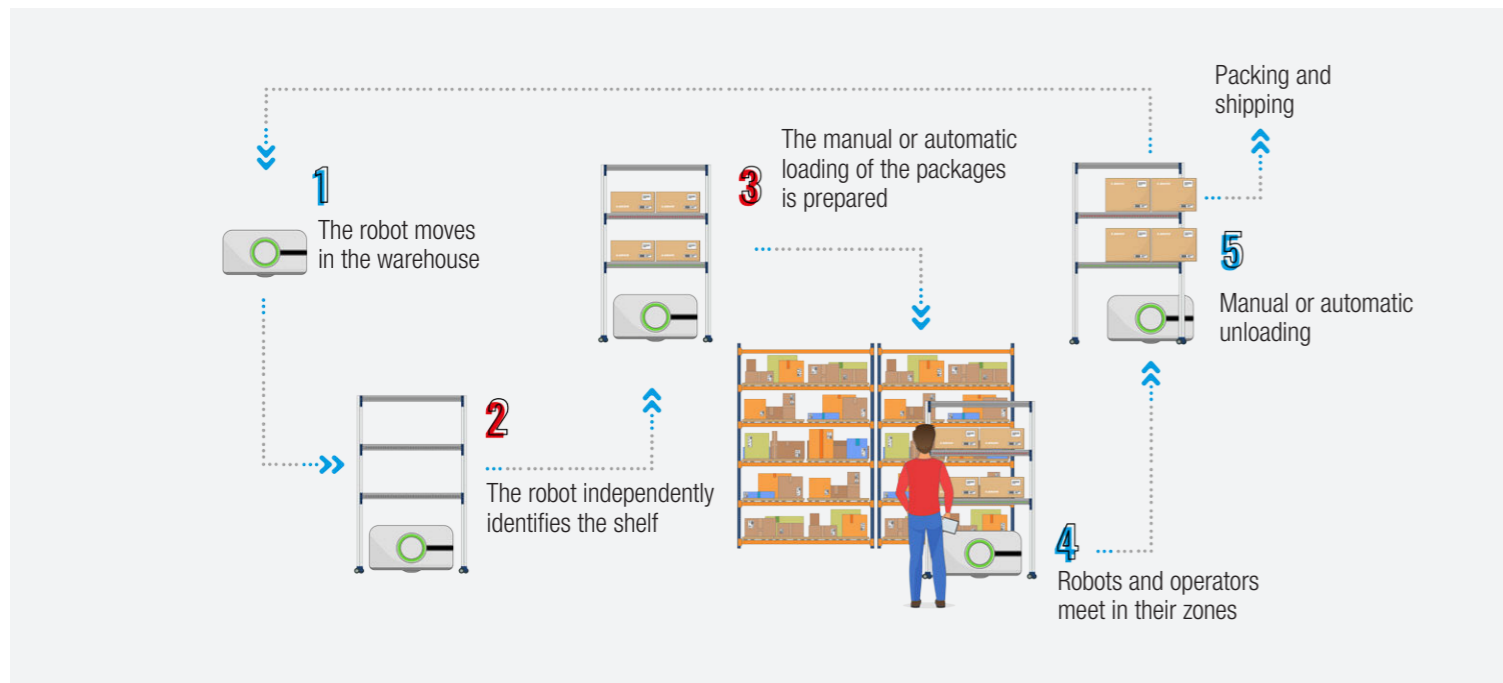
SAVOYE's mobile robot solution, FLEEXEE, is a flexible and cost-effective alternative to manual processes. It has been designed for jobs requiring permanent adaptability and flexibility in the face of a constantly changing market as well as wanting to reduce the difficult conditions of operators' work.

### OPERATION

The mobile robots move independently, transporting parcels and items to different areas of the warehouse, freeing up the operators:

- routes between the launch area, picking area and packing area
- the difficulty of forklift handling activities

The operators remain in their picking area and therefore spend a maximal amount of time on high-value operations. SAVOYE's mobile robot solution, FLEEXEE, can be used as a stand-alone solution, natively interfaced with SAVOYE's WMS and WCS software, or to accompany an automated system. The operating mode is very simple and completely intuitive for operators.



### THE MAIN USAGE CASE

#### Pick&Pack multi-package preparation

The operators stay in their picking areas, the robots move to make up the orders.

In multi-package preparation mode, the SAVOYE rack can carry up to four packages of 600 x 400 mm (80 kg maximum) on two levels, and has an ergonomic HMI set consisting of a screen, LED strips and validation buttons (SAVOYE proprietary technology). The control system assigns tasks to robots and operators in real time, to synchronise appointments and minimise waiting times.

### OTHER USE CASES

- Pick then Pack
- Restocking
- Returns management

## BENEFITS

### FOR THE OPERATOR

#### Handling is done by the robot

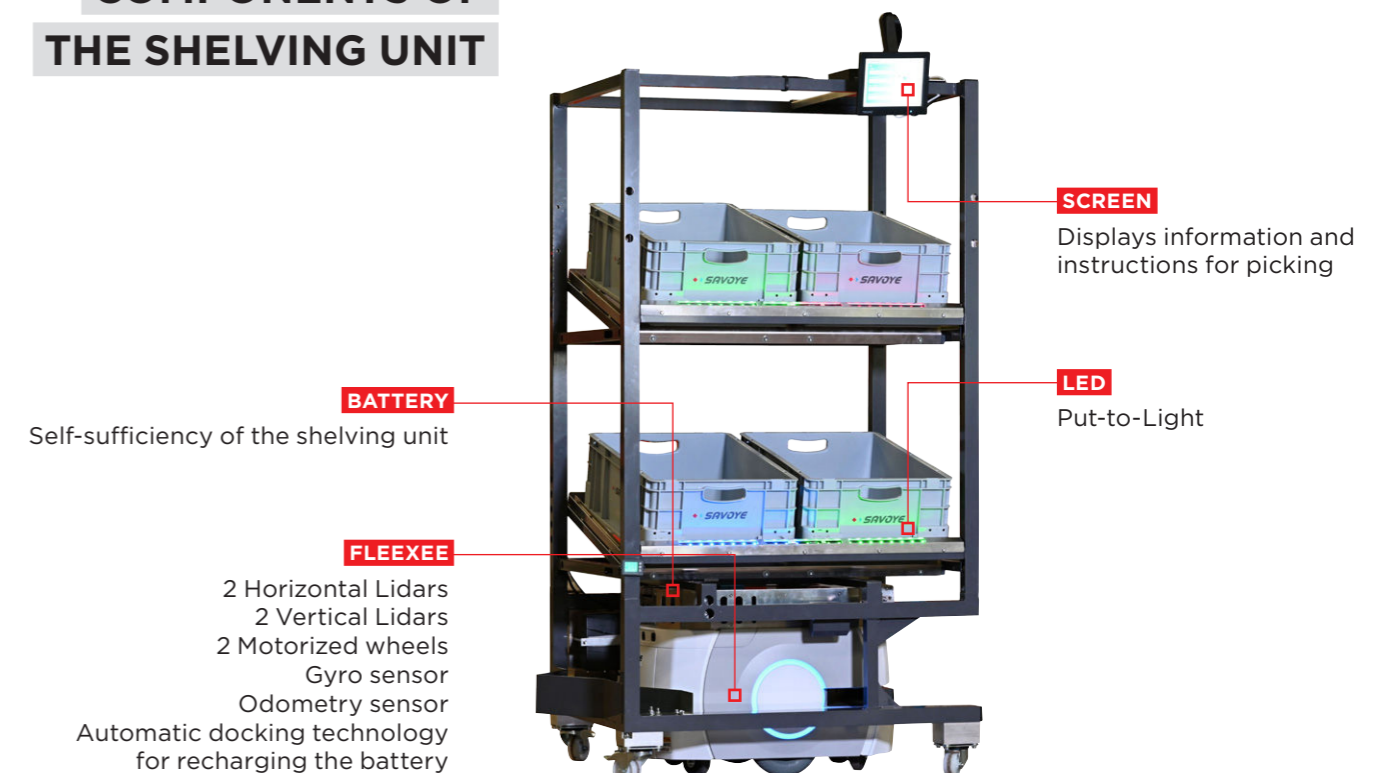
- Increased productivity**  
The operator focuses on higher value tasks such as picking or quality control tasks
- Reduction of TMSs**  
The operator does not have any handling tasks
- The robots operate safely**  
The robots, which comply with the latest standards, have four lidars and collision avoidance technology

### FOR THE USER

#### Little physical installation

- Low installation cost**  
Available in acquisition and RaaS (robot as a service) modes
- Rapid deployment**  
No construction on site  
Can be deployed in existing aisles
- Scalability**  
Adapt the number of robots and shelves as the company's needs change to adapt to growth or seasonality  
Easy reconfiguration in case of relocation/expansion of the picking area

## COMPONENTS OF THE SHELVING UNIT



# SAVOYE: BEST IN CLASS AUTOMATION FOR YOUR LOGISTICS AND SUPPLY CHAIN NEEDS

## ADVANCED TECHNOLOGIES

### Order preparation of light loads

X-PTS Goods-to-Person solution, smart conveyors, high-speed sorting systems, robotics

### Automation of shipping packaging

JIVARO, e-JIVARO, PAC 600, lidding, cardboard wedging

### Automated storage of heavy loads

MAGMATIC

## ADVANCED SOFTWARE

### Warehouse management and flows control

OMS, WMS, WCS, TMS, EDI



## KEY MARKETS - SPECIFIC EXPERTISE

SAVOYE operates in key business sectors and has specific expertise in each area.

The SAVOYE service offer is built on high-level “profession-specific” expertise. We provide tailor-made solutions for every type of logistics warehouse, from the simplest to the most complex layouts.

**Retail logistics:** 3PLs, specialist distribution

**Multi-channel logistics:** retail, e-commerce, mail-order

**Industrial logistics:** food, health and pharmaceutical industry, industrial supplies

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