01 The Scallog® concept

Scallog® designs and manufactures a comprehensive Robotics & Software solution to automate distribution platforms for e-commerce, retail, and industrial sectors.

Scallog® makes your storage areas flexible & boosts the preparation flow of the orders your received.

E-commerce // Retail // Industry
02 The mobile robot
ROBUST AND DYNAMIC

- Speed: 1.5 m/s empty, 1.2 m/s loaded
- Lifting capacity: 600 kg
- Autonomy: 14 hours
- Return to base / Charge: Automatic
- Charge time: 2 hours 30 mins
- Battery: Lithium ION NCM

Navigation with optical sensor and adhesive floor strips

03 The workstation
EFFICIENT & ERGONOMIC

- Productivity: 450 to 600 picks/hour
- 10 to 100 orders prepared simultaneously
- “Put-to-light” system interface
- Ergonomic workstation

A light pointer shows to the operator which products to pick
Several orders can be prepared at the same time
An anti-fatigue mat and a step stool reduce work strain
The Scallog® System is touch-screen controlled

04 The shelves
STANDARD & SCALABLE

- Dimensions:
  - Depth: 800 mm
  - Length: 1000 to 1200 mm
  - Height: 2200 to 2500 mm
  - Weight capacity: 150 kg per level
  - Total weight capacity: 530 kg

Cosmetics
Textiles
Shoes
Spare parts
Pharmacy
Electronics
...

CREATE YOUR OWN STORAGE CONFIGURATION

Speed: 1.5 m/s empty, 1.2 m/s loaded
Lifting capacity: 600 kg
Autonomy: 14 hours
Return to base / Charge: Automatic
Charge time: 2 hours 30 mins
Battery: Lithium ION NCM
05 Scallog SYSTEM™
INNOVATION FOR ENHANCED PERFORMANCE

Scallog WCS®
LOGISTICS & ORDER MANAGEMENT
- Organisation of order preparation
- Optimisation of product storage
- Guaranteed efficiency of Scallog® zone management

Scallog MAS®
ROBOT COORDINATION & OPTIMISATION
- Centralized coordination of the fleet of robots
- Optimisation of robot’s paths based on powerful algorithms
- Real time task distribution