Effidence

Intelligent Mobile Robots

MANITOU

HANDLING YOUR WORLD

Effidence

Intelligent Mobile Robots

2020 : Strategic partnership

Designing a new generation of warehouse automation systems
and equipment for the automation of logistics warehouses
and factory automation.

RENAULT DHL RHENUS LOGISTICS GSF VOLVO

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Pioneer and leader in collaborative & autonomous robotics

EffiBOT, multitask AMR

MADE IN FRANCE

MANITOU HANDLING YOUR WORLD

Since 2009, Effidence is specialized in robotics for logistics and industry.
With its multidisciplinary team, the Auvergne company deploys its expertise and asserts itself as a reference in the optimization of flows.
The company is exported throughout the world to automate warehouses in Europe, Asia and on the American continent.

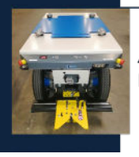
4 steering wheels
2 or 4 driving wheels
Payload: **300 kg**
Traction capacity: **500 kg**
Maximum speed: **7 km/h**
Battery autonomy: **8 h**
Weight: **130 kg**
Communication: **WiFi**

The EffiBOT autonomous mobile robot has made Effidence famous.

Single-track trailers
Shaped Trailers

Mobile conveyors
Convey-LINK / Convey-DROP

Gripping system
3D-CartGRIP



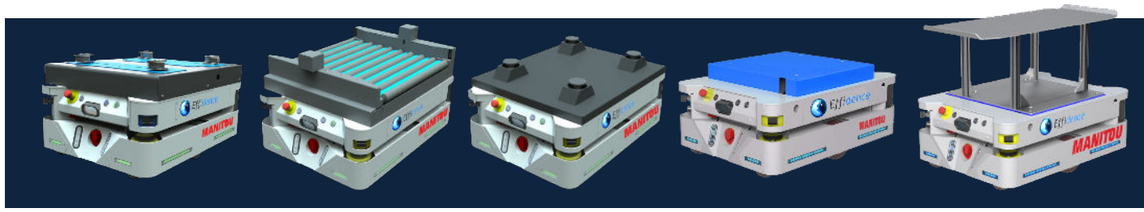
Automatic release
Hook-A

Range of robotic solutions

Our range :

- EffiBOT-XS ; carries, conveys and grips your loads up to **300 kg**
- EffiBOT-T ; tows your loads up to **6 T**
- EffiBOT-P ; carries and transports your pallets up to **1.6 T**
- EffiBOT-PF ; coming soon : carries and conveys your pallets up to **1.6 T**

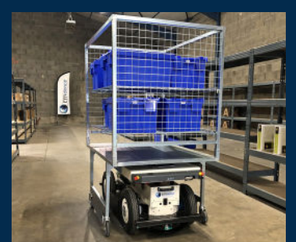
EffiBOT-XS *EffiBOT* *EffiBOT-T* *EffiBOT-P*



3D-CartGRIP XS | Convey-LINK XS | Lift-XS | Lift-XS | Lift-XS

Use cases

Order picking



Parts conveying

Line-side supply

Towing or logistics train

Your benefits

Functions common to our AMRs, (Autonomous Mobile Robots) :
«Follow-me»: people tracking.

- Reduction of tedious, physical efforts with low added value

Autonomous

- Saves time and productivity
- Flexibility and adaptation to your process
- Optimisation of the whole logistics process
- Reduction of repetitive tasks for operators

Fleet coordination

The FCS, (Fleet Coordination System) is a computer server that coordinates the traffic of a fleet of robots and interfaces with external systems:

- ERP, WMS/WCS,
- signalling,
- industrial machines,
- remote screens and consoles...

Environment mapping

Ergonomic software that maps the robot's environment.

Training is available to make you autonomous: modify your picking zones, storage areas or scenarios as you wish.

** All our solutions are customisable according to the customer's process.*