

GiboSmartSolutions

GiboMove

Gibotech's mobile robot solutions are based on recognized brands, well-known technology and experience from previous projects. Here we have used Omron's AMR (autonomous mobile robot) designed to increase productivity in all kinds of businesses. The fleet management from Omron can handle up to 100 mobile robots



Robot

1 Omron LD-60



Conveyor

5 customized roller conveyors for pick-up/drop-off



Navigation

Scans the environment for safe navigation



Installation

Incl. Installation, commissioning and operator training



CE documentation

Complete documentation of AMR and roller conveyors



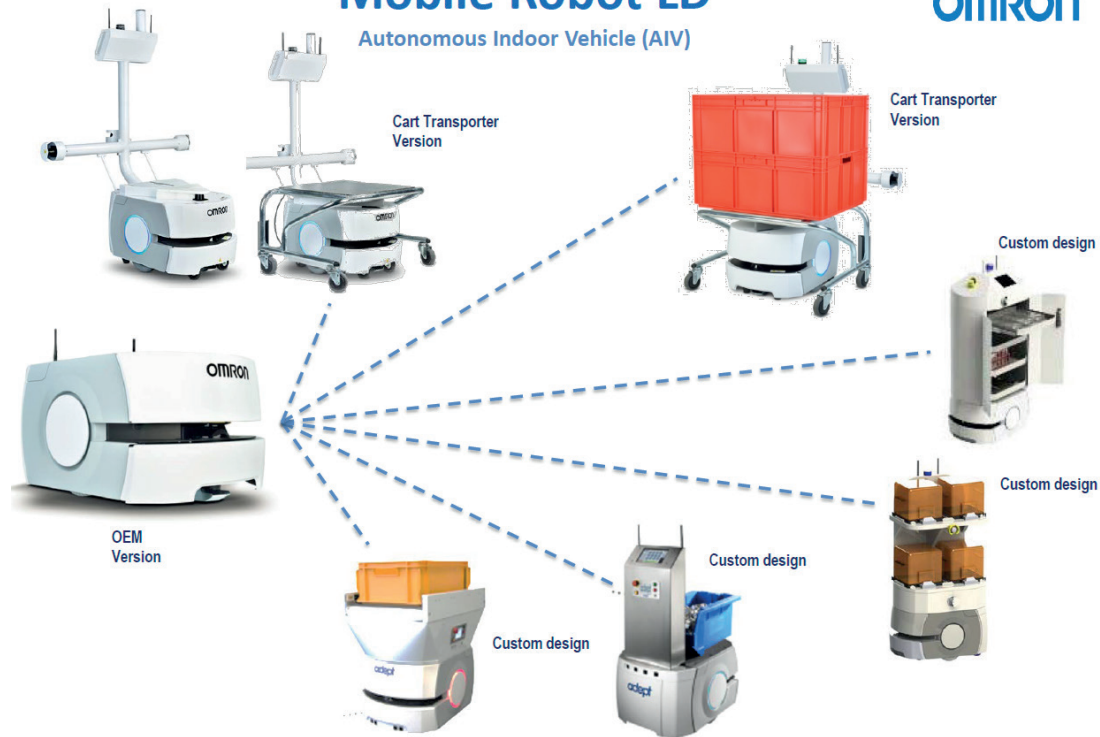
ADVANTAGES

- Customized solution for your production
- Quick and easy to install
- Simple to operate
- Higher efficiency
- Improved competitiveness
- Reducing manual work
- Greater job satisfaction for increased productivity

Mobile Robot LD

Autonomous Indoor Vehicle (AIV)

OMRON



INCLUDED

- 1 mobile robot, Omron LD-60
- Customer-specific roller coaster top for robot
- 5 pcs. customer-specific pick-up/drop-off roller track stations
- Electrical cabinets and all necessary electrical components
- Installation and commissioning at Gibotech with FAT test
- Installation and commissioning at the customer with SAT test
- Complete documentation package incl. CE documentation

Options:

Larger mobile robot, that may transport heavier boxes

- Omron LD-250
- Omron HD-1500

FUNCTIONALITY

GiboMove is designed to remove manual internal transportation of boxes and with the solution, the customer gets a 100% automated internal cardboard box transport flow.

GiboMove can be tailored to the customer's wishes and needs.

In this solution there is a roller conveyor on top of the robot, and if you have any other wishes, Gibotech will implement them.

The basic version of the solution shown is 1 mobile robot, transporting boxes from 4 production lines to storage, from inventory to production lines.

If there is a need to move heavier boxes, Omron's mobile robots are available in several sizes that can transport up to 1500 kg.