

AGV By Isitec



ADVANTAGES

STAFF OPTIMIZATION

ROI BETWEEN 6 AND 12 MONTHS

ROBUST

SIMPLE AND EFFECTIVE TECHNOLOGY

SCALABLE SYSTEM

Lean oriented
since 2002
Isitec
International

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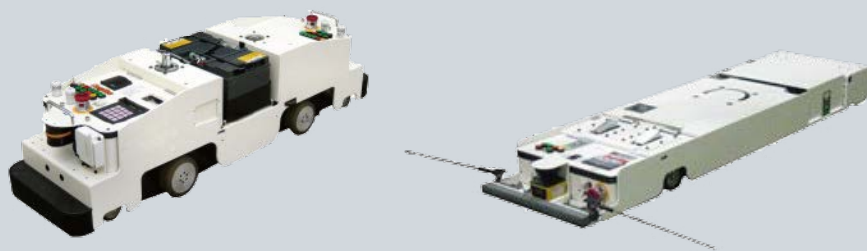
www.isitec-international.com

AGV (AUTOMATED GUIDED VEHICLE)

The AGV is an autonomous vehicle for the industrial applications, dedicated to the automation and optimisation of the flows. It interacts and collaborates with workers in order to lighten repetitive tasks representing no concrete added-value.

There are several types of AGV depending on the tasks to be carried out: AGV shooter, crawling AGV, AGV train, AGV carrier. The technology used by ISITEC International is simple, efficient, robust and easily scalable to the company changes. The BTA is a substitute of forklift drivers or in some cases for conveyors. Quick Return-on-Investment

Controlled by WCS ISIPICK, the AGV solution - provided by ISITEC International - will allow you not only to connect your AGV to your WMS / ERP system but also to all your other support tools for production or order picking.



A wide range to fit all your needs



TECHNOLOGY

- MAGNETIC TAPE GUIDE, SIMPLE EFFICIENT AND EVOLVING
- 200 PROGRAMS BY AGV
- INTERCHANGEABLE BATTERIES WITHOUT EFFORT: 8'4AH / 5H 102AH / 20H, 2X12 UDC => 24UDC
- ANTI-COLLISION SYSTEM VIA BUMPER AND SCRUTATEUR
- AVAILABLE IN VERSION 400/750 OR 1000KG



AGU SHOOTER

Simple and effective technology of "karakuri"

The AGV shooter will load and unload automatically the containers (boxes, carton cases, pallets...) by a gravity system. This solution the said "karakuri" in Japanese presents the advantage of being 100% mechanical, and it reduces therefore the automation costs.



CRAWLING AGV

Ideal for use in confined areas.

Widely used in the automotive industry and now by the big market places, the crawling AGV will pass under the cart or the roller furniture to be carried, then will hook it by a system of "pin hook" in order to convey it. The objective of the crawling AGV is to optimise its length with its cart and thus to be able to pass into more confined spaces.



AGU TRAIN

Optimise the movements of your AGV

Very common in the industry, the AGV train, as its name suggests, will serve as a locomotive to take charge of the wagons (one or more) from one station to another. Equipped with an LED pointer, the AGV train make it possible to carry out dynamic Pick and Put to light. A true revolution.



AGU CARRIER

The AGV of the factory of the future

The AGV carrier will replace the "old world" conveyor systems. In Industry 4.0, the AGV carrier will simplify the installations and make them more scalable.

No more fixed installation by rigid infrastructures, bring the LEAN management to your inventory with the AGV carrier.