

AGV

AUTOMATED GUIDED VEHICLE

INTRALOGISTICS AND SUPPLY CHAIN



PiBRn

PIBRA... IN MOTION!

Welcome to PIBRA logistics automation system!

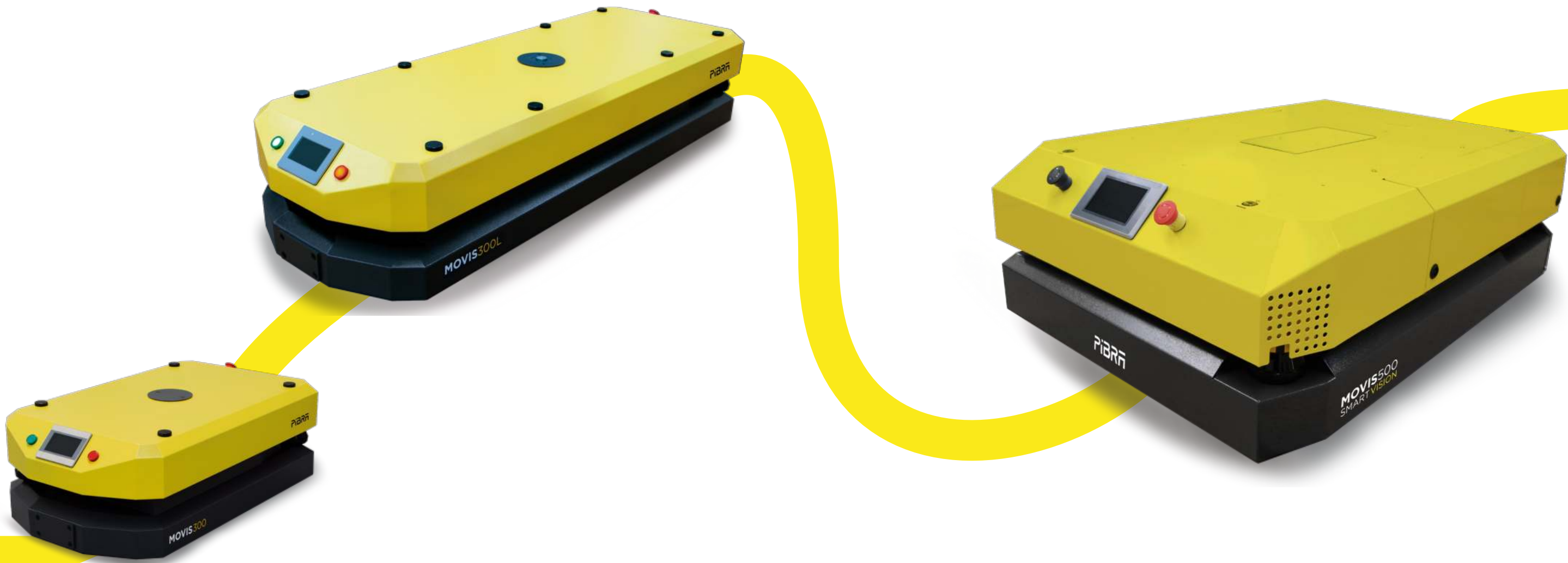
AGV (Automated Guided Vehicle) is an intralogistics material and production support conveying system. Its flexibility and sustainability are critical for the right balancing between automation and manual activities, as well as for the effectiveness of process organization system and TI solution management.

AGV | AUTOMATED GUIDED VEHICLE | Providing Superior AGV Systems

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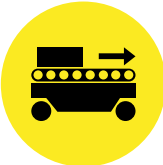
AUTOMATED GUIDED VEHICLE

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MOVIS 300/ 300L

MOVIS 500 | SMART VISION



CONVEYOR
BANDS



CUSTOMIZE YOUR
OWN
TOP MODULE



HOOK FOR
TOWING CARTS



YOUR
SOLUTIONS

TECHNICAL SPECIFICATIONS

Dimensions

545mmx975mmx325mm



INTERFACE

User friendly interface (GUI) and internet access.



USER MANAGEMENT

Possibility of use by several users.

TASK ADMINISTRATION

PIBRA specific software



WEIGHT

100 Kg (Payload).
300 Kg (Towing with the hook).



SPEED

30m/min maximum.



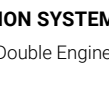
TASK MANAGEMENT

Possibility of assigning multiple tasks.



WI-FI

Wi-Fi communication.



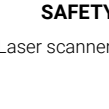
MOTION SYSTEM

Double Engine.



REPORTS AND PANELS

PIBRA software management.



SAFETY

Laser scanner.



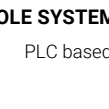
TROLLEYS

Trolleys can be customized.



SUPPORT

Worldwide.



CONTROLE SYSTEM

PLC based.



READER

By RFID.

AGV | MOVIS300L

TECHNICAL SPECIFICATIONS

Dimensions

545mmx1615nnx325mm



INTERFACE

User friendly interface (GUI) and internet access.



USER MANAGEMENT

Possibility of use by several users.

TASK ADMINISTRATION

PIBRA specific software



WEIGHT

100 Kg (Payload).
300 Kg (Towing with the hook).



TASK MANAGEMENT

Possibility of assigning multiple tasks.



MOTION SYSTEM

Double Engine.



SAFETY

Laser scanner.



TROLLEYS

Trolleys can be customized.



CONTROLE SYSTEM

PLC based.



SPEED

30m/min maximum.



WI-FI

WI-FI communication.



REPORTS AND PANELS

PIBRA software management.



BACKUPS

Automatic backups, logs and data error documentation.



SUPPORT

Worldwide.



READER

By RFID.

AGV | MOVIS500 SMARTVISION

Based in Simultaneous Location and Mapping

TECHNICAL SPECIFICATIONS

Dimensions

800mmx1200nnx375mm



INTERFACE

User friendly interface (GUI) and internet access.
Allows manual control with smartphone app.



USER MANAGEMENT

Possibility of use by several users.



TASK ADMINISTRATION

PIBRA specific software



WEIGHT

500 Kg (Payload).
350 Kg (Towing with the hook).



BATTERY

48v / 100A - Long life.



TASK MANAGEMENT

Possibility of assigning multiple tasks.



MOTION SYSTEM

Double Engine.



SAFETY

Laser scanner.



TROLLEYS

Trolleys can be customized.



CONTROLE SYSTEM

PLC based.



SMART VISION

Trackless navigation. All sensing is done onboard. Senses the environment in a live mapping. Easily be remapped and taught new destinations and goals. *Also available without this feature.

SPEED

30m/min maximum.



WI-FI

WI-FI communication.



REPORTS AND PANELS

PIBRA software management.



BACKUPS

Automatic backups, logs and data error documentation.



SUPPORT

Worldwide.



READER

By RFID.



BENEFITS



DEADLINES

Short delivery deadlines.



CUSTOMIZED SOLUTION

Customized and customized according to specifications and customer's needs.



SAFETY

Integration of radio terminals, RFID, industrial terminals and machine control.

WORKSTATIONS

Reduction of workstations with repetitive tasks.



MODULAR CONCEPT

Different machines, processes and operations.



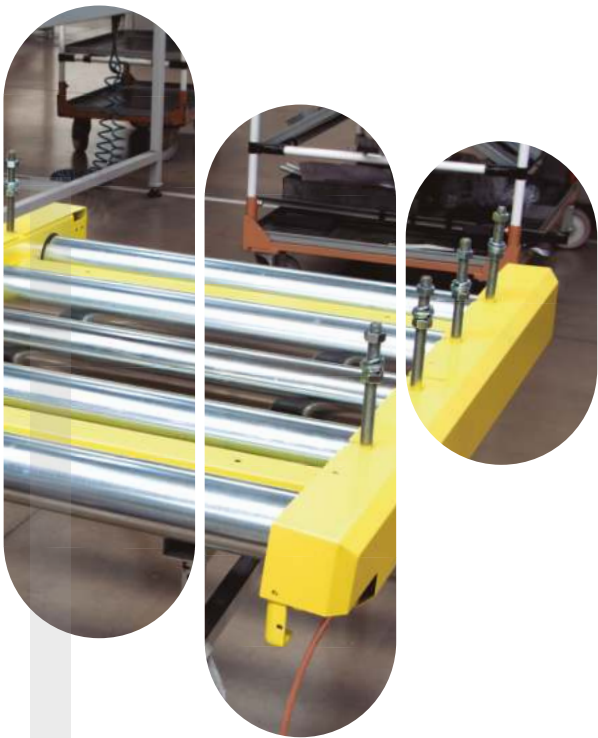
DOCUMENTATION

Full process documentation and traceability.

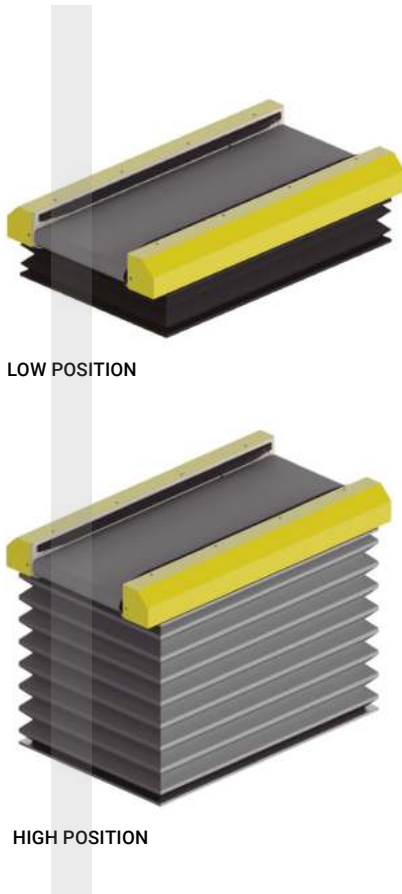


Conveyors are used to carry cargo between two distinctive locations. The use of these mechanisms increases safety and gives a better automated control. One of its main advantages is the ability to perform different tasks, allowing its users to increase the viability of their productive processes.

LIFT PLATFORM CONVEYOR



Also available with a Roller Conveyor



ROLLER CONVEYOR



Motorized Roller Conveyor - AGV



Motorized Roller Conveyor - Station

These kinds of products eliminate the need to use large conveyors whose tasks are transporting cargo from one point to another. This way it is possible to achieve a lower occupation rate of the environment it is inserted in.

PIN HOOK / TOWING TROLLEY



1 | Towing Trolley
2 | Pin Hook

INTEGRATED SOFTWARE

- AGV data selected with KPI indication
- AGV management
- Speed area definition
- Working area definition
- Working area direction definition
- Task management
- Operation management per task
- Mission management
- Task and mission assignment
- User management
- Application of working area for AGV solicitation

LOGISTICS KNOW HOW

SERVICES

Simulation as a work tool

Simulation used as a tool in initial projects and detailed planning stages allows the visualization of the flow and the system supporting the development of the best strategy and solution. This simulation enables the incorporation of movements and restraints in an actual layouts, as well as the definition and analysis of potential timings.

ERP INTEGRATION

Our AGV's are apt for the conveyance of several types of materials tailored to each client's needs. Integration with storage, transportation, assembly and logistic process systems.

- Planning and advisory
- Assembly
- Design
- Simulations
- Test and maintenance





INDUSTRIAL SOLUTIONS

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