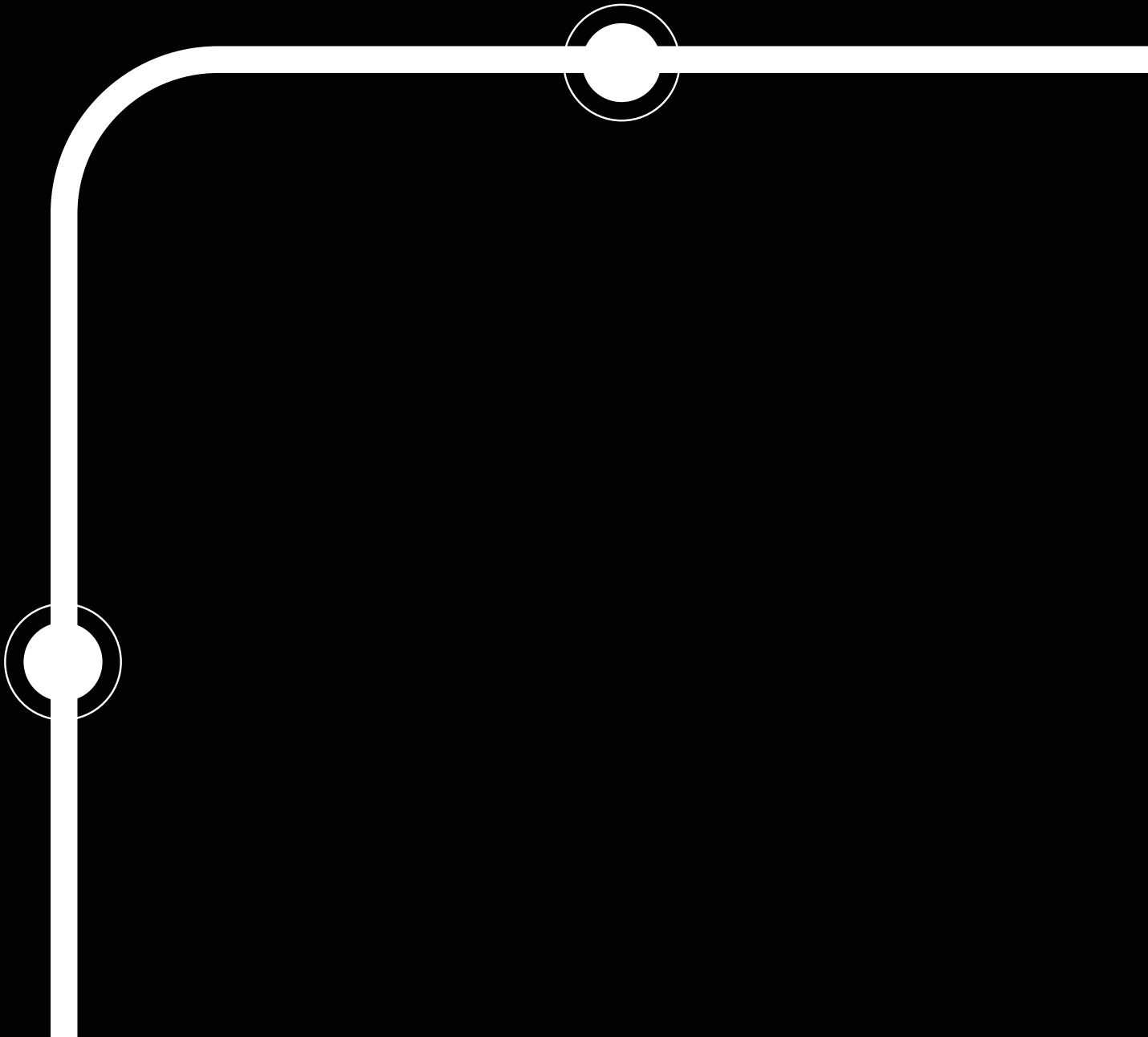


AGV

AUTOMATED GUIDED VEHICLE
INTRALOGISTICS AND SUPPLY CHAIN



PINTO BRASIL

PINTO BRASIL IN MOTION

DIFFERENT SOLUTIONS

Welcome to Pinto Brasil 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.



CONVEYOR BANDS



CUSTOMIZE YOUR OWN TOP MODULE



HOOK FOR TOWING CARTS

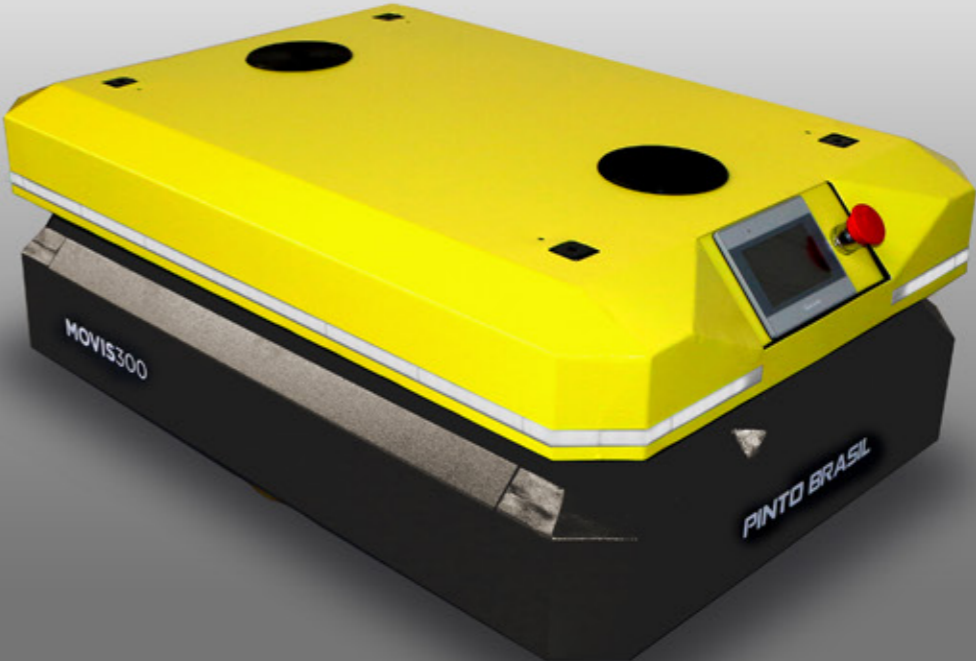


YOUR SOLUTIONS

AGV MOVIS500 SMARTVISION



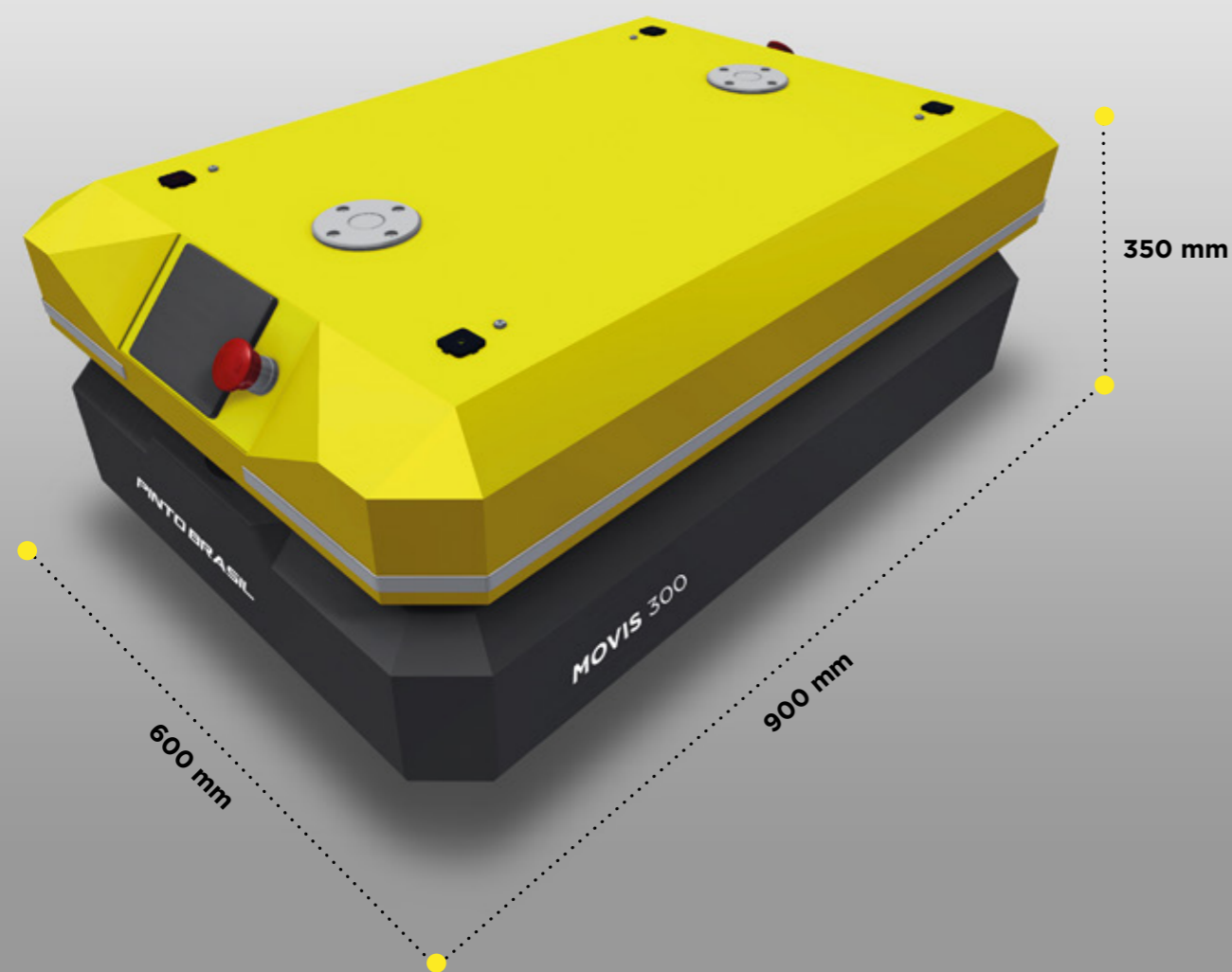
AGV MOVIS300



*Providing Superior
AGV Systems*

AGV

MOVIS300



TECHNICAL SPECIFICATIONS

TASK ADMINISTRATION

Pinto Brasil Specific software.



INTERFACE

User friendly interface (GUI) and internet access.



USER MANAGEMENT

Possibility of use by several users.



TASK MANAGEMENT

Possibility of assigning multiple tasks.



REPORTS AND PANELS

Pinto Brasil software management.



BACKUPS

Automatic backups, logs and data error documentation.



SUPPORT

Worldwide.



MOTION SYSTEM

Double Engine.



WEIGHT

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



SPEED

30 m/min maximum.



WI-FI

Wi-Fi communication.



SAFETY

Laser scanner.



TROLLEYS

Trolleys can be customized.



CONTROLE SYSTEM

PLC based.



READER

By RFID.

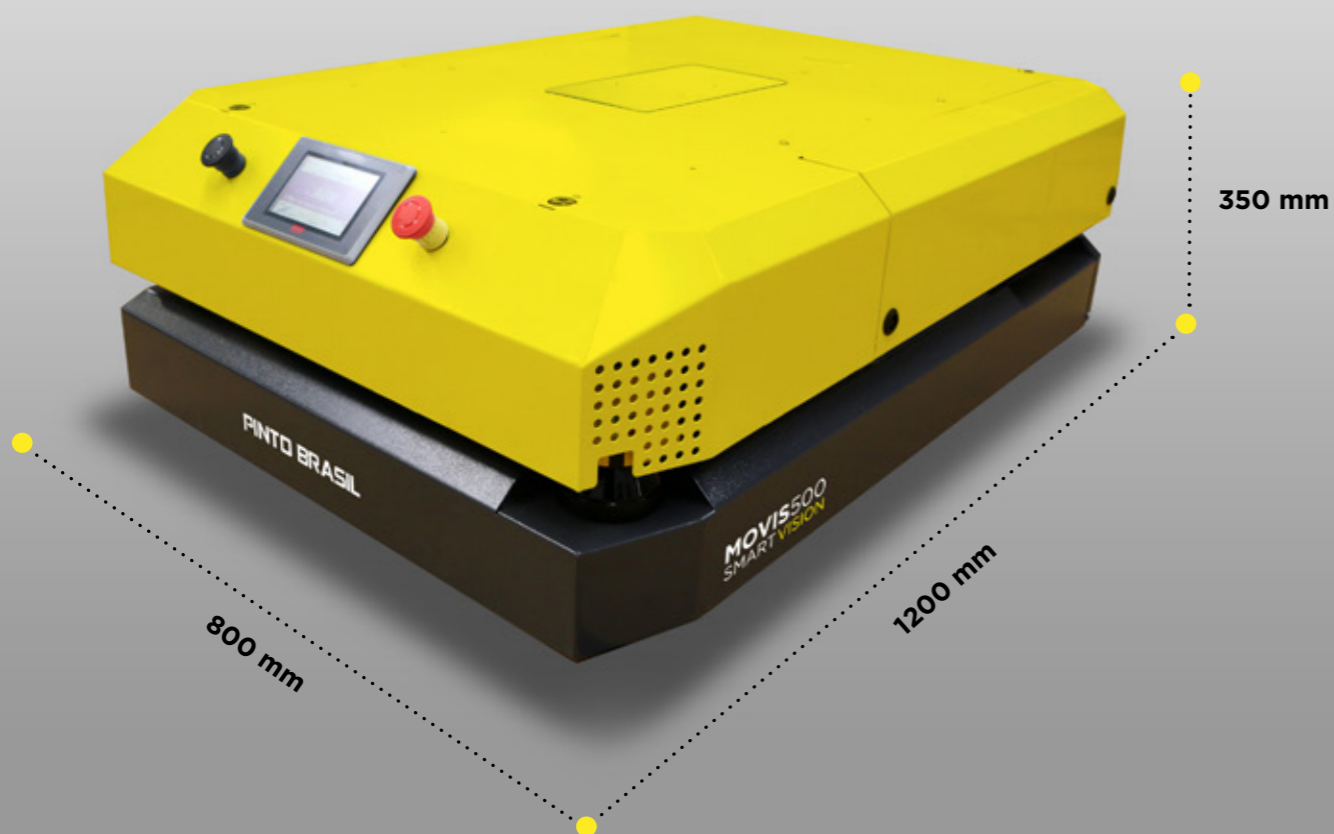


AGV


















MOVIS500

SMARTVISION

*Based in Simultaneous
Location and Mapping*









TECHNICAL SPECIFICATIONS

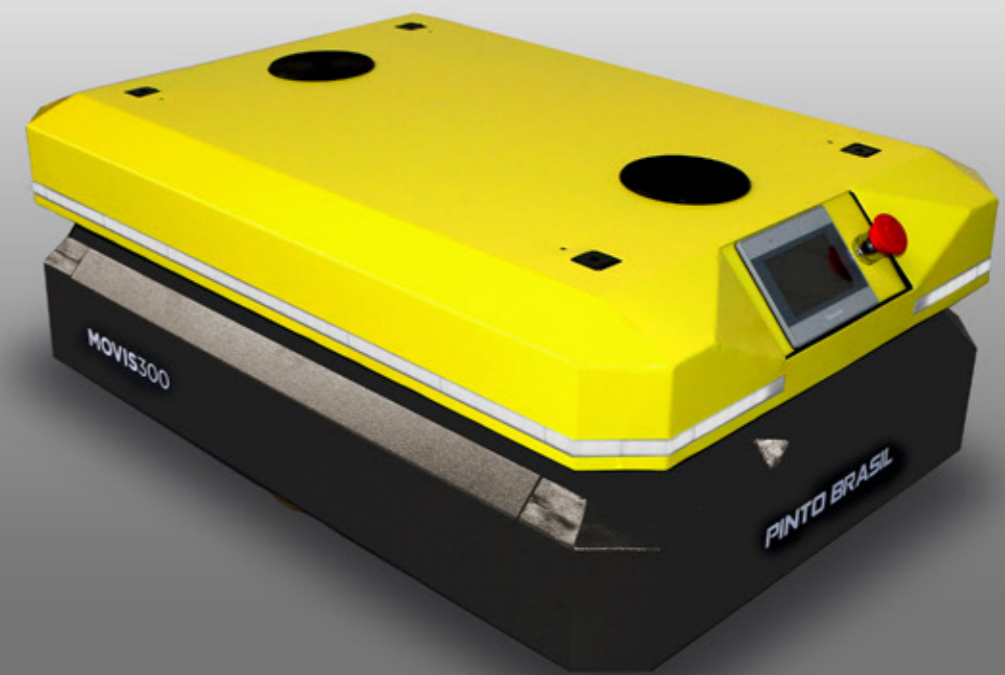
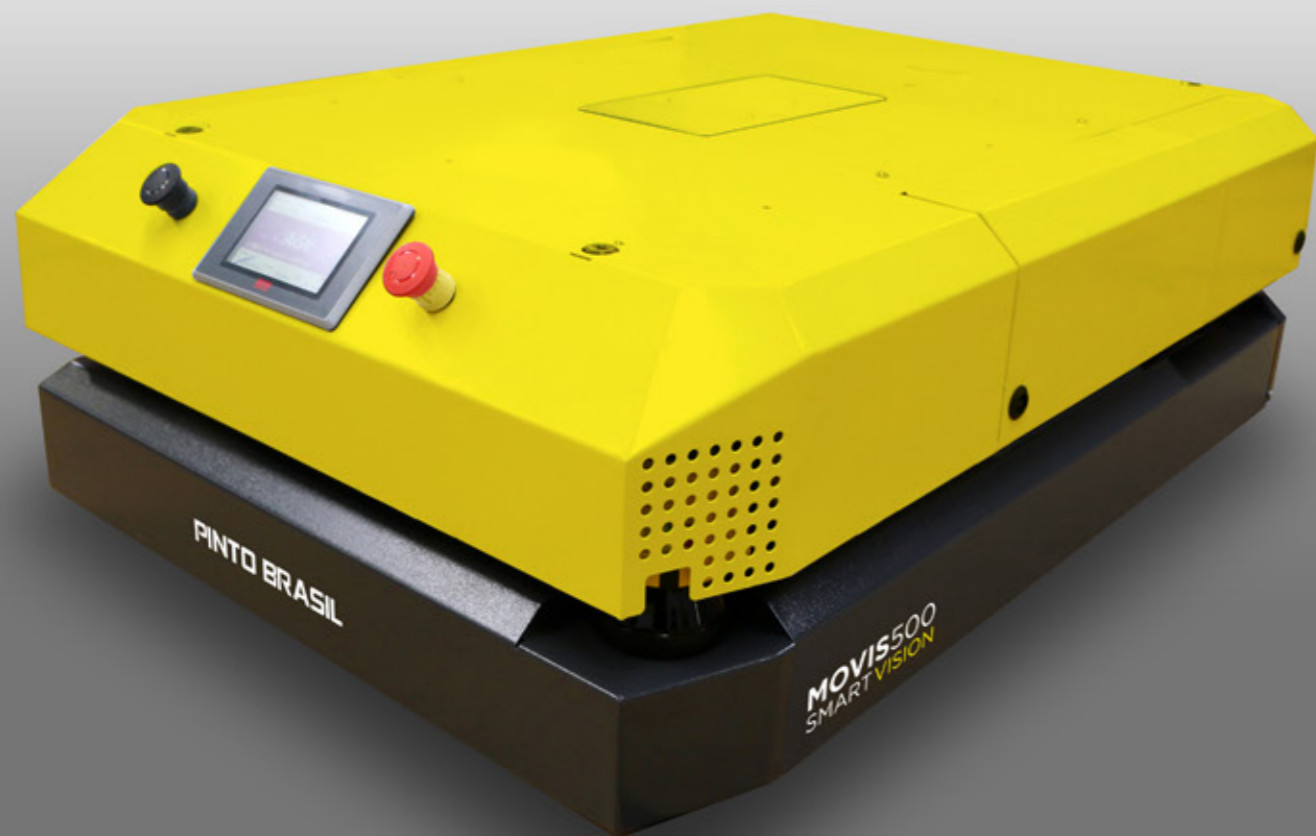
TASK ADMINISTRATION Pinto Brasil Specific software.			
INTERFACE User friendly interface (GUI) and internet access. Allows manual control with smartphone app.		WEIGHT 500 Kg (Payload). 350 Kg (Towing with the hook).	
USER MANAGEMENT Possibility of use by several users.		SPEED 30 m/min maximum.	
TASK MANAGEMENT Possibility of assigning multiple tasks.		WI-FI Wi-Fi communication.	
REPORTS AND PANELS Pinto Brasil software management.		SAFETY Laser scanner with navigation function. SMART VISION.	
BACKUPS Automatic backups, logs and data error documentation.		TROLLEYS Trolleys can be customized.	
SUPPORT Worldwide.		CONTROLE SYSTEM PLC based.	
MOTION SYSTEM Double Engine.		READER By RFID.	
BATTERY 48v / 100A - Long life.		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.	



BENEFITS

- WORKSTATIONS**
Reduction of workstations with repetitive tasks. 
- DEADLINES**
Short delivery deadlines. 
- MODULAR CONCEPT**
Different machines, processes and operations. 
- CUSTOMIZED SOLUTION**
Customized and customized according to specifications and customer's needs. 
- DOCUMENTATION**
Full process documentation and traceability. 
- INTEGRATION**
Integration of radio terminals, RFID, industrial terminals and machine control. 

Providing Superior AGV Systems

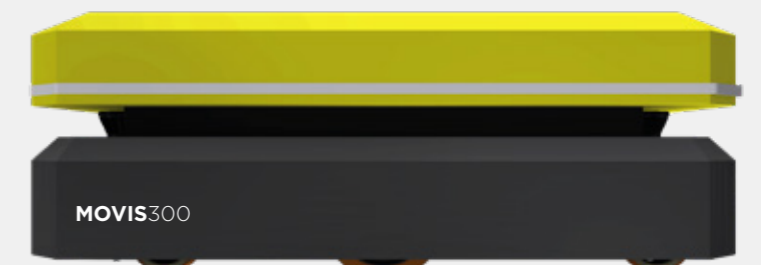


INTEGRATED SOFTWARE

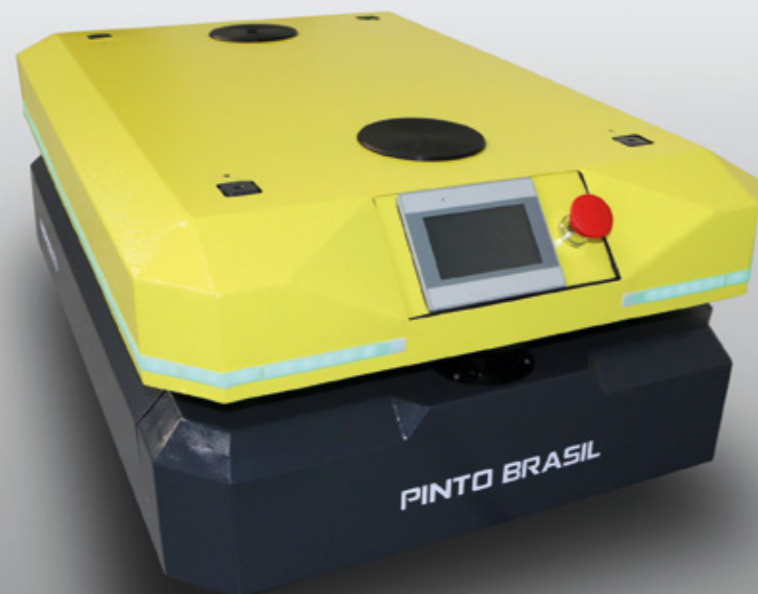


- AGV data selected with KPI indication
- AGV management
- Speed area definition
- Working area definition
- Working area direction definition
- Task management

PINTO BRASIL LOGISTICS KNOW HOW



- Operation management per task
- Mission management
- Task and mission assignment
- User management
- Application of working area for AGV solicitation



SERVICES

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

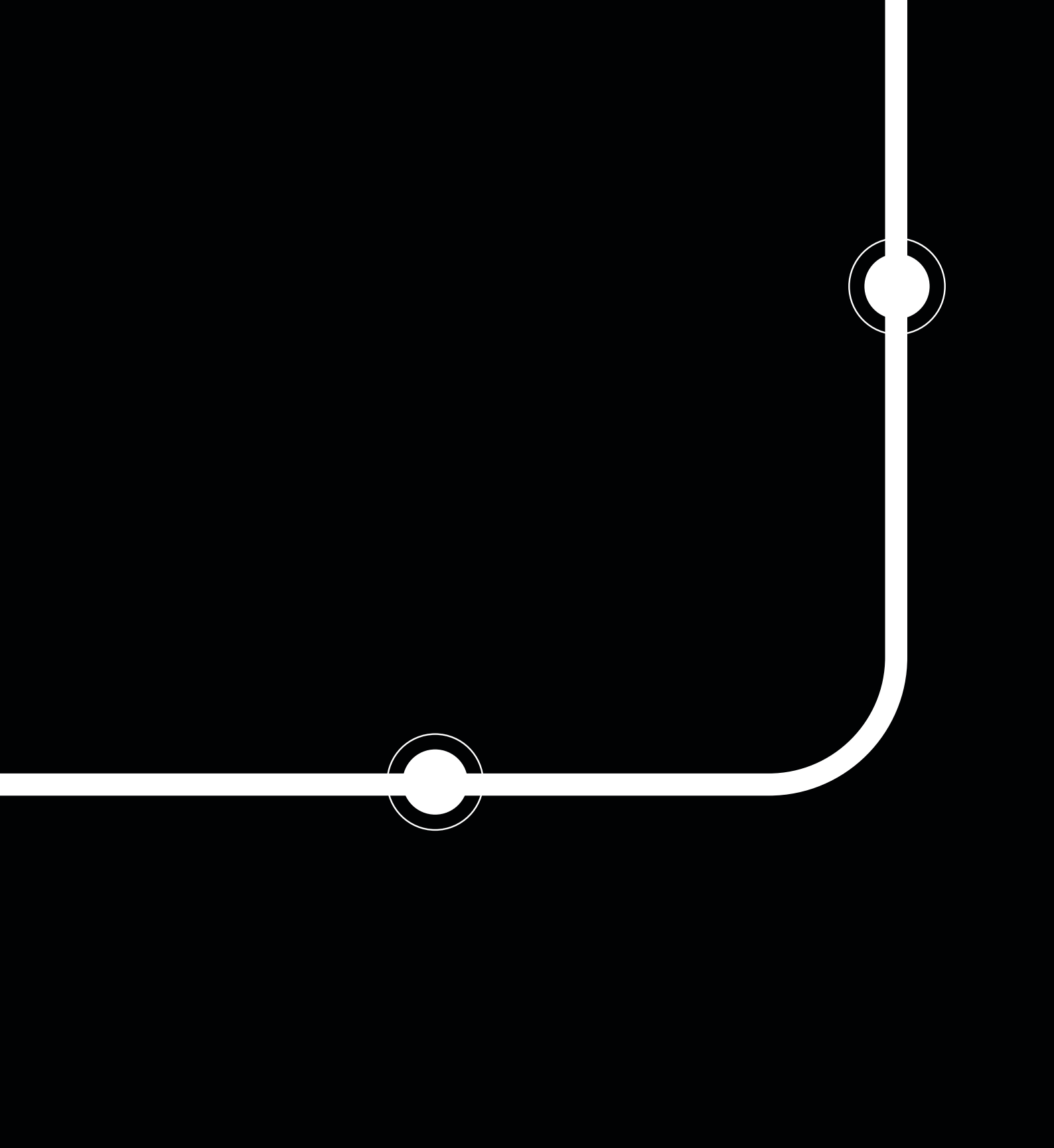
Simulation as a work tool

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.





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