



Artisteril undergoes periodic audits by external companies and is engaged in an ongoing process of improvement and development. This is evidenced by our ISO9001 certification for the design, manufacture, and integration of Robotic Transport Systems.

1. With over 30 years of experience, we have been providing solutions in internal transport systems.
2. We have more than 850 AGV-AMR in various applications.
3. Our own technology enables us to offer optimal technical solutions.
4. Customer training by themselves to facilitate changes and modifications.



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AGV – AMR for the best productive efficiency

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OUR DIFFERENTIATION

- Use of market components from the main brands as SIEMENS, SICK, LEUZE or WENGLOR, making and easy and simple the maintenance of our systems.
- Our solutions are adapted to the requirements of the project.
- All our AGVs follow the ISO 3691-4 safety normative, integrating a Safety PLC.
- We follow the VDA5050 directive regarding the definition of trajectories and traffic control.
- Our AMRs are integrated with third party Traffic Control Systems.

THE RIGHT NAVIGATION SYSTEM DEPENDING ON THE APPLICATION

- Contour, MAPPING, SLAM.
- Magnetic FREE CURVE (following a magnetic tape on the ground, without the need to draw curves).
- Optical (following a contrast created by a line on the ground).
- Use of 3D cameras for Navigation with perception of the environment.
- Magnetic points (free navigation with references by magnetic pins).
- Laser (laser triangulation with reflectors).
- GPS for guidance in outdoor applications.
- Hybrid (combination of various navigation systems).

DIFFERENT VEHICLE ARCHITECTURES

- Vehicles especially designed according to project specifications.
- Hybrids AMRs based in standard vehicles.
- Possibility of mixed use, being able to combine its use as a conventional vehicle or as an automatic AMR - AGV.
- Unidirectional, bidirectional, rotational and omnidirectional vehicles.

AMR - AGV FOR ANY TYPE OF APPLICATION

- AGV - AMR Bidirectional, omnidirectional or rotational.
- Tractors for indoor and outdoor applications.
- Pallet truck-type for moving loads at ground level.
- Moving loads up to 20 tons.
- Electric stacker for handling loads up to 5 meters high.
- Reach pallet mover up to 11 meters high.
- Bilateral or Trilateral for narrow aisles applications of 1.5 meters wide.
- Stainless steel finishes with special requirements depending on the application.

MAXIMUM PRODUCTIVITY

- Applications working 24/7 with battery change or automatic charging.
- Systems from 1 to more than 100 vehicles.

TRAFFIC CONTROL SYSTEM

- Traffic Control System designed with easy configuration for quick start-up and modifications.
- Simulation Module to program our systems off line
- Designed in compliance with the VDA5050 directive.
- Possible to add Warehouse management Module
- Easy communication with ERP's, WMS, robotic cells and all type of systems.
- Possibility of integrating different type of AMRs in the same installation.