



Smart ideas. Best results.



E&K AUTOMATION

Healthcare Line

Automated Guided Vehicles for the transport of Meals, Waste, Linen, Pharmaceuticals and more – in hospitals





E&K AUTOMATION delivers Automated Guided Vehicles Systems for the automatic transport of food, linen, medical waste, trash, pharmaceuticals for hospitals, laboratories, clinics, etc.

Automated guided vehicles offer many benefits, such as lower operating costs, reduced transport damage and improvement on delivery times.



German-made, predominantly from high-grade stainless steel for hygiene and strength, the AGVs from E&K have a Super-flat profile to achieve a very low, sleek vehicle that's ideally suited to many hospital duties. With its integrated lifting gear, the vehicles deliver hospital trolleys, beds, containers and the like – up to 500 kg. The tried & tested design of the AGV is easy to maintain and delivers risk-free automated transport and handling.

The AGVs drive automatically in and out of service elevators and generally use separate service aisles to bridge various floors. If needed, they can use passenger lifts as well using a reservation mechanism. On-board safety sensors allow the vehicles to stop when people or obstacles on the path are detected – avoiding personal injury and damage to payload, surrounding items or infrastructure. Automatic guided vehicles are able to work 24 hours a day, 7 days a week, replacing multiple shifts at once.

Fully Automated delivery for Hospitals / Clinics / Labs:

- ◆ Food
- ◆ Linen
- ◆ Medical Waste
- ◆ General Waste
- ◆ Pharmaceuticals
- ◆ Stores, etc.

Safety

Automated Guided Vehicles share the hospital aisles with other traffic and people, so built-in safety systems must be up to the task. Naturally, our AGV systems meet and exceed the demands of the applicable European safety standards. And because we only supply open systems with the most modern and standard components, additional safety features can easily be integrated to meet customer-specific needs. Safety first – guaranteed.



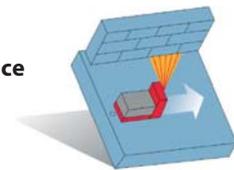
The Core Competencies of our Healthcare line

- ◆ Safety
- ◆ System flexibility & scalability
- ◆ Modern navigation systems
- ◆ Better organisation
- ◆ Prevent in-transit damage
- ◆ Reduction of logistics costs
- ◆ Quick Return on Investment
- ◆ More hygienic

Navigation

E&K AUTOMATION has a full range of AGV guidance and navigation systems, so we always have the right solution for your task and your environment. Our control systems are multi-sensor enabled, so we can deliver hybrid navigation vehicles that perform more accurately in multiple environments. The optimum solution is guaranteed. Our systems are very flexible and scalable, making them easy to extend and modify as your business grows, ensuring a long-term and secure investment in the latest, proven technology.

Contour Range guidance NAV 100



TELETRAK Power Systems

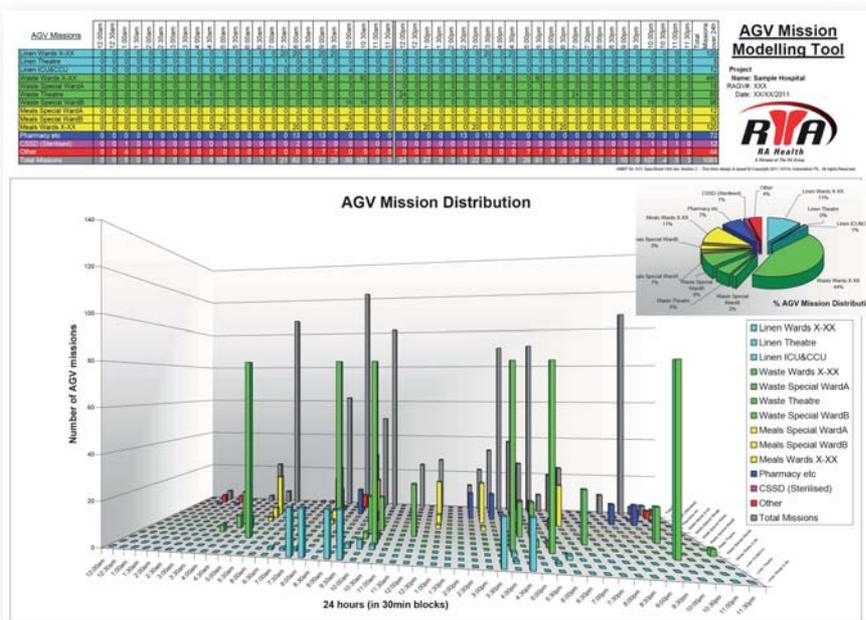
A key part of any AGV installation is its power supply system. Based on the application and the environment, we optimise the power system to best-fit any installation. With almost 50 years experience in Automated Guided Vehicle Systems, you can be sure that an E&K AUTOMATION solution is designed and installed the right way, using the best technology and best practice.

Some of our References

- ◆ Mestre Hospital, Italy
- ◆ Asti Hospital, Italy
- ◆ Milan Morgue, Italy
- ◆ Reutlingen Hospital, Germany
- ◆ Prato Hospital, Italy
- ◆ Pistoia Hospital, Italy
- ◆ Augsburg Hospital, Germany
- ◆ Motol Hospital, Czech Republic

Modelling Your Needs

Use our tools to model and assess your site's AGV potential.





E&K AUTOMATION



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LARGEST
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