



Automated Warehouse Systems

Automated Guided Vehicles

In-Floor Chain Conveyor

Life Cycle Services

NORTH AMERICA DIVISION LEAFLET



Egemin Automation Inc.—North America

Integrating automation into your entire facility

The Egemin name brings a strong history of success. With its humble start providing navel electricity repair work, the company provided a quality product and service that was second to none. This quality and service has been the cornerstone to Egemin's growth and prosperity over the past six decades.

At the World Fair of 1958 in Belgium, Egemin entered the material handling industry by contracting with a German company for the delivery of forklift trucks. Since that time, Egemin has expanded into cargo handling operations, in-floor chain conveyors, roller conveyor, automated guided vehicle systems, AS/RS systems, warehouse management systems, and life cycle services.

In North America, the company now called Egemin started out designing automated driverless control systems in Michigan, which lead to the vehicle known as the MailMobile, first installed in the Sears (Willis) Tower in Chicago in 1976. That technology was developed and reinvented to become the modern automated guided vehicle. In 1999, Egemin Automation purchased that Michigan company to make the leap across the Atlantic.

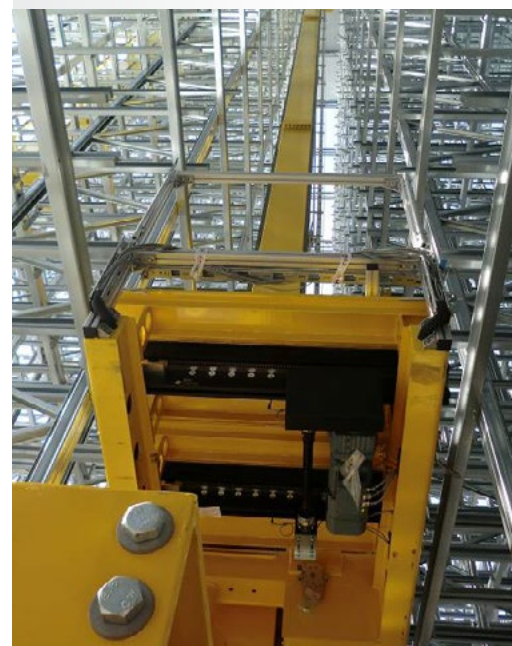
During the following 16 years, Egemin Automation grew to be known as the leader in Automation, with a heavy emphasis on software designed & maintained by Egemin and a strong focus on quality and safety. Today, Egemin provides state-of-the-art automated guided vehicle systems and warehouse automation solutions within the manufacturing and distribution markets. Egemin has become the leading manufacturer of forklift, automatic trailer loading, tugger, unitload, and hybrid automated guided vehicle systems for industrial environments.

Egemin's European offices brought with them a great level of expertise in fully automated warehouse solutions, including not just AGV, but also AS/RS, conveyor, in-floor chain conveyors, and software to match, and the addition of those offerings to Egemin's North American offerings strengthened the company and allowed Egemin Automation to become one of the top international systems integrators in 2015.

Egemin's Handling Automation division was acquired by the multinational KION Group, a publicly traded company on Germany's MDAX, one of the world market leaders in intralogistics and the second largest manufacturer of manual fork trucks worldwide. KION's interest in acquiring an automation company and Egemin's growing rankings worldwide made Egemin the logical choice for the KION Group.

Markets

- Food and Beverage
- Tobacco
- CPG—Consumer Packaged Goods
- Automotive
- Warehousing and Distribution
- Production and Manufacturing
- Newspaper and Printing
- Plastics
- Textile
- Pharmaceutical
- Aerospace
- Electronics



WE DELIVER.



Egemin Guided Vehicle

An E'gv® is an autonomous robotic material handling vehicle that is designed to transport goods in industrial environments. Egemin automated guided vehicles are designed and built using best-of-breed, off-the-shelf components, resulting in obsolescence mitigation, reduced lead times for spare parts, increased system life, and a significantly lower total cost of ownership.

E'GV® SYSTEMS ARE THE IDEAL SOLUTION FOR:

- Repetitive transports
- Multi-shift and 24/7 operations
- Deep-lane warehouse stacking
- Drive-in and push-back warehouse racking
- High-frequency throughput
- Transport to and from automated warehouses
- WIP and production material transportation
- Freezer environments
- End-of-line to warehouse operations
- Automatic trailer loading & unloading



Egemin Warehouse Management System

Egemin's Warehouse Management System (E'wms®) delivers efficient and lean material distribution operation systems through unrivaled personnel, inventory, and equipment management. Experience 99.9% inventory accuracy and up to 35% productivity improvement from your automation environment.

E'WMS® CORE FUNCTIONALITY AND BENEFITS:

- Inbound processing
- Outbound processing
- Distributed order management
- Work orders
- Goods-to-man / Man-to-goods
- Trailer loading & Unloading
- Maximize labor & equipment efficiencies
- Designed for fully automatic & manual warehousing
- Modular software for efficient project configuration
- Modules are integrated into one base package

E'wms® links your logistics environment, the equipment available in your warehouse, and all forms of automation as well as forklift truck fleets.

Automated Warehouse & Integrated Systems

Egemin also creates custom and fully integrated automation solutions to suit your needs. We combine automatic storage & retrieval, conveyor, and E'gv® together to create the complete automation solution. We use existing hardware and integrated it into the automated solution or add pieces to the your system as needed. With our standard and custom software solutions, we ensure your system will run smoothly with existing ERPs or WMS and that the automated equipment can run along with manual systems that may already be in place.

- AS/RS Systems
- WMS Software
- Order Picking Systems
- Transport Systems
- Sorting Systems
- Palletizing Systems
- Shuttle Systems

Life Cycle Services—Increasing Your System's Life

Life Cycle Services is responsible to be experts in enabling your system to perform at promised levels throughout the system's life in service. This includes basic technical support, training, documentation, field service, maintenance program development, remote monitoring and reporting, and knowledge development.

- Full-scale maintenance contracts & service level agreements
- 24-hour helpdesk, remote, and online support
- Maintenance on-demand
- Repairs
- Updates & retrofits
- Mock safety audits

Egemin Solutions Offer A Wide Range of Benefits

- Reduced operational costs & higher efficiency
- Reduced manpower
- Zero product damage
- Increased safety
- Improved product traceability
- Easy and fast installation
- Better use of facility space
- Low maintenance costs



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