



US Import & Distribution
Logistics Partner
www.pmh-co.com



*Very Narrow Aisle Specialist
Intralogistics on the move*

Offering high tech solutions, quality and innovation.

Our partner MLR System GmbH specializes in providing solutions for the optimization of in-house material flow. Planning, engineering and installing agv systems since 1971. Our systems prove their value daily with use under some of the toughest industrial applications.

Together with our partners we have the capability to react quickly to customer specifications and to guarantee reliable, long-term service and support..

With PMH you have a single contact partner for a complete turnkey solution. We have the experience and know-how to take even very large projects through to a successful conclusion - on time and within budget - from planning through to commissioning and startup.



Our Products

- Complete material flow systems
- Automated guided vehicle systems
- Control and automation components
- Sensors for vehicle navigation
- Software for material flow

Our Service

- Consulting, project planning, simulation
- Project management
- Mechanical and electrical AGV design
- Development of software for onboard controls and material flow systems
- Final assembly, testing, commissioning, acceptance tests, and system harmonization outside certification (applicable in Germany)

Dedication to Quality and Teamwork

Quality in every phase of your project. We work on the basis that only the highest quality in products and services count for the long term. We are committed to supplying highly customized systems tailored to your specific application. Responding to your ideas and requirements, we insist on uncompromising quality..

Building good working relationships with our customers on the basis of mutual trust. This is essential if we are to supply you with a customized solution that does exactly what you want , in the most efficient way, and continue to operate safe and reliably for many years of service. Our goal is to work and consult very closely with you throughout the project..



We provide turnkey material flow systems, versatile with the greatest variety of vehicle types, load handling attachments, and state-of-the-art navigation systems; all customized to suit your requirements and specific operating conditions - at an affordable cost.

Full range of navigation options, from the classic guidance (inductive wire or optical path) to laser navigation based on artificial targets or natural landmarks, or the highly flexible magnetic navigation - we have the expertise to advise and supply all types of navigation systems.



PHOENIX - restocking warehouse



Sideloading transport automated 4-way



PHOENIX - double load handling



Motormouse - with electric lift platform



Looks can be deceiving - MAYESTO high-bay stacker was born to operate as an autonomous AGV as well as a manual VNA turret truck. Special attention should be paid to its unique features. Completely separate manual & automatic controls. Lift heights above 50 feet. Onboard control systems measure the destination openings in real time for the final positioning in vertical and horizontal planes.

Shown with a telescopic fork, the vehicle features many other load handling types such as the conventional swing reach fork. System flexibility allows the vehicle to navigate freely in the intersecting aisles. Travel speeds up to 6.2 mph with diagonal lift & lowering. Lift & lower speeds at 89 fpm allow the MAYESTO to compete with some AS/RS systems. Available with conventional battery charging systems or continuous use in-aisle power rail supply.



Integrated Wifi Security Cameras



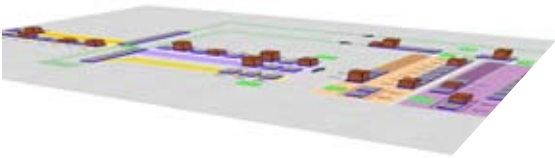
High Bay Unit Load Handling



Autonomous automated Stacker

Aisle Changing ASRS





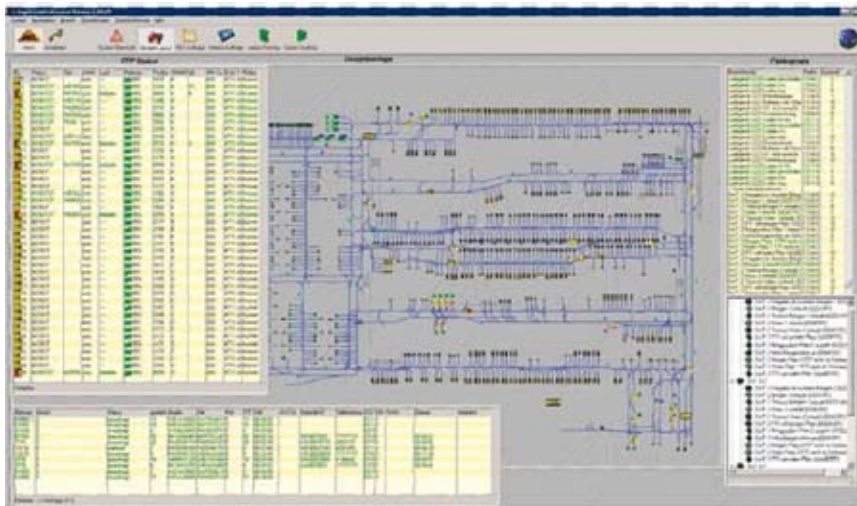
Modular Control Systems

The LogOS “Logistic Operating System” is a tried and trusted product that is continuously refined and optimized. LogOS ensures that the right load gets to the right place at the right time.

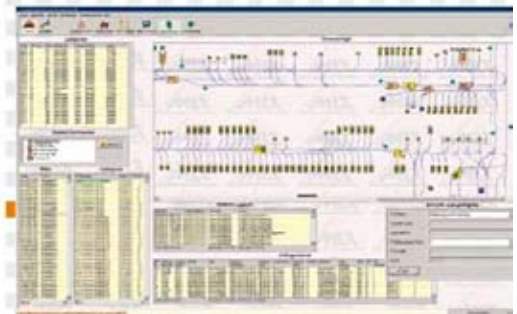
The self-explanatory graphical user interface is designed to expand dynamically for simple customer adaptation. Real time visualization makes it possible to track loads along the entire transport route. The LogOS system can also be monitored, controlled and serviced remotely.

LogOS-Basis - provides a wealth of adaptable standard modules, operating alone or in combination. This makes it possible to adapt the system (step by step) to virtually any existing company infrastructure.

LogOS-MFS - the material flow control system manages, coordinates and implements the entire in-house material flow. It manages AGVs and workstations, monitors task execution and production data, and controls peripheral transports.



Freely configurable operator interface for many different system views (eg. tables, route graphics)



LogOS modular Software

LogOS-SLS - the fork lift control system developed specifically to manage man-driven vehicles, with a central control desk that organizes all tasking and transport allocation and management, ensuring optimal integration to the overall material flow patterns.

LogOS-WMS - warehouse management system controls complex warehouse structures, picking and cost-effective use of transport equipment. When combined with LogOS-MFS it can control and manage entire intralogistic operations.



Product Range



PHOENIX - delivering, transporting, metering with lift mast, scale and side shift attachment.



PHOENIX - stainless steel AGV with 4.6 t of cheese on the way to the ripening stage.



PHOENIX - AGV with roller conveyor and patented automatic lid opener for hopper feed operations.

If your application requires special engineering we can provide a custom solution. MLR specializes in development work on sensors, navigation and vehicle control computers and software. As an example we supply solutions to work with hazardous, unstable, very high or ultra-sensitive loads. Solutions to operate in very challenging environments, such as wind or bad weather with temperatures down to -20 degrees C or maybe just the need for non-standard load carriers, roller conveyors or a telescopic table suited with a special lift mast or identification system.

Please visit www.pmh-co.com for literature & specifications

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Innovation and Design

PMH's commitment to partner with their customer's ensures that custom solutions are implemented for years of efficient optimum performance. Overcoming the traditional customer - supplier relationship, we address material handling logistical problems together. We truly believe, that collaboration is the only way to achieve innovation that meet the goals and objectives of our customers.



ISIS with special side shift attachment in an industrial bakery



Laser-navigating 1.5t PHOENIX part of a logistic operation in motor production facility.



CASERO at home in hospitals, care homes, office and hotel environments - transporting meals, beverages, laundry, medication, mail and luggage.



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