

Like 4

Tweet

Share

1

DELIVERING RESULTS

AUTOMATION

- [Automated Guided Vehicles](#)
- [Conveyor Systems](#)
- [Integrated Systems](#)
- [Palletizing Systems](#)
- [Picking & Packing](#)
- [Scanning & Vision Systems](#)
- [Software & Controls](#)
- [Sortation Systems](#)
- [Vertical Lift Modules & Carousels](#)

PRODUCTS

- [Conveyors](#)
- [Industrial LED Lighting](#)
- [Lift Tables](#)
- [Mezzanines](#)
- [Modular Offices & Buildings](#)
- [Rack, Shelving & Storage Equipment](#)
- [Warehouse Supplies](#)

SERVICES

- [Design, Engineering & Consulting](#)
- [Project Management & Installation](#)
- [Service & Preventative Maintenance](#)



Dematic's Intra Plant Delivery solution consists of process improvements, software and an automated guided vehicle (AGV) system. It creates operational efficiencies for intra-plant delivery of raw materials, work in process, and finished goods.

The Warehouse Execution System (WES) software manages and directs the material flow processes. In the receiving department, manually-operated hi-lo drivers unload pallets from truck trailers and deliver to a four-level pallet rack structure. Mechanical pallet guides in the rack position the pallets consistently.

These improvements result in manually operated hi-lo drivers dedicated to shipping and receiving functions only, allowing the production operation to be free of manually operated industrial truck traffic. This will minimize *people* traffic in the clean room

environment, increasing safety and reducing labor costs. The rack structure in receiving supports a "hand-off" between manual and automatic systems, thus omitting potential congestion or flow conflicts.

AGV's support a safe operating environment, traveling at appropriate programmable speeds in designated pathways and are equipped with object-detection devices. Software-directed task management by the WES software optimizes material flow, maintains separation of raw material ingredients and reduces response time. The entire system features real-time monitoring and control to support efficiency and productivity. Information *Courtesy of Dematic*

For more information on Dematic's Intra Plant Delivery solution, contact Alan Carey, Vice President of Sales, at 443-561-3021 or email info@conveyorhandling.com.

Visit Conveyor Handling Company, Inc.

www.conveyorhandling.com

877-553-2296

MARYLAND Office

6715 Santa Barbara Court
Elkridge, MD 21075-5830

Phone: 877-553-2296 **Fax:** 410-379-0700

FOLLOW US



PENNSYLVANIA Office

665 Forman Road, Suite 201
Souderton, PA 18964

Phone: 443-561-3029 **Fax:** 267-203-8450