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ROVER

HIGH DENSITY SCALABLE
HIGH THROUGHPUT FLEXIBLE

Why Rover

For supply chain manufacturers and distributors who need 24 hour operations demanding high density storage with maximum throughput, Rover is the ultimate solution. Rover is a superior automated pallet storage, retrieval and delivery system that interfaces with all other WMS's and increases throughput while reducing costs and saving time. Rover can solve high throughput storage needs that cannot be addressed by other solutions. Unlike conventional racking systems and legacy cart or crane-based AS/RS systems, multiple Rover vehicles move simultaneously and bi-directionally throughout the storage rack. Rover is flexible, scalable (size and throughput) and adaptable to unique applications.



PALLET FLOW IN & OUT



MULTIPLE ROVERS IN A SYSTEM

Rover Advantages

High Density

- Select lane depths to match customer needs

High Throughput

- Scale with Rovers and VRC's as needed

Integration Flexibility

- Design around customer need and facilities
 - LIFO/FIFO
 - Easy integration to interfacing operations
 - Layer Pick
 - Each Pick
 - Pick Modules
 - Production
 - Shipping/Receiving

Modularity and Future Growth

- System can be easily modified to meet future needs
 - Add storage positions (rack and software change only)
 - Increase throughput (Add Rovers or VRC's)

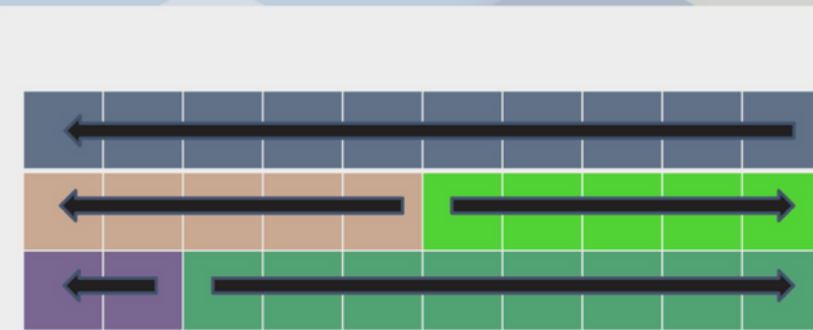


Applications

HIGH DENSITY DEEP LANE STORAGE

For high density storage in FIFO or LIFO configurations, multiple SKU's can be easily stored and accessed on any aisle and any level as needed.

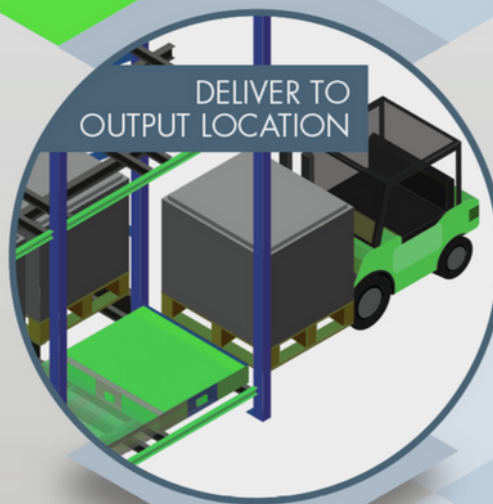
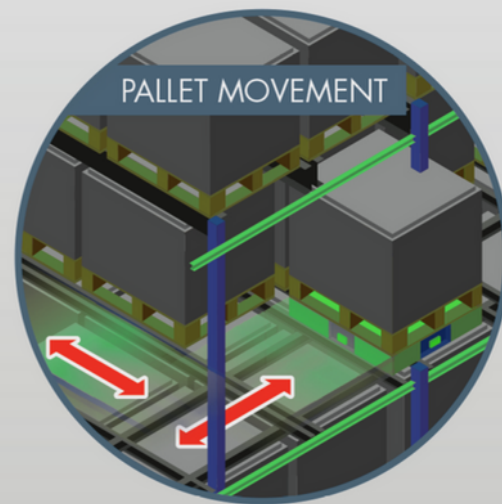
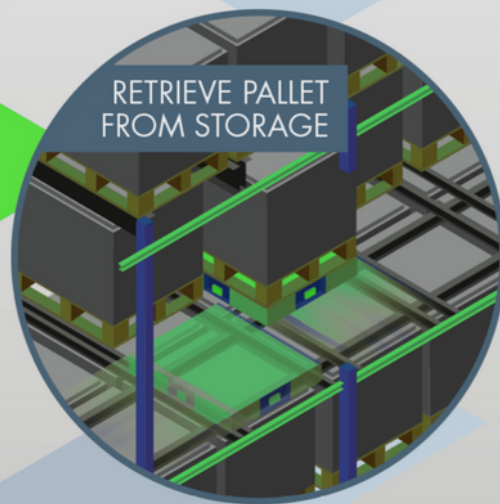
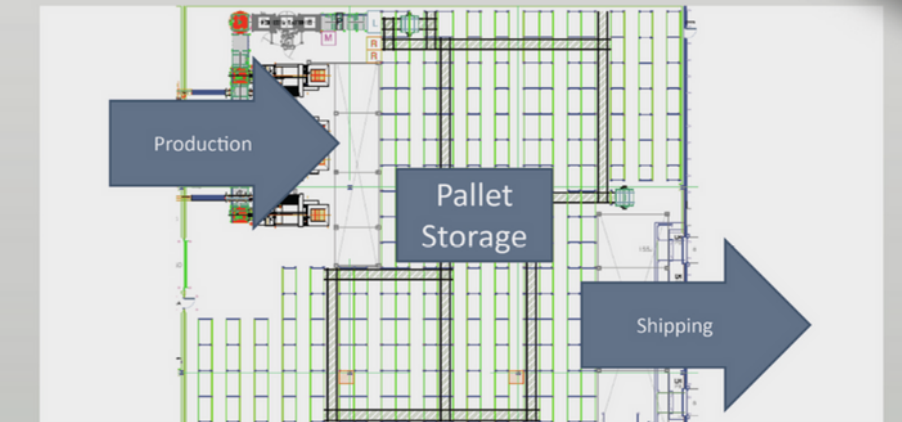
- Reduces aisles and warehouse space requirements
- Eliminates forklift travel, labor and damage



END OF PRODUCTION LINE STAGING

As product comes off the production line, pallets are staged by the Rover and ready for delivery to the loading dock.

- 24/7 operation allows for off shift staging
- Reduce labor and increase storage density





About Our Company

AI Storage Solutions brings a wealth of automation experience to the forefront of warehouse management. Our history is rooted in the seamless integration of sophisticated automated systems into complex operational frameworks. By leveraging our deep understanding of automation technology, we craft intelligent solutions that enhance efficiency and transform inventory management.

Rover, our flagship Pallet Shuttle AS/RS system, is a versatile storage solution, expertly manufactured in the United States. Designed for a range of environments, it optimizes storage density and enhances efficiency across diverse operational settings. Embrace the power of Rover to transform your storage space into a strategic asset, maximizing every inch for peak productivity. Discover with AI Storage Solutions how to elevate your storage space from a necessity to a key driver of your business success.



**24/7 LIGHTS OUT
OPERATIONS**



INCREASE THROUGHPUT



REDUCE OPERATING COSTS