



Automated Storage & Retrieval Optimizes Order Fulfillment

Features and Benefits:

- Piece-pick solution
- Compact system footprint
- Automated inventory storage
- Modular configuration
- Efficient, productive
- Reduced operating costs
- Ergonomic workstation

Industry Group: ASRS



Inventory totes are delivered to the operator at the goods-to-person workstation.



The goods-to-person piece pick system is a high density, compact solution that maximized the use of space in the warehouse.



Inventory from the Multishuttle automated storage & retrieval system is transferred to the goods-to-person workstation.

Electronics technology company, Toshiba, implemented a Dematic Modular Goods-to-Person (mGTP) system at its new distribution center to accommodate aftermarket parts distribution.

The mGTP system is a pre-engineered and pre-configured order fulfillment system with defined functionality. It enables predictable and consistent order picking rate performance. Furthermore, the Dematic system achieves ultra-high uptime while supporting operational flexibility and scalability.

Inventory for customer orders is retrieved from the Multishuttle automated inventory buffer. Up to 500 totes per hour are delivered to the mGTP picking station ensuring high productivity with pick rates over 300 pieces/hour.

The mGTP picking station is dual purpose, enabling it to also be used for replenishing stock to the automated storage system when picking is not required.

Link to video:

<https://www.youtube.com/watch?v=3CF4hszKFUo&t=4s>



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