

Standalone Picking Automation

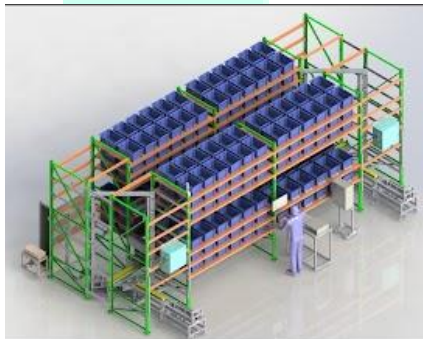
Industry

Grocery Distributor : Each picking for D2C order fulfillment

Business Challenge

Flexible automation needed to support ramp up in projected volumes. Specific challenges include 100% manual picking operations, labor wage increases, and labor retention. This customer had plans to launch their D2C platform but no additional labor to support picking for increased on-demand order volumes. Warehouse had 800 SKUs with A/B/C velocity SKU distribution of 40/80/680 SKUs and no WMS.

The Solution



Solution Differentiators

- Handles integrated picking from static storage and Carte+ with downstream consolidation. (Marrying of Orders)
- Dynamic SKU management to choose SKUs placed in Carte+ based on daily/weekly SKU velocity and demand projections.
- Manages aging of SKUs in totes for FIFO.

Ceiling Height	42'
Number of totes	200
Number of robots	2
Units Per Hour	300 units/hour
Footprint	500 square feet
Number of Operators	1/shift
Process Automated	Order Picking for D2C & Store Replen
Integration	CSV based, no integration needed

Business Impact

4X improvement in Productivity, 80% Error Rate reduction