

2-MINUTE OVERVIEW

High Density Storage Meets 'Store Ready' Pallets & High Throughput Goals with AS/RS & WMS



- Multiple deep 13 level AS/RS feeds palletizing area
- High speed full layer and mixed layer palletizing forms 'Store Ready' pallets
- WMS controls & manages all product flows integrating with Gantry robots for palletizing, stretch wrappers and more
- 3-Rail support of pallets throughout system reduces product damage & need for shrink-wrapping

A worldwide leader in the soft drink industry recently installed an **Automated Storage and Retrieval System (AS/RS)** with **Warehouse Management Software (WMS)** at their plant in Tampa, FL. The single aisle AS/RS stores cases of soft drinks on pallets, and feeds both manual and robotic order picking areas. Designed to store 12,000 pallets, the AS/RS operates with 2 SRMs in one aisle.

Due to fierce industry competition, achieving sustainable logistical cost savings is vital to this soft drink producer. Among the products it offers worldwide are sodas, teas, water and juice products.

"Automated order selection systems such as this one not only provide obvious labor savings, but also enable optimization of truck delivery processes that influence the entire distribution network."

~Dan Labell, President, Westfalia Tech.

Chief among the objectives of this facility expansion, besides maximizing storage space with the high density AS/RS, is to build store ready pallets. Doing this requires full layer and mixed layer palletizing, utilizing both manual and robotic order picking. Four (4) Gantry robots are involved in the order picking system. Integrating the system components is vital to its success.

Westfalia's WMS controls all the order processing, integrating the SRMs, case & pallet conveyors, pallet check stations, gantry robots for high speed layer and mixed layer order picking, manual order top off, stretch wrapping and sequencing for truck loading.

This worldwide leader is committed to reducing waste and its impact on the environment. Our high density AS/RS offers sustainable lower operating costs, and a smaller building footprint which help meet these corporate goals.

Proud Member of the
AS/RS Product
Section of the
Material Handling
Industry

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