



Wal-Mart Increases Warehouse Efficiency with ORBIS Pallet Support Board™

Packaging Application:

At Wal-Mart's New Caney, TX Distribution Center, thousands of pallets are received from their suppliers every day. During induction, the pallet is received into the system from a trailer and moved into racked storage for later picking. After picking, unitized product loads are shipped to regional Wal-Mart stores.

Packaging Challenge:

Wal-Mart receives their shipments on wood pallets, but the loose boards, nails and staples on these pallets cause its high-speed automation system to halt and reject the pallet. These rejected wood pallets caused damage to their automation system and were routinely routed back for manual inspection. These errors lengthened the amount of time it took for product to travel through the distribution center, causing lengthy order-fill times, system inefficiencies and excessive labor.

Packaging Solution:

After analyzing Wal-Mart's system and mapping the product flow throughout the distribution center, ORBIS recommended the 40" x 48" Pallet Support Board™. Product cases arrive from suppliers on wood pallets and are off-loaded onto the Pallet Support Board for easy movement throughout the automated distribution center. This rigid, all-plastic board is dimensionally consistent and is fully compatible with Wal-Mart's automated system, allowing pallet loads to travel effortlessly through the system for storage, picking, loading and ultimately, outbound shipping.

Results:

- Reduced rejected pallets, or "errors" by 50%
- Reduced labor associated with manual handling and inspection
- Reduced costly system downtime
- Consistent dimensions and tare weight speeds production
- Improved system flow, with a standardized platform



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We'll Handle It.

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