

THE HEALTH FOOD COMPANY



*A full pallet is transported to the stretch wrapper*

## System Description

The JBT Corporation SGV System consists of 6 SGV3000 Counterbalanced vehicles. The SGVs automate movement of palletized product and empty pallets between the stretch wrapper, ten packaging/palletizing lines, a shipping buffer storage area, a quarantine zone and two dispatch locations.

The SGVs are equipped with a dual fork carriage which allows for dual load handling. The top set of forks (primary forks) are used to transport full pallet loads, while the bottom set of forks (secondary forks) are used to transport empty pallets. This allows the SGV to drop off a full pallet at the stretch wrapper while simultaneously picking up an empty pallet from the pallet dispenser located at the stretch wrapper. The SGV delivers the empty pallet when it is required at the packaging lines. This eliminated the need for the facility to install a pallet dispenser at each of the packaging lines.

Pallets are also transported by the SGVs from the stretch wrapper and block stacked in shipping buffer storage lanes. The SGV System maintains a record of all inventory placed in the storage lanes and the time each pallet was placed into the lanes. This allows the SGVs to retrieve the "oldest" product from the storage lanes and deliver it to a requesting dispatch location for shipping.

## Features

Date Installed:	2007
Location:	New South Wales, Australia
Vehicle Type:	Counterbalance Fork
Number of Vehicles:	6
Load Description:	Finished Product Pallets Empty Pallets
Industry Description:	Food
Guidance Method:	Laser Navigation
Vehicle Capacity:	2,100lbs (950kg)
SGV Host Controls:	Windows 2000 – SGV Manager
Battery Charging Method:	Opportunity Charging

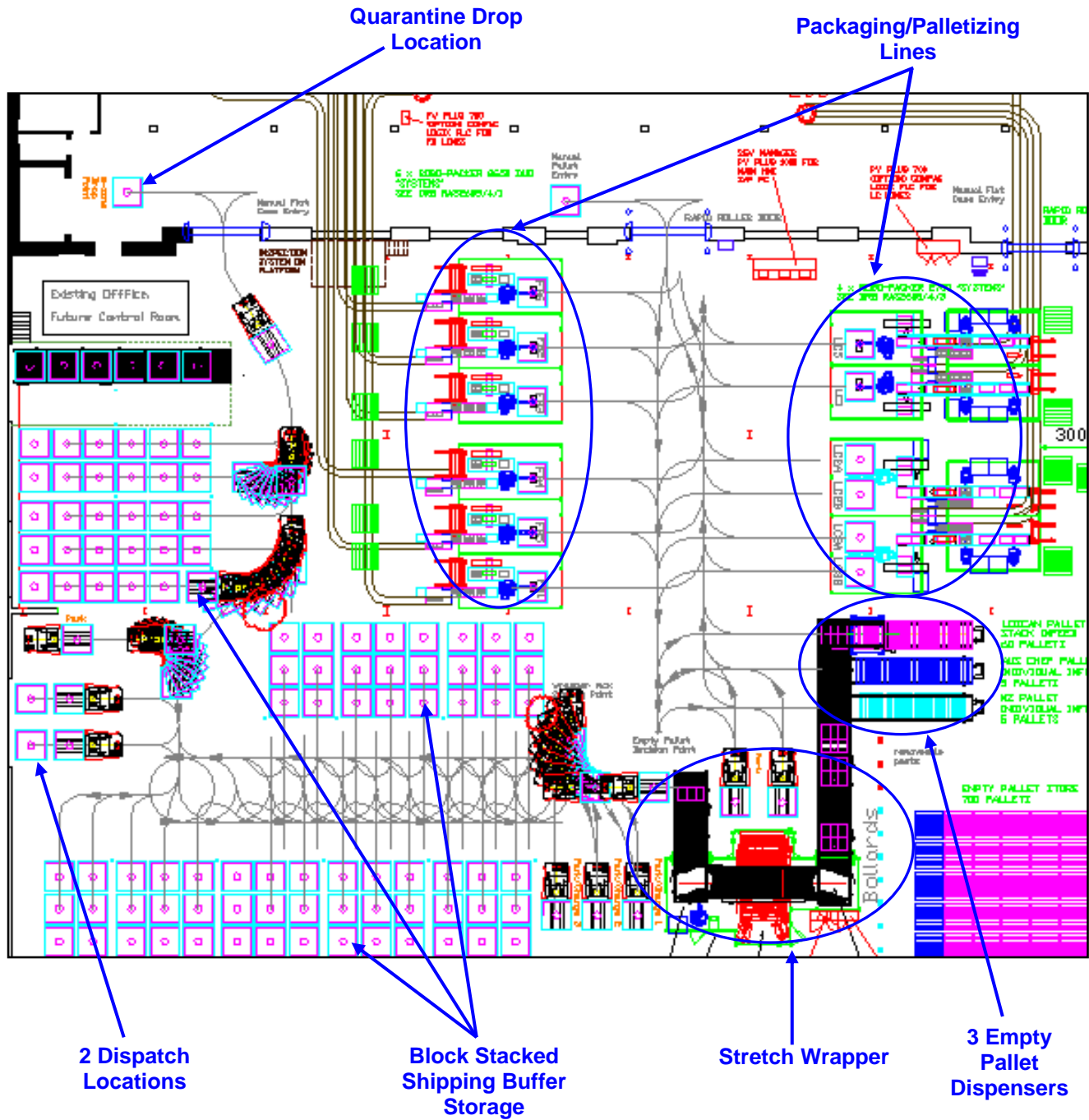
## Benefits

- Significantly reduce pallet and product damage
- Eliminated the need to install pallet dispensers at each palletizing/packaging line
- Inventory is tracked throughout the system
- Flexible solution for plant's changing production demands
- Safe, reliable delivery of food and empty pallets



*SGV Block Stacking Pallets in Buffer Storage Lanes*

# SGV System Layout



www.jbtc-agv.com



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