



Description

The JBT Corporation Self Guided Vehicle System replaced an obsolete wire guided AGV system.

Twenty-five (25) Conveyor Deck Laser Guided vehicles automatically handle pallets between:

- 9 ASRS interface conveyors
- 16 shipping staging area conveyors
- 5 palletizers
- 4 production line conveyors

The conveyor type guided vehicles are used to move pallets of finished foods from the ends of production line palletizers to either shipping conveyors or ASRS storage conveyors.

They are also tasked with transporting stacks of empty pallets from the empty pallet collection conveyors to palletizer inputs.

Features

Date Installed:	2006
Vehicle Type:	Conveyor
Number of Vehicles:	25
Load Description:	Pallets of Food, Empty Pallets
Industry Description:	Food Warehousing
Guidance Method:	Laser Navigation
Vehicle Capacity:	900 kg at 500 mm load center
SGV Host Controls:	Windows 2000 – SGV Manager
Battery Charging Method:	Opportunity Charging
Guidepath Length:	400 m (1,300 feet)



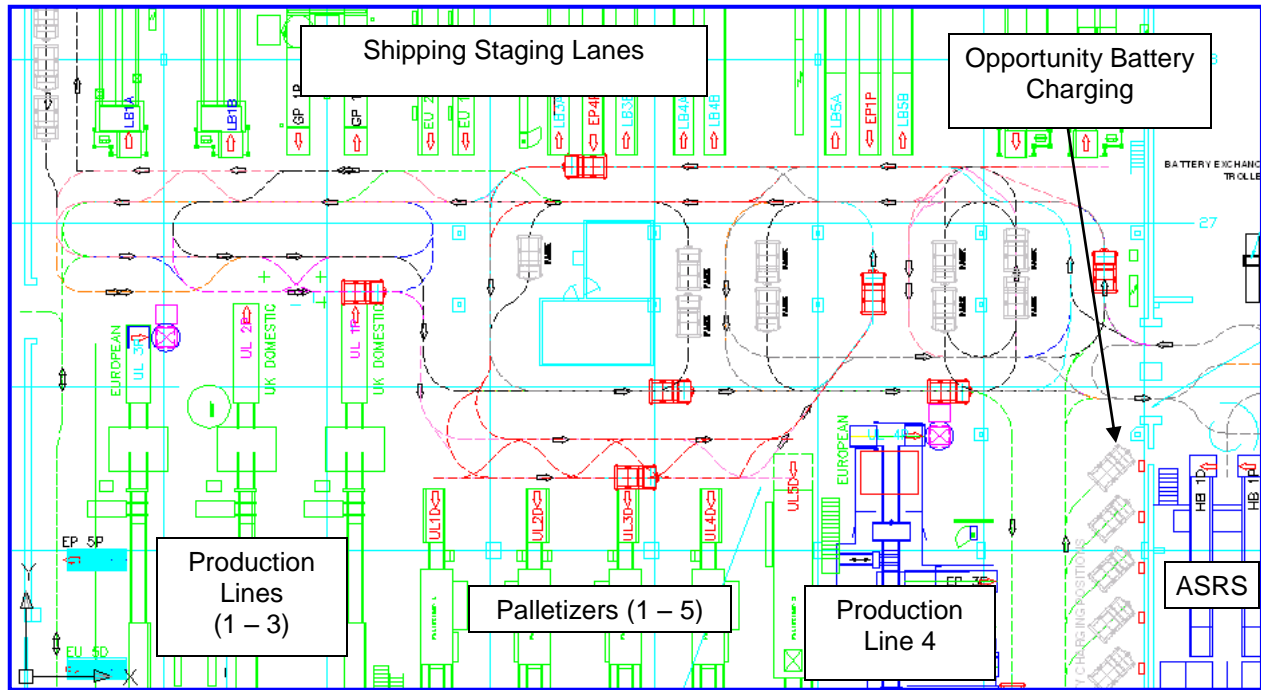
Stacked Load Handling

Benefits

- Significantly Reduce Pallet and Product Damage
- No plant interruptions during installation
- Flexible solution for plant's changing production demands
- Safe, reliable delivery of food and empty pallets



## Plant Layout



Picking Up Loads at the Production Lines



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