

Automatic Guided Vehicles for Pallet Handling



For All of Your Pallet Handling Needs

1 In the Warehouse

- Storage of raw material
- Storage of finished product
- Storage of work-in-process
- Storage in racking or block stacked on the floor



2 At the Production Lines

- Delivery of raw material to the production lines
- Transport of work-in-process to/from production lines



3 In the Packing Area

- Transport of finished product from the palletizers to the stretch wrapper
- Delivery of empty pallets to the palletizers
- Delivery of packaging materials



4 At the Shipping Docks

- Delivery of pallets to staging lanes at the shipping docks
- Automated trailer loading



Pallet Handling AGV Benefits

- Reduced Labor Costs** with fewer people operating fork trucks
- Reduced Product Damage** with sensors and load protection devices which allow for precise and gentle pallet handling
- Improved Efficiency** through seamless integration with production, ERP and WMS software, producing a smooth flow of materials
- Improved Safety** with vehicles which move in a predictable, controlled manner with safety sensors for obstacle detection
- Improved Flexibility** with laser guidance which easily allows for adjustments to vehicle guidepaths
- Improved Material Accountability** with accurate tracking of all material movements

Completely Integrated Pallet Handling Solutions

At JBT Corporation we provide more than products – we provide solutions. We will gladly accept the role of integrating our AGV system with other equipment and software to deliver a complete pallet handling solution.

Simulations

To ensure all pallet movements are seamlessly coordinated, JBT Corporation can create a computer model of the material flow to simulate actual operation and accurately predict what can be expected from the AGV system.

Software

Our SGV Manager software which controls and monitors the AGV system, can communicate with production, ERP and warehouse management (WMS) software to determine the pallet movement requirements and track materials.

Plant Equipment

JBT Corporation AGV systems can interface with many different types of plant equipment including palletizers, stretch wrappers, ASRS systems, conveyors & racking. Sensors onboard the vehicles allow for communication with plant equipment, and ensure smooth transfer of pallets between the AGV and fixed equipment.

