



Automatic Guided Vehicles for the Food & Beverage Industry



For All of Your Food & Beverage Handling Needs

1 In the Warehouse

Storage of raw material, finished product, and work-in-process

Interfacing with racking, block stacks on the floor, conveyors, ASRS, etc.



2 At the Production Lines

Delivery of raw material to the production lines

Movement of work-in-process during production process

Loading and unloading of automatic batch retorts



3 End of Line

Movement from the stretch wrapper to storage or shipping

Transport of finished product from the palletizers to the stretch wrapper

Delivery of empty pallets to the palletizers

Delivery of packaging materials (empty bottles, boxes, containers, etc.)



4 At the Shipping/Receiving Docks

Automated trailer unloading of raw material

Delivery of pallets to staging lanes at the shipping docks

Automated trailer loading of finished goods



Why AGVs?

Reduced Labor Costs with fewer people operating fork trucks

Improved Productivity allowing you to concentrate your labor force on tasks that add value to the products

Reduced Product Damage with sensors and load protection devices which allow for precise and secure handling

Reduced Facility Damage with accurate vehicle navigation and obstacle detection

Improved Efficiency through seamless integration with production, ERP and WMS software, producing a smooth, just-in-time flow of materials

Improved Safety with vehicles which move in a predictable, controlled manner with safety sensors for obstacle detection

Improved Flexibility with tools to easily adjust vehicle guideways and systems that can easily be expanded or even moved to another facility

Improved Material Accountability with accurate tracking of all material movements

A Variety of Material Handling Solutions

At JBT we provide more than products – we provide solutions. We will gladly supply the appropriate AGV system for your application and business needs.

Simulations

In order to optimize pallet movements, JBT can create a computer model of material flow. This simulation accurately predicts what can be expected of the AGV, regardless of movement intricacy. Both simple, A-to-B movements and fully integrated, complex systems can reap benefits from the simulation process.

Scalability

At JBT, we understand that automation is not one-size-fits-all, which is why we offer a range of system options. If you'd like to automate simple A-to-B movements, we can provide a stand-alone AGV. However, if your automation goals are more complex, we can also supply fully integrated systems, controlled by our SGV Manager software and compatible with your business systems (ERP, WMS, MES, etc.). Our range allows customers to start simple and expand in the future.

Savings

Automation with JBT robotic vehicles has always provided safe, precise, on-time delivery of materials in manufacturing and warehousing. Our commitment to the AGV industry shows in our dedicated customer service and innovative approach to system solutions. With this experience and our range of options, JBT will minimize your total cost of ownership and maximize your return on investment.



www.jbtc-agv.com

John Bean Technologies Corp.
400 Highpoint Drive
Chalfont, PA 18914 USA
Phone: 215-822-4600
Fax: 215-822-4553
sgv.sales@jbtc.com

John Bean Technologies Ltd.
Unit VI Winchester Avenue
Blaby Industrial Park
Blaby Leicester, UK, LE8 4GZ
Phone: +44 116 264 2250
Fax: +44 116 264 2279
uksgvsales@jbtc.com