

Food & Beverage Industry

Features

Date Installed:	May 2007
Industry Description:	Food/Beverage
Vehicle Type:	Counterbalance
Number of Vehicles:	6
Load Description:	Pallets of beverages
Guidance Method:	Laser Navigation
Vehicle Capacity:	3,600 lbs.
SGV Host Controls:	Windows 2000 – SGV Manager
Battery Charging Method:	Opportunity Charging
Location:	Winchester, VA



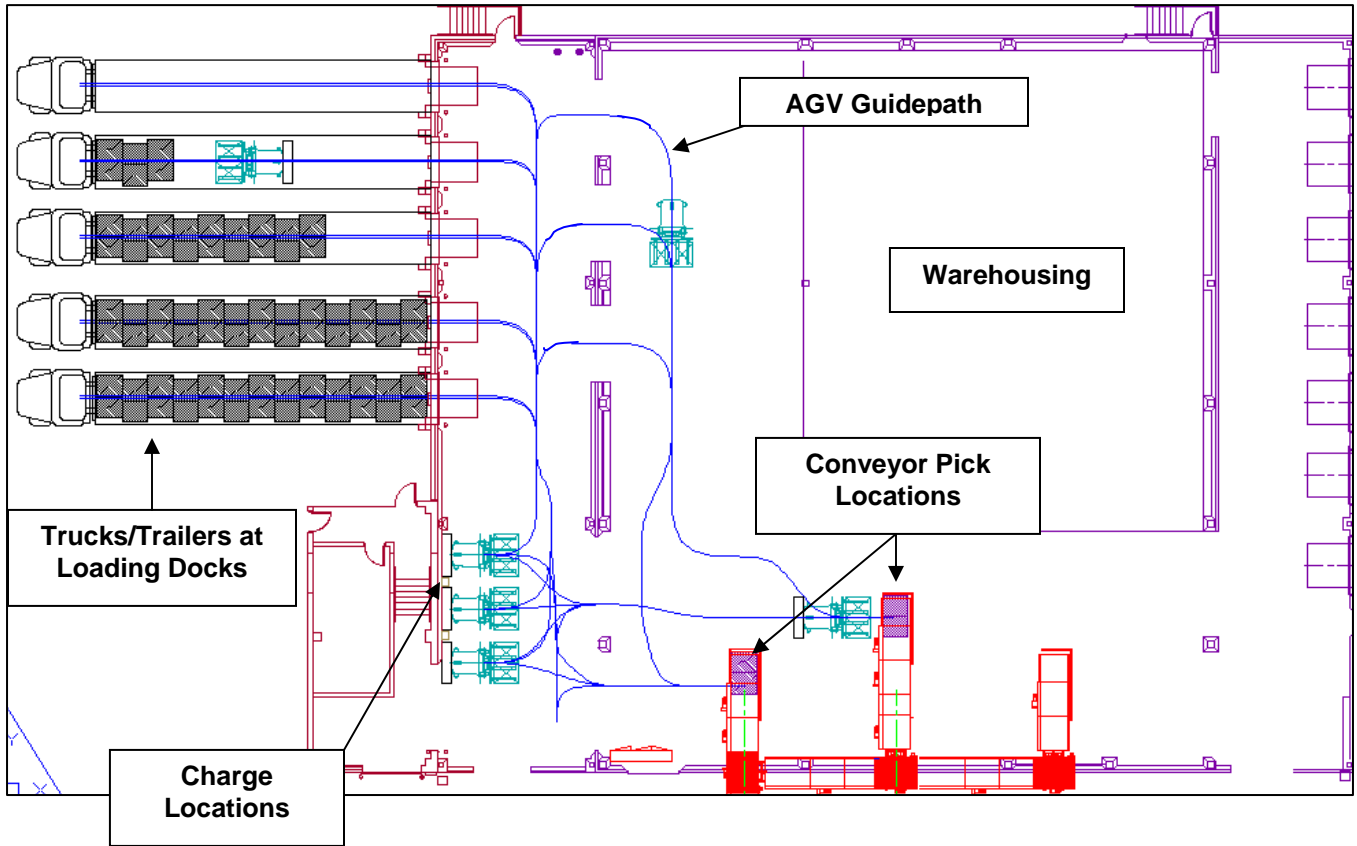
System Description:

This system, installed for a major food & beverage manufacturer, features six hydraulic forklift Automated Guided Vehicles (AGVs) that automatically load trailers at the loading docks. The system operates 24/7 and transports pallets of product directly from conveyors at the end of palletizing lines and delivers them into standard, over-the-road trailers. The system is responsible for moving 120 loads/hour, transporting pallets from two stretch-wrap conveyors to trailers at five dock locations. The system is able to load a trailer in under 15 minutes, and loads over 100 trailers per day. The AGV Trailer Loading system also accommodates multiple trailer loading patterns. Each load pair was offset to provide more even weight distribution and less load shifting during transport.

Benefits:

- Significantly reduced product damage and labor costs
- Flexible solution for changing plant demands
- Accommodates standard trailers and dock equipment
- Safe, reliable and timely loading of trailers

System Layout



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 SA
 106 Bd Heloise
 Les Harmoniques
 95101 Argenteuil Cedex, France
 Phone: +331 399 646 59
 Fax: +331 399 646 74
contact@jbtc-agv.fr

John Bean Technologies NV
 Breedstraat, 3
 B-9100 Sint Niklaas, Belgium
 Phone: +32 3 780 1336
 Fax: +32 3 777 7955
snt1_sgv@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