



Wrexham, Wales, UK



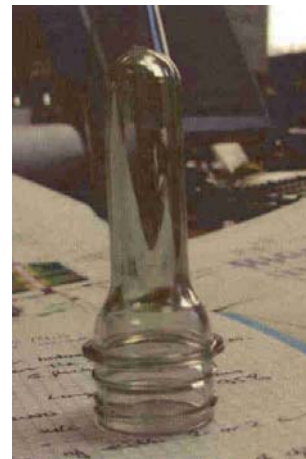
Description

The JBT Corporation Self Guided Vehicle System transports bins of blow molded bottle pre-forms between manufacturing and the warehouse.

Six (6) JBTC Counterbalance Laser Guided vehicles automatically handle bins between:

- 29 injection machines
- Warehouse conveyors

The bins are called "Drop Boxes" and "Octibins". Full bins, resting on the floor, are taken from the injection machines and delivered to conveyors located near the storage warehouse. In addition, empty bins are taken from conveyors near the storage warehouse and delivered to the injections machines.



Blow Molded
Bottle Pre-Form

Features

Date Installed:	2006
Vehicle Type:	Counterbalance
Number of Vehicles:	6
Load Description:	Drop Boxes & Octibins
Industry Description:	Packaging Material Mfg.
Guidance Method:	Laser Navigation
Vehicle Capacity:	500 kg at 600 mm load center
SGV Host Controls:	Windows 2000 – SGV Manager
Battery Charging Method:	Opportunity Charging

Benefits

- Significantly reduce box and product damage
- No plant interruptions during installation
- Flexible solution for plant's changing production demands
- Safe, reliable delivery of boxes

SGV Tasks

1. Move full "Drop Boxes" from injection machines onto a conveyor in the warehouse area



2. Collect empty "Drop Boxes" or Octibins from conveyor in the warehouse area and deliver them to the injection machines



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