



Worlds Smartest AGVs are a Host-Less System that Reduces Labor Costs and Improves Safety

Features and Benefits

Significantly reduce pallet and product damage

Track inventory throughout the system

Flexible solution for plant's changing production demands

Safe, reliable delivery of pallets

Exceeded financial targets generating a 37% ROI based on labor savings

Industry Group: Automatic Guided Vehicle Systems (AGVS)



The JayBoT has advanced technology so smaller systems can operate without cost and complexity of a centralized AGV control system

This JayBoT AGV system provides all of the routine material handling needs to support a major food supplier's facility. The system facilitates the movement of pallets of finished goods between various palletizing lines and laydown areas in a food supplier's warehouse.

The orders will be initiated at pickup conveyors. PLC at the conveyors will communicate the pickup request to the JayBoT IO panel when pallets are ready to be picked. The pick order is then assigned to the closest available AGV.

The AGVs transport dual pallets in pairs, side-by-side, from the ends of conveyors discharging from three stretch wrapper line outputs to two designated floor drop locations in the warehouse. The system will consist of three host-less JayBoT AGVs with hydraulic lifts, fixed forks, and all appropriate JayBoT IO panels to interface with existing equipment.

JayBoT AGVs navigate without reflectors,

independently make decisions, and communicate between other AGVs and external devices. No system manager is required. The AGVs are equipped with a double fork attachment which carries two pallets at a time.

The JayBoT not only reduces labor costs but also improves safety, eliminates material handling related product and facility damage, and increases productivity.



JBT Corporation
400 Highpoint Drive
Chalfont, PA 18914
Phone: 215-822-4600
AGV.sales@jbt.com
www.jbt-agv.com