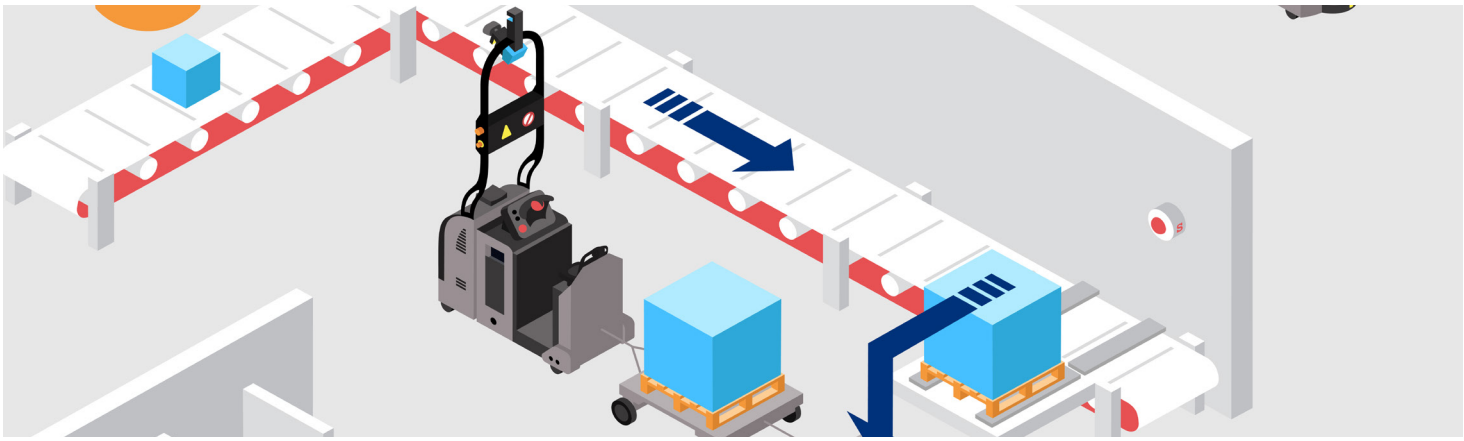
MILKRUNS IN PRODUCTION



FOCUS

A typical application for manual operators is driving tugger trucks pulling carts with materials to be delivered in multiple locations in a production facility. The Driven by BALYO solution automates the tugger routes removing the need for manual operators to drive in loops all day.

The Driven by BALYO tugger can pull up to 7000 kg carts loaded with goods. This type of application implies a high level of human/robot interactions (cobotics) to manage trailers or loads. The tugger missions can be triggered through an interface with a WMS/ERP software or through a push button that operators can use to assign a pre configured task to a robot.

SOLUTION

Push Button Configuration : In any BALYO installation, missions are triggered by an event (pallet detection on conveyor, signal from palletizers...). If there is no WMS/ERP interface, triggers can be manually managed on the robot's HMI, the Robot Manager screen or through robot features such as the intelligent pallet detection. Alternatively BALYO can offer a three button COMBOX where each button is assigned to a mission trigger, based on customer needs : raw materials supply, finished goods removal, pallet transfer etc.

LOOP APPLICATIONS

28
Robots worldwide

15
Customers

18
Sites

WHY BALYO ?

LOCAL AND GLOBAL SUPPORT

BALYO has partnered with different OEMs to produce a world class product. Any truck with Driven by BALYO technology is a fully integrated product in full partnership with the OEM. There are no aftermarket adaptations. What does this mean ? Any robots purchased are fully supported by the OEM dealership network with local tech support and local spare parts

NO INFRASTRUCTURE

Driven by BALYO robots require no additional infrastructure. This means no reflectors, no magnets or wires in the ground. BALYO technology allows the robots to navigate and drive within an existing facility without any other considerations outside of safety.

DUAL MODE

The BALYO robotic solution is a standard truck that has been built to be autonomous. This means that it can be used in manual mode as well as autonomous mode. Any operator (if the client allows for it) can take control of the robotic lift truck for any purpose.

OTHER HORIZONTAL APPLICATION BOOKLET AVAILABLE

- Inbound Receiving to End of Aisle
- Inbound to Quality Control or Staging
- Inter-building transport