

INBOUND TO QUALITY CONTROL OR STAGING



FOCUS

In operations such as cross-docking or manufacturing, pallets that are delivered to an inbound staging area, need to be moved throughout the facility to quality control or staging areas. These pallets are usually manually scanned and delivered to a determined area.

Robots Driven by BALYO can increase efficiency in such operations using a barcode reader that can scan a pallet and determine the appropriate destination. This can be executed with or without the help of a WMS.

SOLUTION

Barcode Scanning : A BALYO robot can be equipped with a barcode scanner to read an identification plate on a load. If there is no WMS/ERP system, the BALYO will compare the barcode to a pre-populated database to determine the drop location.

Alternatively, you can also integrate the BALYO robot manager with a WMS system. In this case, the robot manager will receive instructions directly from the WMS/ERP which is taking over responsibility to assign pick and drop stations according to customer realtime needs.

If an identification issue occurs, BALYO can determine a default dropping scenario to ensure operational continuity.

HORIZONTAL APPLICATIONS



Robots worldwide



Customers



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
- Milkruns in Production
- Inter-building transport