INBOUND RECEIVING TO END OF AISLE

FOCUS

In warehouses or distribution centers, pallets are moved from inbound docking to storage area several times per day. Usually, an operator transports one or several pallets from receiving to end of aisles where vertical lift trucks can store them in high racking.

Robots Driven by BALYO can be used to replicate the path of manual drivers and complete long distance transports of pallets to end of aisles. Dedicated buffer areas can also be created throughout the warehouse where Driven by BALYO lift trucks will drop pallets that have to be stacked.

The BALYO robot range allows our customers to automate the full process : pallet transfer using robotic pallet trucks and racking storage using autonomous reach trucks or VNA.

SOLUTION

Intelligent pallet detection : This feature allows a robot to scan staging lanes using its safety laser, in order to detect and remove pallets from the zone. After a scan, if a pallet is detected, the information is sent by the robot to the BALYO Robot Manager that will trigger a pick mission. This robotic solution is fully autonomous and removes the need for a manual operator to trigger pallets removal.

HORIZONTAL APPLICATIONS

247	51	78
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 is 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 to Quality Control or Staging   ✓ Inter-building transport

✓ Milkruns in Production