

3PL



Automation in logistics provides great benefits in reducing the overall business operation costs. 3PL offers integrated logistic solutions, including storage, distribution, and cross-docking of goods. Short-term contracts with their customers require high performance solutions improving scalability and goods traceability. One of the major automation advantages is the ability to reduce arduous working conditions by eliminating and replacing low value-added tasks.

BALYO has developed a scalable solution for logistics distribution, integrating into existing infrastructure. Using WMS, BALYO robots can manage load transports, storage, cross-docking or any tasks which may streamline the supply chain process. Robotics today, must not only serve as a strict tool to increase efficiency, but also reduce the cost of customer operations.

INDUSTRY TRENDS

- Offsetting workforce deficiencies through automation
- Selecting scalable solutions without infrastructural revamp
- Optimizing storage/shelf height for a higher pallet density
- Increased throughput and goods traceability
- Handling different types of loads
- Define logistics safety as a key performance indicator

WHY ROBOTICS?

1

ROI Benefits:
Greater benefits
with rigorous demands

2

Efficiency :
Streamlining Workload

3

Quality :
Increased job accuracy



HOW BALYO WORKS IN 3PL INDUSTRY?

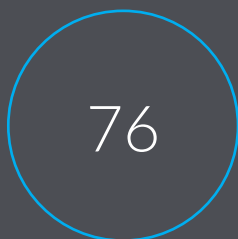
An example of a typical application flow in 3PL industry would be :

- Driven by BALYO robot picking pallets from inbound lanes/unloading area and dropping to a conveyor area.
- Alternatively, a Driven by BALYO robot can also be used for picking pallets from inbound lanes / unloading area and dropping to a restock packaging area.
- From these areas, BALYO can deploy robots to transfer the final products to outbound lanes from where it is taken out of the warehouse area.

BALYO ADVANTAGES

- Complete solution for production/distribution/storage applications
- 24h/7d/7 usage and maximum system availability
- Operational flexibility
- Adaptive navigation technology
- Large load types diversity
- Broad Robot Portfolio
- Service network partnership with leading material handling suppliers
- Trigger missions by WMS/ ERP
- Interfacing with client's environment
- Increasing productivity and throughput

BALYO 3PL INDUSTRY INSTALLATIONS



Robots Worldwide



Customers



Sites