E-COMMERCE

Smart warehouses today make use of IoT enabled solutions for real-time visibility during operations.This is the base for automation, and it comes down to improved solutions for warehouse management. Today, E-commerce industry needs to tackle the demand of customers ,availability, quick delivery of goods and improve logistics efficiency. By leveraging the benefits of robotics, E-commerce companies can manage the order fulfillment process, streamline omnichannel business and improve throughput and autonomy.

BALYO has developed a large portfolio of robots and services to match these needs. From logistics distribution, cross-docking, packaging, streamlining of supply chain processes and providing added value services with integrated ERP solutions. Automation,today, must not only serve as a strict tool to increase efficiency, it must also reduce cost for customer needs.

INDUSTRY TRENDS

- Offsetting workforce deficiencies through automation.
- Handle diverse SKUs
- Use of robots in the warehouse to increase efficiency and accuracy in picking and packing process
- Automating the supply chain process

WHY ROBOTICS ?

1

Long Term Economic Benefits :
Lesser operating cost
for high demands

2

Competitive Advantage :
Pioneers in Industry 4.0

3

Safer operations :
Operator safety of
paramount importance

HOW BALYO WORKS IN E-COMMERCE INDUSTRY?

An example of a typical application flow in E-Commerce industry would be :

* Driven by BALYO robot transferring unusually bulky loads, or loads with indifferent sizes
* A driven by BALYO robot can be used to transfer pallets from inbound receiving to end of aisles/racks
* Alternatively, they can be brought autonomously to a repackaging area and then further transferred to outbound storage area within the facility.

BALYO ADVANTAGES

* Complete solution for production/distribution/storage applications
* 24h/24 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 E-COMMERCE INDUSTRY INSTALLATIONS

15
Robots Worldwide

4
Clients

3
Countries