# 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 cn, 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 | 4 | 3 |
|---|---|---|
| **Robots Worldwide** | **Sites** | **Countries** |