

DPS



DPS quickly and accurately pick items to help reduce working hours and increase productivity.

DPS(Digital Picking System)

Digital Picking System (DPS), also known as pick-to-light, is one of the best picking solutions for industries where high picking throughput is required. Digital Assorting System (DAS) is a system that automatically handles various items by assorting them in each distribution area via digital indicator. These quiet visible lights located directly on the storage slot/shelves indicate where the item is to be picked and display the quantity for each picking item. Picking job is easily adaptable for the workers with minimal understanding of items, as DPS/DAS take such role. By utilization of this advanced picking solution, picking error is drastically reduced and the accuracy of picking and assorting job is elevated.

Basic Specification

- ✓ Conveyor Speed: 25~40 m/min
- ✓ Indicator: Installed on each cell
- ✓ Data Communication: Board controller& barcode
- ✓ Driving way: Automatic, Manual



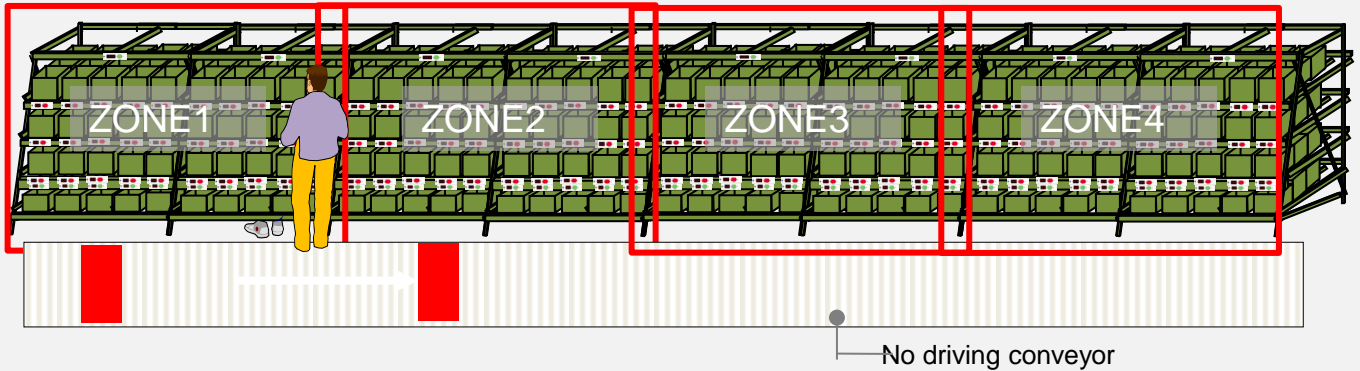
Benefit

- ✓ Fast & accurate paperless picking
- ✓ Real-time & intensive inventory management for handling various items
- ✓ Simple and flexible application and installation



DPS Operation Flow

➤ How to Pick & Pass



- ✓ Tag and stick to box according to output data from upper level system.
- ✓ Box will flow along the conveyor line.
- ✓ Zone picking operation, pick to light, DPS indicates Qty of item to be picked.
- ✓ The operator matches box No. and lamp displayer No.
- ✓ Picking item into the box by operator
- ✓ Zone to Zone box flow increases picking efficiency.
- ✓ Completed box is passed to next section for inspection & Packing.

➤ Light indicator High throughput

The system uses lights as a real-time visibility to guide the worker to the exact product location, displaying him precise amount ordered and requiring confirmation while each item is picked

