

ABSTRACT

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Picking System Mechanism In Retail Company

In order to meet the business needs of a company, the warehouse is a part related to the supply chain that must continue to operate. For this reason, it is necessary to have a system or technology that can support this, one of those systems called a Pick to Light System is a combination of a computing system with a microcontroller for digitization in processing orders and retrieval of goods in the warehouse or Distribution Center (DC).

Pick to Light System can maximize productivity, speed, and accuracy in picking process. Made of microcontroller hardware and an easy-to-use design will certainly be very helpful for picking operators. In addition, this system can also combine with a conveyor automation system. After the picking process is successful, the item can be transferred to the loading dock area for immediate delivery as ordered.

Keywords: Pick to Light System, Distribution Center, Conveyor