



Light Sled

Lightning Pick's light-directed cluster picking solution

Optimize Cluster Picking Efficiency

The Lightning Pick Sled combines the benefits of Pick-to-Cart, Pick-to-Conveyor, Pick-to-Light and Put-to-Light methodologies to maximize cluster picking efficiency in operations where one operator picks multiple orders simultaneously. The horizontal 'sled' design enables several cartons to be grouped together and conveniently travel on conveyor throughout the distribution center.

Lightning Pick software's Light Sled cluster feature allows users to build a group of orders and assign them to a light sled, which has light modules attached. A simple bar code scan puts the Pick-to-Light zone into Cluster Build Mode, then the operator scans an ID bar code on the light sled. Next, order bar codes are scanned to add them to the cluster. The pick quantity displayed at each pick location represents the total sum required for all orders in the cluster.

Special Features

- Light sled battery provides power for a full 8-hour shift
- Light modules are designed for low power consumption
- Frame is constructed of rugged and lightweight aluminum
- Printer option to print price or box labels
- Controlled by standard PCs vs. proprietary black boxes, interfaces or protocols



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LP Light Sled Light-Directed Cluster Picking Solution

Light, Fast and Accurate

The operator proceeds to any location lighted in the zone and picks the displayed quantity. When the operator presses a location confirm button on the Pick-to-Light, lights on the sled corresponding to the assigned containers will display the correct sortation quantities.

The Pick-to-Light controller and battery is mounted on the Light Sled frame, which is constructed of rugged and lightweight aluminum. The controller communicates with Lightning Pick via 802.11 b/g WiFi. The battery provides power for a full eight hour work shift, and can be easily swapped out as needed. Recharging units can be provided for each light sled which plug into normal 115 VAC outlets.

Advantages

- Economic alternative to enable cluster picking methodology
- Increased productivity
- Higher accuracy levels
- Solution design ideal for use with existing conveyor and other material handling equipment
- Light sleds can be used within existing pick-to-light or paperless picking systems



Let's talk about your application.

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