

RF PicKart™

Mobile RF Batch Pick Cart

U.S. Patent 5,812,986



Overview

The patented RF PicKart™ Cart is a paperless order fulfillment system that utilizes the *Pick-MAX™* picking hardware mounted to a mobile cart. The RF carts provide a cost effective method of picking multiple orders at a time on a single pass through the warehouse, making order pickers more accurate and productive. The RF PicKart™ Carts are computer controlled and communicate with the computer system via a RF network, providing real-time response and reporting. The system directs pickers to warehouse pick locations in the most efficient route, minimizing walk distance while fulfilling multiple orders.

Features

- ◆ Easy to use
- ◆ Power assist and custom designed models available.
- ◆ Pick to Light equipment can be mounted on existing carts.
- ◆ Up to 40% faster than conventional picking and nearly 100% accurate.
- ◆ Saves time and labor costs
- ◆ Lower cost per SKU than standard pick/put to light
- ◆ Supports an unlimited amount of SKUs
- ◆ Long lasting batteries can go 12 hours in-between charges
- ◆ Multiple serial devices(bar code scanners, printers, etc...) can be used

Benefits

- ◆ **Lowest Cost Picking per SKU Available** – The RF PicKart™ Cart is ideal for applications that have several pick faces (SKU's) and cannot justify a full pick-to-light system. Because the put modules are mounted on the cart and not at each pick location, the number of modules is independent of the number of locations being serviced.
- ◆ **Easily Adapted to Existing Operations** – The RF PicKart™ Cart is easily adapted and integrated to existing systems, because of its simple control program interface.
- ◆ **Improved Efficiency** – The RF PicKart™ Cart systems provide batch optimization capability that groups orders by common pick locations utilizing a very efficient algorithm. The picker visits each warehouse location less to fulfill the maximum amount of orders in a “Perpetual Batch”.
- ◆ **Improved Speed & Accuracy** – An alphanumeric cart display directs pickers to each warehouse location. When they arrive at the location, the picker can scan either the product at the location or the location label. The put modules, on the cart, then illuminate all the locations/orders on the cart that require that product and display the quantity required for each order.
- ◆ **Real Time Reporting** – All the order information is being transmitted in real-time via the RF network, so inventory levels are continually updated and accurate invoices and packing slips can be automatically generated at the end of a pick run.

IPTI

Innovative Picking Technologies, Inc.

W1236 Industrial Drive

Ixonia, WI 53036

Phone: (262)567-6525 / Fax: (262)567-6963

Web: www.ipti.net / Email: info@ipti.net