

PickCart by Pcd data

The quick and efficient multi-order picking solution from Pcd data





PickCart by Pcdat

Pcdat's PickCart is a simple and flexible multi-order picking system which uses Pick-to-Light technology, barcode scanning and a tablet which guides the picker through the warehouse.

PickCart is an excellent solution for organizations, that:

- Currently pick orders on a time. PickCart will immediately increase productivity by turning the operation into a multi-order picking process.
- Batch pick, but need to sort at the end. The PickCart automatically sorts the orders as they are being picked and eliminates this extra step.
- Use multi-order voice picking, RF terminals or even ordinary paper pick lists. A switch to PickCart will significantly increase efficiencies.

PickCart is a multi-order picking system that is unique with its navigation algorithms that reduce walking distances and therefore lead times to a minimum. Because of its visual nature and simplicity, picking multiple orders at the same time can be done virtually error-free. The SKUs are immediately sorted to the customers as the orders are being picked.

PickCart is the solution for ANY logistic operations

The employee is visually guided to the picking locations through the PickCart's tablet display. The pick location is confirmed with a scan. This scan simultaneously triggers the cart mounted pick displays to light up, each showing how many of this items needs to be selected for each order. Every individual order pick is confirmed by pushing the button on the display.

Pcdat's PickCart is well suited for any warehouse operation, but particularly for those areas of the business where an investment in technology is hard to justify; Slow movers or fast changing inventory (3PLs), short term inventory that can't be placed in flow racks. Other applications include clothing warehouses or e-commerce. With many one line orders this system can help finish orders efficiently and quickly. In short, Pcdat's PickCart applications are suitable for optimizing many and very diverse logistic operations.

Higher productivity, less picking errors

PickCart offers all the advantages of Pick-to-Light, packaged in a mobile application. This winning combination generates higher productivity and higher quality picking than either barcode scanning or voice picking can. Not only are operators able to work 'hands-free', they are constantly reminded through the lit displays of the number of items to place to each order until final confirmation.

Especially with multi-order picking, process errors are easy to make. Order pickers constantly move between the pick location and the PickCart. Chances are items get put in the wrong container every now and then. Through the visual guide of Pcdat's order pick displays, which are illuminated until the picker confirms the order has been picked, these common errors are reduced to almost zero.

Efficient warehouse navigation software

The PickCart software works standalone and was developed to achieve optimal ease of use and operational simplicity. The PickCart software calculates the most efficient warehouse routing based on the specific orders to be picked, and displays this route in a visual 'map' on the PickCart tablet. It is a highly flexible and easy to configure module. The software allows for operational constraints such as one-way aisles, blockages or tight passages to be directly taken into account.

'Click & go' components

Pcdat's PickCart components can be retrofitted onto virtually any order picking cart and can be adapted to virtually any specific operational requirement. The PickCart hardware is mounted directly onto the order picking cart(s). Thanks to the unique 'click & go' design, retrofitting can be done quickly and easily. The PickCart hardware itself is thoroughly fieldproven over numerous application and environments. No need to invest in new picking carts to take full advantage of the latest generation order filling technology. huidige IT-infrastructuur is in verreweg de meeste gevallen toereikend. Ook hoeft u niet bang te zijn voor het aanpassen van

 **PickCart**



uw warehouse management systeem (WMS) met ingewikkelde algoritmes – dat zit allemaal al in het PickCart-systeem.

No costly Network-, or WIFI investments

Pcdata's PickCart does not require high powered servers or complex network set-ups, in most cases the existing IT landscape can be used. There is also no need to worry about developing complex walking algorithms in the WMS – it's all part of the PickCart package!

The warehouse management system communicates with PickCart wirelessly, at the beginning and at the end of the picking route. Network failures or interruptions due to poor signal in highly built up warehouses will have no effect on the picking operation itself. In fact no extensive WIFI connection is necessary at all, only at the point where the picked orders are dropped and the new orders are loaded. The on-cart barcode scanner used for confirming the correct pick location connects to the PickCart-module through Bluetooth.

No investments are needed in an expensive WiFi-network with sufficient coverage to work with the PickCart in every corner of the warehouse. Even with pre-existing WiFi-networks, there is no need to worry about weak coverage due to for instance the interference caused by all the magazine racks. The order picking process is never interrupted, the operators can always be productive.

Easy to learn and easy to use

The use of the latest generation of order picking displays eliminates the errors that would normally be made in the collection of multiple orders at once. The operator only has to focus on the visual feedback from the tablet and the pick displays. The pick displays show which customer receives how many pieces. It also increases efficiency because not every pick has to be confirmed with a scan or a command.

Using a PickCart requires only the minimum of training; there are no complex menus, no difficult voice commands, no triggers to learn, no complex picking lists to decipher. This means employees start gaining efficiencies fast and temporary staff can be brought on board with only short notice, increasing operational flexibility. Thanks to the visual navigation module new and/or temporary employees will find their way around much faster too.

Uninterrupted picking for eight hours – or more

PickCart runs on a rechargeable mobile battery pack that will last for more than eight hours. For multi-shift operations the battery can be changed over in a matter of seconds. Both the display and user terminal tablet are low consumption devices, making them highly mobile and long lasting.

Pcdata's PickCart is the the most flexible, easy to use and economical multi-order pick solution on the market today. It's the culmination of Pcdata's 25 years of logistics know-how and latest technology ported into a simple mobile order picking station. One PickCart can pick 10, 20 or even more orders at the same time without any problems.

PickCart

Rapid, error free multiple order picking at once.

What does it do?

- Mobile order picking solution to collect multiple orders in one go-around through the warehouse
- Makes it possible to sort picked items to customers during picking process
- Calculates the optimal walking route through the warehouse
- Robust, field proven solution which delivers more than eight hours uninterrupted order picking

Benefits

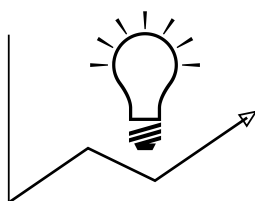
- Minimal walking distances and lead times
- Virtually error free order picking through unique order pick displays
- Easy and intuitive to use, quick to train
- Flexible system, suitable for any warehouse operation



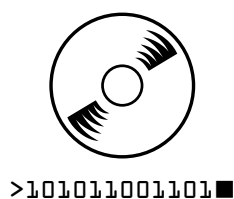
Contact information

Wiebachstraat 32
6466 NG Kerkrade
The Netherlands
Phone +31 (0) 45 544 23 43
Fax +31 (0) 45 544 44 24
www.pcddata.nl
info@pcdata.nl

Brain-ware



Software



Hardware

