

[New Product] "CP Cart", a Multiple Flexible Picking Cart.

AIOI is happy to release "CP Cart", a new picking cart that can be freely designed to suit on-site operations.

The picking cart equipped with Poka-yoke function are now available to prevent mis-picking to aim improved accuracy of picking and sorting in logistics operations.

AIOI Systems Co, Ltd. (Head Office: Shinagawa-ku, Tokyo; President: Yutaka Yoshino; hereinafter referred to as "AIOI") develops, manufactures, and sells logistics systems that support Digital Transformation in logistics and manufacturing industry. AIOI has started Built to Order for CP Cart (*1), a multiple order picking cart ideal for multi-order picking in distribution warehouses.

This picking cart was developed from the know-how of the industry's global top market share picking system and aims for mistake free.

This picking cart can be freely customized to suit the customer's environment and challenges, including the light modules with a shutter-type and a sensor version that does not require pressing Complete Button.

*1 "CP Cart" stands for "Customizable Picking Cart", which means a cart that can be customized per customer's requirement.



Release Background

Along with shortage of truck drivers, the "sorting" and "picking" processes are said to be even more understaffed than in some cases. With the spread of e-commerce, Low Volume High Mix orders are on the rise, and flexibility is becoming increasingly important.

With the introduction of the CP Cart, AIOI will make it possible to systemize the cart according to the customer's site and contribute to improved operational efficiency and operation leveling in the distribution warehouse.

■Features of CP Cart

Equipped with AIOI's Pick to Light module, operation and cart design can be tailored to the site. Since amount and size of goods to be picked and the width of aisles in a warehouse vary from site to site, AIOI offers picking carts that are best suited to the actual conditions at your site. By preventing picking wrong items, our customers can prevent wrong shipments.

- It can be freely designed to suit on-site operations.
- AIOI's unique simple design with reduced wiring allows for easy maintenance and operation.
- Pick to Light System function enables to convert operation processes to data and supports DX (Digital Transformation).
- Shutter Assortment System SAS (*2) prevents wrong sorting. Ideal for multi-order picking.

(*2) Shutter Assortment System (SAS) is a state-of-the-art light module with a shutter to minimize picking and sorting errors to near zero. SAS is a small-lot sorting system that can be used for both Order Picking and Batch Picking.

It can improve operation accuracy and efficiency, reduce training costs, and convert picking and sorting processes to data.



About AIOI Systems Co., Ltd.

Under the vision of "Surprising the World with Innovative Ideas! AIOI Makes the Future!," AIOI supplies products that support DX in logistics and manufacturing all over the world. AIOI provides products that contribute to improving on-site productivity and DX to logistics and manufacturing companies around the world, including Pick to Light System, which we deliver to 72 countries around the world and are the global market leader, Projection Picking System with a Poka-Yoke (fool proofing) function applying projection mapping, and world's first smart card to commercialize digital paper. We will continue to develop original systems through innovative thoughts and ideas and deliver them from Japan to the world.

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Representative: Yutaka Yoshino, President and CEO

Main Business:

1. Consultation, design, development, manufacture, sales, and installation of logistics and manufacturing related system.
2. Development and sales of Packaged Software and Logistics Management Software.
3. Maintenance of logistics and manufacturing related system equipment and software

Website: <https://www.hello-aioi.com>

AIOI System Co., Ltd. is a group company of TOPPAN Holdings, Inc.