



Professional replacement part logistics. Replacement parts on pallets

From idea to solution

Replacement parts logistics is a classic example of the advantages of the use of automated small parts warehouses, but during the installation for the company Hitachi in the Dutch town of Oosterhout a different route was taken. Together with the company Daifuku they developed a solution which was to simplify the handling of large replacement parts. The existing replacement part warehouse for Hitachi's building machinery department was equipped with a fully automatic two-lane pallet warehouse with an ergonomically designed working station.



Philosophy of the solution

Replacement part logistics and safeguarding the supply chain to the customers were for Hitachi the most important factors in this philosophy. For this reason they chose the automated option for their order picking for large replacement parts.

The ergonomic design of the workplace for quick, secure and reliable handling was yet another requirement for this warehouse.



Intelligent solutions

In this particular case a combination of manual warehouse sections such as shelving units, of semi-automatic sections such as paternoster facilities and the fully automated pallet warehouse ensure an optimal supply of replacement parts.

Using a Daifuku Sorting Transfer Vehicle (STV) as the distribution vehicle in the goods processing area simplified the layout, resulting in an improved ergonomic workplace.



Fully integrated

The various warehouse sections and the management are integrated via a warehouse management system called SattStore™ from the company Consafe Logistics. This also makes it possible for the space-saving two-tier storage of pallets to be managed optimally.

Professional replacement part logistics with the most modern means in accordance with the customer's wishes



Large part order picking
Fully automatic, reliable,
efficient and optimised



Daifuku System solutions

- Planning
- Consulting
- Design
- Installation
- Service

We will be delighted to visit you.

You can make use of this opportunity to receive an on-site consultation without any obligation, during which we will be able to prove to you how the flow of materials will benefit from the use of our products.

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