

H-BEF-0010 Fork Lift Truck RFID System

Rugged & Robust FLT RFID Reader System

The H-BEF-0010 is a robust, heavy duty RFID System designed to offer a solution to automated pallet handling through FLT based accurate and reliable RFID data collection involving minimal human intervention and therefore ensuring maximum speed and virtually no (random or deliberate) errors and discrepancies

Description

The H-BEF-0010 houses an Alien ALR-9900+ Gen 2 RFID Reader and 1 to 2 antennas depending on the selected functionality, thus enabling the continuous monitoring of RFID equipped objects when moved around inside and outside the warehouse. This integrated system automates data capturing processes and is an ideal solution for:

- Fast and accurate pallet slotting (right pallet in the right slot)
- Fast and accurate receiving, storing, shipping and cross docking
- RFID enabled stock taking.

Fast & Easy Installation

This FLT RFID reader is really easy to install and maintain. The all-in-one configuration of the system allows its easy attachment to the front-end of the FLT between the lifting forks.



The H-BEF-0010 is a plug-and-play device and is shipped together with the appropriate software drivers and middleware, so all is needed for its operation is to just turn the AC power on.



Main Characteristics & Business Benefits

- Automatic recording of the exact storage location of each pallet, which is achieved without the operator having to manually enter a location code or scanning its barcode and results in unprecedented location accuracy and pallet loading / unloading efficiency
- Automatic identification of pallet RFID tags as they are being loaded or when the user manually requests for specific pallet verifications, hence eliminating operator errors
- Automatic identification and moving of pallets between racks, staging areas, dock doors and trucks in a transparent, user-proof manner
- Fast and accurate stock-taking process just by passing through each warehouse corridor
- **Easy and seamless integration with third-party warehouse management systems (WMS) through standardized RFID middleware (RFID Wedge)**, which simulates conventional barcode operation

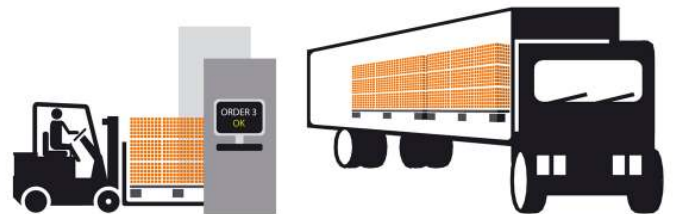
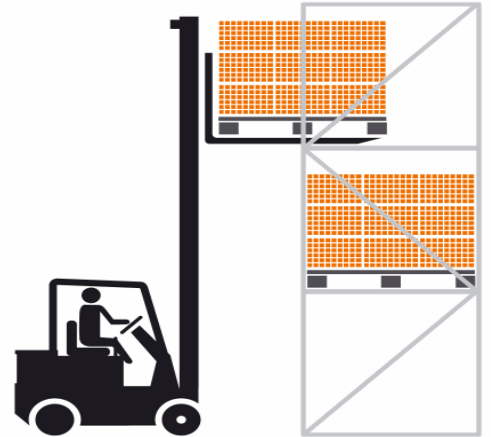
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Standard Features

- Customizable dimensions for non-standard FLT fork cages
- Compliance with most popular FLT Makes & Models
- Build in WiFi connectivity
- Rugged system, designed to withstand harsh industrial environments and rough utilization
- Integrated digital I/Os and power supplies

Optional Features

- Signals: Sound alarm
- Antennas: 2nd antenna for fast RFID stock-taking
- Sensors: Pallet presence sensor for triggered reading



Technical Specifications

- Ext. Dimensions (H/W/D): According to FLT Make & Model
- Power Requirements: From FLT Battery (12V, 24V, 65V, etc)
- Operating Temperature: -20°C to +50°C
- RFID reader: Alien ALR-9900+ Enterprise RFID Reader, EPC Gen 2



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