

RFID Solutions MRU-220

Sensor-based RFID Forklift Systems



Applications:

Integrated forklift system purposely designed and built to solve the business use applications such as:

- Slotting pallets in rack-configured warehouses
- Cross-docking
- Receiving
- Shipping

Benefits:

Benefits of the Micronetics RFID Forklift System include:

- Increased Operator Efficiency
- Maximize Pallets Processed
- Improved Forklift Utilization
- Reduce Material Losses



System Specifications

Sensor-based RFID Forklift System designed to eliminate false reads:

- Pallet "on" sensor to identify pallet on/off condition
- Height sensor aids elimination of extraneous reads
- Microprocessor manages sensors
- UHF Speedway® Reader by Impinj®
- Custom Micronetics RFID Solutions antennas, designed specifically for forklift
- Reads pallet and item tags in any orientation or polarization
- Wi-Fi connectivity to your enterprise
- Rugged, powder-coated, corrosive resistant steel housings minimize shock and vibration
- Superior industrial grade materials withstand years of use in punishing factory environments
- Tested for durability, strength, and resistance to shock, moisture and dust

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Put Away / Slotting

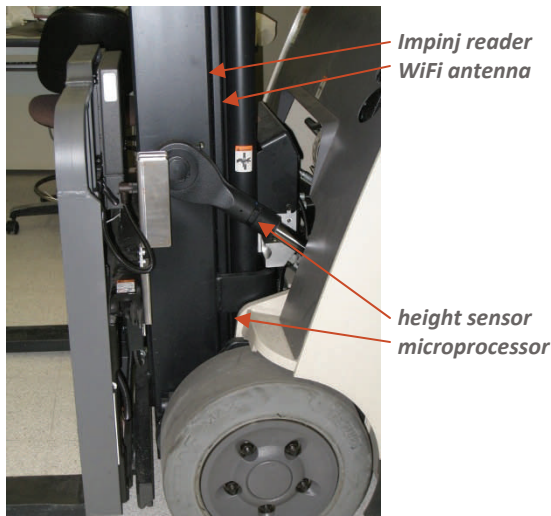
The Micronetics RFID Solutions forklift system can:

- Automatically records an objects exact storage location without requiring the operator to manually enter a location code or scan a bar code, resulting in superior accuracy and efficiency.
- Identifies a pallet's RFID pallet tag after it have been loaded onto the forklift, eliminating false reads

Receiving/Shipping

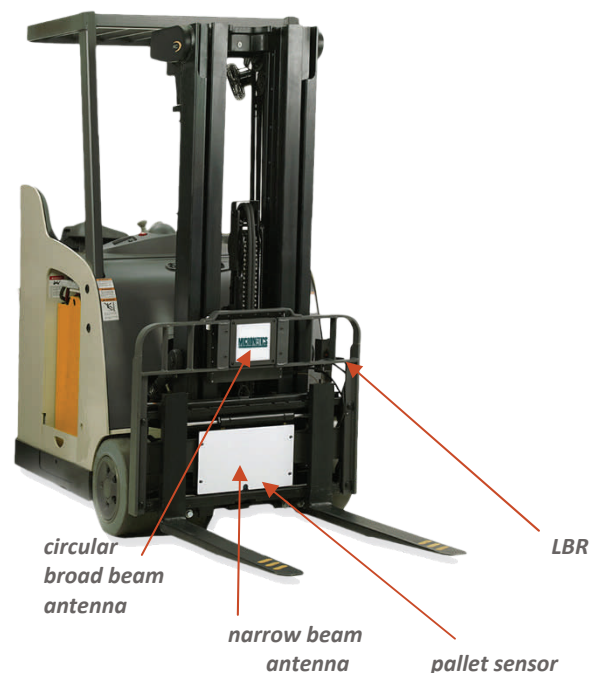
As receipts or shipments are processed the Micronetics RFID Solutions forklift system can:

- Identify and move pallets in a seamless process between tacks, staging areas, dock doors and trucks, eliminating the need for manual checking and bar code scans
- Eliminate the need for established RFID verification tunnels or choke points that add expense, complicate your normal work flow and clutter the warehouse floor
- Read rack, floor and wall tags to identify each unique dock door, rack or floor location. With enterprise integration, receipts and shipments can be confirmed against a PO or an Advanced Shipment Notice; further reducing the need for operator intervention.



Cross Docking

The Micronetics RFID Solutions forklift system can read pallet and case tags and provides the means to associate them to a dock door, rack or floor locations, delivering the tools to facilitate cross-docking operations. The process of unloading and reloading trailers or railcars to warehouse staging areas is ideally suited for the Micronetics RFID Solutions forklift system.



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