



Wireless Forklift-Mounted Pallet Scanning

Reduce maintenance costs and downtime, increase efficiency with forklift-mounted scanning

Challenge



Pallet scanning is critical to warehouse and distribution center operations. Traceability and routing of goods throughout the supply chain requires forklift operators to scan each pallet accurately and efficiently. Manual processes too often introduce risks and bottlenecks into this process. Forklift operators equipped with handheld scanners often have to dismount to read pallets – impacting efficiency – or lean out of the vehicle – introducing safety hazards.

Solution

Wireless forklift-mounted scanning solutions from Zebra help to automate the scanning process whilst minimizing safety hazards, driving operational efficiency. Forklift operators can trigger a pallet scan from the safety of the cab at the push of a button and send data directly to warehouse management systems (WMS).

Unlike conventional cabled scanning solutions, Zebra offers a unique battery-operated wireless setup. This minimizes the risk of downtime and maintenance associated with damaged data cables, boosting your bottom line.



 Without Zebra wireless forklift mounted scanning	 With Zebra wireless forklift mounted scanning
Poor user experience and safety issues – forklift drivers with handheld scanners dismount or lean from the vehicle to scan	Forklift operators can focus on driving, increasing efficiency and improving workplace safety – no arms outside the forklift
Lost efficiency – awkward manual scanning costs valuable time	One-button cab-mounted scanning operation delivers frontline efficiency gains
Inconsistency – manual handheld scanning leaves room for human error	No manual scanning required, reducing the risk of human error
Increased maintenance – wired forklift mounted solutions require constant maintenance as wires get damaged by the forklift mechanism	Wireless mounting reduces downtime and maintenance costs caused by damaged wires
Handheld readers can be dropped and damaged.	No more loose equipment means no more losses due to dropped equipment.

How it Works

The forklift driver positions the vehicle to read the pallet label and presses the button box to trigger the scan. Scanned data is transferred wirelessly from the connection box to the button box to update the WMS via onboard computer or tablet. The whole solution is powered via hot swappable batteries to maximize uptime.



Master connection box with connections for 2 scanners and a trigger signal.



Zebra FS40 Fixed Scanner










Button box with USB or sub-D connection

Battery powered, or external powered (12vdc-30vdc)

Button Box and Master Connection Box provided by Zebra Partner, Bout Solutions.

The Benefits

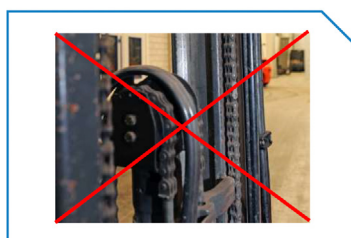
 <p>Simple and fast installation</p>	 <p>Replacing data cables becomes a problem of the past</p>	 <p>Improved workplace safety</p>	 <p>More accurate and efficient</p>	 <p>Cost effective</p>	 <p>Reduced maintenance costs</p>	 <p>Less downtime</p>
---	--	--	--	--	--	--



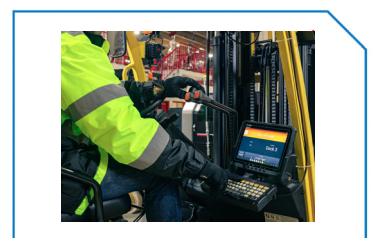
No arms outside the forklift



Simple and fast installation



No additional cabling required



Rugged vehicle mount computer

Optimize your warehouse operations

Learn more about Zebra's wireless forklift mounted scanning solution.

Zebra EMEA: contact.emea@zebra.com zebra.com/locations

