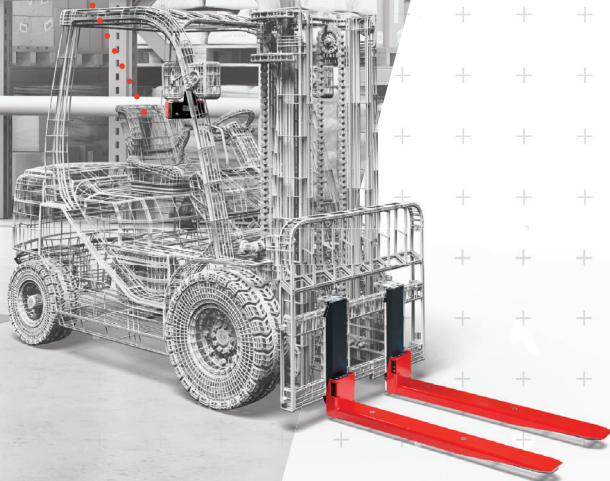


Business case

How to weigh all inbound palletized goods in order to increase revenues? Here's how to optimize your cross docking operations.



How to generate more profit without changing your WMS software platform, utilizing RAVAS

Recently, one of our logistic customers established an investment that minimized the impact on their cross dock operation but weighed their product efficiently and provided real-time data of each inbound into their TWMS system.

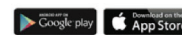
Investments

- RAVAS scales were integrated in the forks of each forklift truck and electric pallet truck.
- An indicator 3200 has been installed. The palletized goods' weight is transferred by Bluetooth into a Zebra TC21 located on the forklift.
- The Zebra runs the RAVAS WeightsApp, which presents real-time data as a QR code to the operator, who can download the file into his WMS system.

3 ITEMS NEEDED

1. RAVAS scale
2. RAVAS Indicator 3200
3. RAVAS mobile WeightsApp

Zero changes required for the WMS software or current hardware.



Intended results

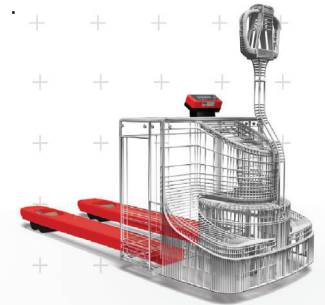
1 Increase revenues by re-invoicing surplus pallet weight

Usually, customers declare and predict individual weights for their pallet loads. Upon the integration with RAVAS they found the real weight to be significantly higher.

After discovering these significant results, this logistics company selected RAVAS as a partner to equip both forklifts and electric pallet trucks with a scale.

2 Optimize load factors and prevent overloads

By knowing every pallet's exact weight, truckloads can be planned precisely, maximizing load factors while avoiding overloads.



Solutions

RAVAS installed scales into the forks of the customer's forklift trucks and electric pallet trucks. Instead of a display, the scales use the RAVAS indicator 3200 to present the pallet weight on a Zebra handheld by means of a QR code. The scanned QR code imports the pallet's weight into the WMS data set. The advantage is that the pallet weight is integrated without any changes to the WMS software or hardware in use on the trucks.

New work cycle

On each scale forklift, every offloaded inbound pallet is weighed at the same time, and the weight is presented as a QR code on the Zebra's display. The operator scans the ID, opens the data set on the pallet, and uses the RAVAS WeightsApp to transfer it into the WMS system. With the data set completed, weight processing is added without any impact on the cross-dock operation.

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