

ARE PICKING ERRORS COSTING YOU MONEY?

Would you like to eliminate picking errors?



Correct picking errors where the cost of correction is lowest: at the picking slot!

RAVAS MOBILE SCALES ON YOUR ORDER PICK TRUCKS SIGNAL PICKING ERRORS

Picking errors cost money

There are lots of costs associated with picking errors. Some hidden, some very visible. Errors in your picking will result in lost or returned goods, stock differences, credit notes, phone calls and e-mails back and forth: loss of goodwill at your customers and a burden on your organization. The cost of picking errors may run up to hundred thousands per year and directly influence your bottom line profitability.

RAVAS mobile scales signal picking errors

A RAVAS scale built into the forks of your order pick truck allows you to check each individual pick on-line. Picking errors are signaled instantly and corrected on the spot, where the cost of correction is lowest: at the picking slot, before the picker moves on to his next pick location.

ROI studies show immediate cost savings

Installing RAVAS scales on your order pick trucks helps to realize immediate cost savings by eliminating picking errors. ROI studies have shown that payback time on the weighing scales is often less than a year, and that considerable cash flows are generated over the lifetime of those scales.

RAVAS

Pick by weight: how does it work?

Scale truck and WMS communicate online

Once order pick trucks are equipped with a RAVAS scale, the scale continuously measures the weight on the forks. The scale display is connected to your warehouse management system, via cable connection to a terminal on the truck, or via WiFi over your wireless network. After each pick, the scale and the WMS check for errors.

WMS compares target weight and actual weight

After each pick, the WMS interrogates the scale for the weight increase on the forks. It compares the actual weight on the forks with the combined weight that the articles in the order line should have. If the target weight and the actual weight correspond, the WMS concludes that the order line has been picked correctly.

Errors are signaled and corrected on the spot

If the picker has picked the wrong article, or an incorrect number of articles, the weight on the truck will not be the same as the target weight from the article database. The WMS sends an error message to the picker next to the truck, and the picker corrects his mistake. Picking errors are corrected where the cost of correction is lowest: at the pick location.



In combination with pick-by-voice

Weight and Voice go together

Using mobile weighing as a way to minimize picking errors works well in combination with voice controlled picking. Both systems, weight and voice, communicate in parallel: the picker gets his orders on his head set, picks the required articles and confirms by voice that he is ready. This triggers the system to interrogate the scale for weight increase from the picked articles. If target weight and actual weight correspond, the picker gets a go ahead on his head set, if they do not correspond, he will receive an error message and correct his picking.



Works for batch picking strategies

Batch picking: double or triple scales

Are you picking two or three orders on a single run through the warehouse on a double length truck? Batch picking creates efficiency, but also gives rise to extra errors: the picker can pick the correct article and number of articles, but place them on the wrong pallet or in the wrong container on the truck. For batch picking strategies RAVAS has created double and even triple scales: two or three separate scales on a single order pick truck measure the weight of each of the individual pallets or containers. A weight increase on the wrong pallet or container will trigger an error message, and the picker will correct his mistake.



Works on every brand & model truck

Every order pick truck can be a mobile scale

Every brand and model order pick truck can be equipped with a RAVAS scale. Scale components are integrated in the forks, a weight display shows the weight of anything lifted, and cable or wireless connections provide connectivity with your WMS or ERP system.



Benefits & advantages

- Cost reduction from eliminating errors
- Cost reduction from cancelling final inspections
- Performance of each individual picker monitored
- Improved supply chain control
- Documented quality of your services
- Less efficiency loss in quality and logistic departments



These companies use RAVAS mobile weighing systems to minimize errors in their order picking:

bol.com

3M

cb
ahead with
smart logistics

coop

Danlog
עולם של פתרונות לוגיסטיים

chemipal

DHL

Henkel

SCHWAB
Gemüse + Früchte
2577 Siselen

Nestlé

DSC
LOGISTICS AND
SUPPLY CHAIN MANAGEMENT

FOXhome
happy home

OSEM

L'ORÉAL
PARIS

IVECO



KUEHNE+NAGEL

MAHLE
ORIGINAL

Saba

Mäc-Geiz
DER HAUSHALTS-DISCOUNTER

Servizi Associati
Soc. Coop.

Jacques'

FRIGO
COLDSTORE LOGISTICS

Unilever



FIEGE

The World of Logistics

DIPLOMAT
GROUP

Interested?

Contact your RAVAS representative and ask for an **ROI study**.

Find out how much money you can save.

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