



Huuskes

Hands- and eyes free in a frozen warehouse is a huge advantage

NO VOICE TRAINING REQUIRED:

The system uses a Speaker Independent Recognition. This means that the operators do not need to perform a voice training before they can start using the system.

MULTI-ORDER PICKING AND SORTING:

The voice software creates order batches up to four orders in one pick run. During picking the orders are immediately sorted by customer.

HANDS- AND EYES FREE:

Working in a refrigerated environment the operators wear protective clothes and gloves. With Inther LC Voice there is no more handling of paper picking sheets. Truly hands- and eyes free.

Huuskes Versproducten is one of the leading companies in the area of fresh food, groceries, convenience, and frozen goods for wholesale businesses in the Netherlands. Huuskes supplies a unique and large array of products. They can produce as well as store almost everything 'under one roof'.

To optimize the efficiency, productivity, and quality of the order picking process, Huuskes selected Inther to automate its frozen goods warehouse in Enschede with Inther's Pick by Voice system.

Concept

Prior to the implementation of Inther LC Voice the order picking was done using paper picking sheets. Working with paper sheets in a freezing environment offers many challenges when operators are wearing thick protective suits and gloves. By implementing voice, a hands and eyes free working environment is created. This is another factor that weighs heavily in a refrigerated warehouse.

Since most of the orders have a small volume (one roll-cage or less) Inther LC Voice can pick up to four orders in one batch. The Inther LC Volume calculation ensures the most optimized composition of a pick batch based on the orders volume. Once added to a pick batch the pick instructions are presented to the operator in a route-optimized sequence.





Methodology

For every pick instruction the following steps are performed by the operators:

1. Location confirmation
2. Pick quantity confirmation

The Inther LC Voice system almost eliminates all picking errors and increases the safety. Operators have hands and eyes free and can focus on the locations and items only. Also the check digits that the operator confirm are in fact the last two numbers of the EAN barcode of the item. This way the operators are physically confirming the item, which prevents them from picking the wrong product.



Erik Huuskes, operation manager at Huuskes Versproducten:

“... the operators are not just able to work hands- and eyes free, the online confirmation of all pick instruction gives a lot more overview in the entire logistic process.”

Speech recognition and training

Inther LC Voice uses a Speaker Independent Recognition (SIR). This means that there is no need to create a user voice profile before he/she can start using the system. The time consuming speech training where operators have to enter all possible voice commands and phrases is no longer necessary. Using the SIR, the operator can immediately start picking after a brief explanation of the voice dialog.

Summary

- **Open system**
- **Easy integration**
- **Truly Hands- and Eyes free in a refrigerated environment**
- **Natural voice, no synthetic computer voice**
- **Multi order picking and sorting**
- **Fast operator training**



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