Pick-by-FRAME®

LUCA
Logistic Solutions

paperless

efficient

flexible

inexpensive

fast

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Pick-by-Frame®
Picking technique is combined with standard picking carts.

The innovation for picking carts

Pick-by-FRAME®

In many companies picking is still conducted by using paper sheets and picking carts. With the innovative Pick-by-Frame®-system you can still make use of the picking carts whereas the picking list is replaced by efficient and optimally available technique.

Advantages

- Easy and reasonable switch from manual to paperless picking
- Flexible combination of the new technique with standard picking carts
- Optimal usage of the technical equipment
- Increase in quality and speed during the picking / sorting process
- Quick adjustment of the displays / bars by easy reconnection
- Low investment volume

The standard process

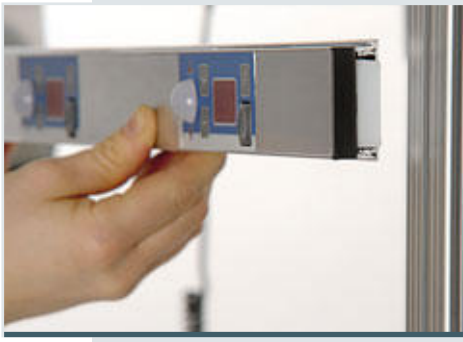
A picking list is activated on the Pick-by-Frame®. The employee is led to the picking location by the central display along optimised route. By reading the storage location or the item with the help of a barcode scanner the correct withdrawal box can be confirmed. The central display shows the total amount of the particular item for all consignments which have to be processed. After that the employee allocates the total amount to the activated withdrawal boxes.

With this method several orders can be approved and accepted at the same time – fast and with high quality.

After completing the picking list the Pick-by-Frame® is unlocked electromagnetically from the cart by keypress and can be used for the next picking order with a different cart immediately.

Central display
The central display shows the coordinates of the storage location as well as the accumulated with drawal quantity including additional information.

The magnetic coupler
The picking frame is docked to the picking cart magnetically and decoupled electromagnetically by keypress.



Removable displays
The display bars can be equipped with displays as required and configured individually by number and position. The installation of the bars to the Pick-by-Frame® is very easy.

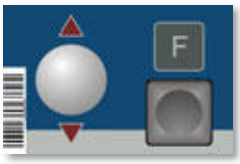
Technical specifications

Central display

LCD-display 4 lines with 20 characters each
7-coloured signal light
Acknowledgement button
Number pad with 12 buttons
3 freely programmable buttons
Connection RS 232, RS 485 for scanner, printer etc.

Applicable display types

7-coloured signal light
Up / down arrows



7-coloured signal light
Acknowledgement button
Up / down arrows

3-digit numeric display (14 mm)
7-coloured signal light
Acknowledgement button
+ / - button
1 freely programmable button
Up / down arrows

4-digit* numeric display (20 mm)
7-coloured signal light
Acknowledgement button
+ / - button
1 freely programmable button
Up / down arrows
* Also available as 6-digit display

6-digit* alphanumeric display (20 mm)
7-coloured signal light
Acknowledgement button
+ / - button
1 freely programmable button
Up / down arrows
* Also available as 12-digit display

General Data

Number of displays / bars	freely configurable
Dimensions	Wanzl Standard KT3 (all types) or customised on request
Power supply 24 V (swap battery)	12 Ah or 24 Ah
Service life*	18 hrs / 36 hrs
Charge time	3,2 hrs / 6,5 hrs
Operating temperature	0 to + 50°C
Connection to the picking cart	magnetically with electrical unlocking
Weight without batteries	approx. 18 kg

*For 12-digit displays and 20°C ambient temperature.

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