

## 14.05. Barcode scanning and pick list checking

Added: Version 4.02

Another way barcode scanning can be useful is in checking that goods picked off the shelf for distribution to a customer match what was on the pick list.

This is done when distributing goods to a customer on a customer invoice. When the preference to use barcode scanners is turned on (see [Barcode scanning preferences](#)), the customer invoice window for new or suggested status customer invoices has a new *Pick list check* button:

The screenshot shows the 'Customer invoice' window. At the top, there are fields for Name (Test Customer 01), Their ref (Order:1234), Comment, Confirm date (30/09/20), Category (None), Colour (Black), Invoice (2), Entry date (29/01/2019), Goods received ID (0), Status (new), Entered by (user 1 (pass= user1)), and Store (General). Below these are buttons for New line, Delete line(s), Backorders, History, Confirm, and Picklist Check (highlighted with a red box). The main table has columns: N..., Li..., Location, Item Name, Quan, Pack Size, Batch, Exp date, Sell Price, and Price exten. The table contains three rows of data. At the bottom, there are fields for Other charges, Item, Amount, Subtotal, 0 % tax, and Total. The bottom right has buttons for OK & Next, Delete, OK, and a printer icon.

N...	Li...	Location	Item Name	Quan	Pack Size	Batch	Exp date	Sell Price	Price exten
1		test item 01		20	5	ds1g167		0.20	4.00
2	b1	Test item 02		15	1	uicpc675	31/01/2020	0.00	0.00
3	a2	Test item 02		40	2	zxcv67	30/04/2023	0.00	0.00

When you have finished adding lines to the customer invoice, you print the pick list in the normal way (see [Issuing goods to a customer](#)), pass the pick list to the warehouse staff and they pick the goods off the shelf.

You can then check the right goods have been taken off the shelves as they are picked or when the pick is complete. To do this, click on the *Pick list check* button and the following window will open:

**Check Pick list**

Customer:  Test Customer 01

Pick list for invoice Number:  2

Less scanned than on pick list ▼  
More scanned than on pick list ▲  
Same scanned as on pick list ✓  
Not on pick list ✗


Pick list lines


Item name	Number of packs	Number scanned	Batch	Expiry	Status
test item 01	20	0	dsfgrt67		▼
Test Item 02	15	0	uispo675	31/01/2020	▼
Test item 02	40	0	zxc'v67	30/04/2023	▼

Cancel    OK

The *Customer* and invoice number fields are for reference and are read only. The table contains all the lines on the customer invoice. The status column contains a 🚩 symbol for each item, indicating that less packs have been scanned than are on the pick list.

Scan the GS1 barcode on each item and mSupply will increase the *Number scanned* value of the correct line as you scan.

When the number scanned reaches the same value as the *Number of packs* the status will change to a , indicating it is the correct number.

If more are scanned then the *Status* will change to  to show that more packs have been scanned (picked) than are on the pick list.

If an item is scanned that is not on the pick list, it will be added to the bottom of the table with a **❌** for its status and a *Number of packs* of zero. Subsequent scans of the same item will add to the *Number scanned* value but the Status will always be **❌**




The number scanned column is editable as a time-saving measure for large picks. If you have many packs of the same item, you can manually count them then add the correct number to the value in the column.



If you scan a barcode that is not a valid GS1 barcode or is a valid GS1 barcode but not linked to an item in mSupply, you will be shown an error message and the scan will be ignored.

When you have finished scanning all the picked items, a simple look at the *Status* column will tell you

if the pick matches the pick list. If every row has a  then all is well. If any row doesn't have this status then something needs to be changed:

1. either put the wrong item back on the shelf and pick the correct one or
2. return to the customer invoice and edit it to match the items picked (this might involve inventory adjustments so that you can put the correct stock on the customer invoice)

When you have finished checking the pick, click on the OK button. Nothing is saved, the pick list check is for reference only.

You can run the pick list check as many times as you like after correcting the picked items or the customer invoice.

But, once you have finished picking the items and have confirmed the customer invoice, the picking process is counted as complete and the *Picklist check* button is removed.

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