

12.3. Replenishment

When replenishment configurations are set for a location or an item, the replenish tool will automatically create replenish orders when the following conditions are met:

- the stock reaches the minimum quantity set for the location or item
- there are available stock on the bulk locations for the replenishment

The replenishment orders can be executed on the shopfloor.
Replenish tool also generates a 'ReplenishTool' log file.

12.3.1. Configuration

12.3.1.1. Replenishment generator

Select the replenishment type at the 'Replenishment generator'.

- '*Generates replenishment orders (DEREPGEN)*' replenishment orders are triggered based on the configurations on the pick locations.
- '*Generates item based replenishment orders (BREPGEN)*' : replenishment orders are triggered based on the configuration on the item master data.

For more information about the replenishment generator see: [5.1.3.50. Replenishment generator](#)

12.3.1.2. Item master data

Extra configurations needed for the item based type replenishment order. Add a value to the '*Replenishment: Quantity on pick locations*' and '*Estimated sales quantity by month*' field in the Item Master Data.

For more information about the Item Master Data settings see: [3.1.3. Produmex Sales Tab](#)

12.3.1.3. Pick location

Enable the '*Can be replenished*' option and adjust the minimum, maximum and replenish quantity of the item for the pick location to be replenished.

For more information about the bin settings see: [5.2.6. Bin settings](#)

12.3.2. Process

To execute the replenish orders, press the 'Replenish pick locations' button. Reach the button from Logistics > Move.



- [Select zone](#)
- [Select replenish order line](#)
- [Identify source logistic unit or location](#)
- [Identify product](#)
- [Enter quantity](#)
- [Scan destination location/SSCC](#)
- [Logistic unit/Item are moved](#)

Click on the flowchart element to go to the relevant section of the page or to open related documentation.

12.3.2.1. Select a zone

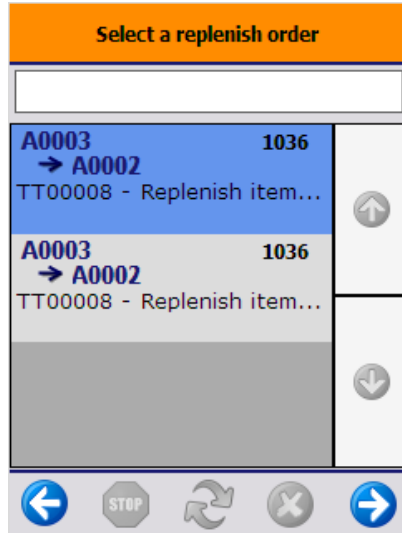
If the 'Select zone on replenishment flow? (Y/N)' option is enabled on the [Replenishment generator](#), then select a zone first. A zone is listed there is a location in the zone that is the destination location of a replenishment order.



12.3.2.2. Select replenish order line

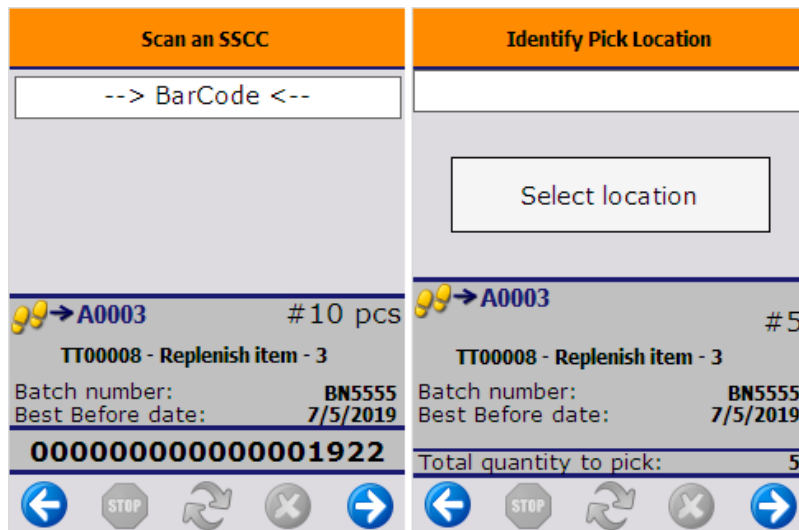
On the next screen every open line of replenishment orders from the warehouses assigned to the scanner is listed. If a zone was selected, only the lines of replenishment orders for locations that belong to the selected zone are listed.

In the example the replenishment order (1036) for a specific pick location (A0003) is split in multiple lines, because the system requires product from multiple sources (locations, SSCC's, batches...) to assemble the required replenishment quantity to fulfill the order.



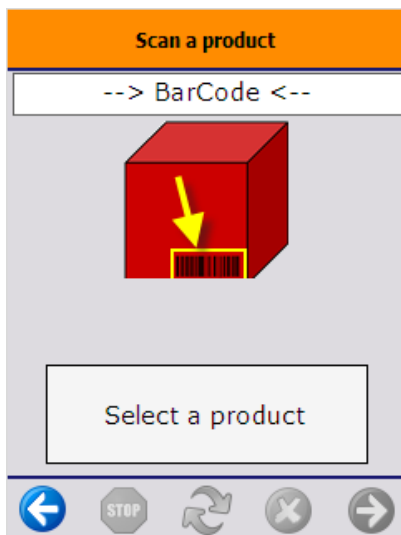
12.3.2.3. Identify source logistic unit or location

After selecting the replenishment order, scan the source SSCC. The bulk location and the source SSCC are displayed on the screen. Only the SSCC from the order can be scanned. If the scanned SSCC is a mono pallet with the exact same quantity as the quantity to replenish, the system automatically proceeds to the [Scan destination location](#) screen. In case of there is no SSCC present, scan the pick location or select it from a list after pressing the 'Select location' button.



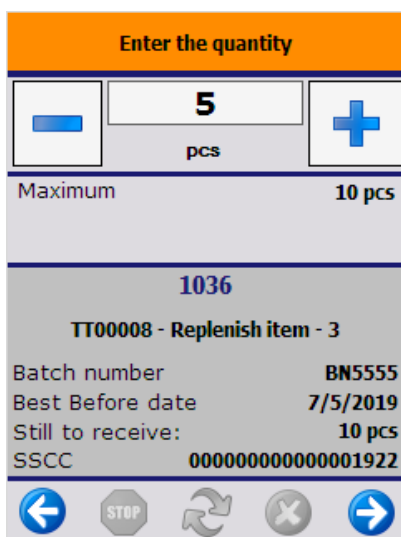
12.3.2.4. Identify product

If multiple items are stored on the logistic unit or bulk location, identify the product to move. Scan the product or select it from a list after pressing the 'Select a product' button. Every item that is stored on the logistic unit/bulk location is listed, but only the item to replenish can be scanned or selected. If there is only one item on the SSCC/ location, the system will automatically proceed with that item.



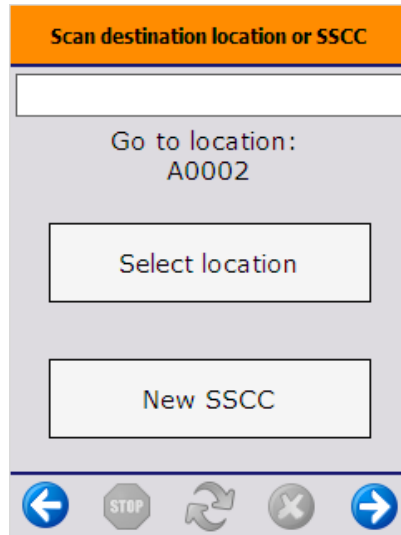
12.3.2.5. Enter quantity

Enter the quantity. By default the quantity on the replenish order line will be displayed, but it is possible to proceed with another quantity. The maximum quantity depends on the quantity of the item on the SSCC/ location.



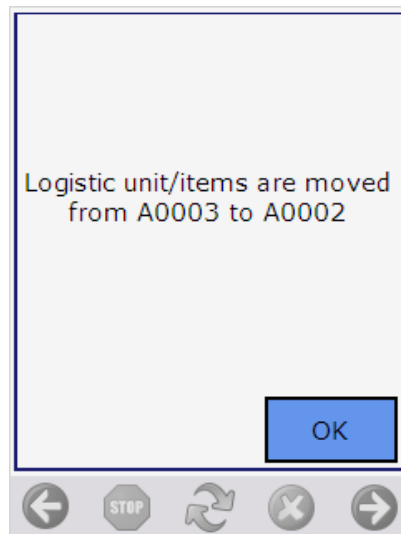
12.3.2.6. Scan destination location/SSCC

After having identified the products to move, scan the destination location or SSCC. To select the destination location from a list, press the 'Select location' button. It is possible to move the products to a new logistic unit. Press the 'New SSCC' button, then identify the destination location.



12.3.2.7. Logistic unit/Item moved

After having confirmed the destination location, the system registers the move of the logistic units or items and goes back to the 'Select a replenish order' screen. When all replenish order lines are processed, the replenish order is closed.



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