

4.21. Pickfaces and Replenishments setup

In a large, busy warehouse it is sometimes useful to designate some shelf locations as pickfaces. These locations are easily accessible for pickers, usually at floor level or the next level up in the racking. These pickfaces are then replenished from other, harder to reach locations somewhere in the warehouse.

Typically, these replenishments take place at a time when the activity does not get in the way of the busy pickers; at the beginning of the day or lunch time. A forklift driver will fetch the stock from the bulk location and place it in or near the pickface so that others can place it or open the cartons ready for picking.

Deciding which locations to replenish when can be hard to keep track of so mSupply has functionality to help and this is what is described here. There is quite a lot of setup involved so that's detailed on this page. The next page ([4.23. Pickfaces and Replenishments](#)) describes the actual functionality and how you use it.

Create pickface and bulk locations

The first thing you need to do is tell mSupply which locations can be used as pickfaces and which are used to store the bulk stock to replenish them with.

If the location doesn't exist in your system create it, if it does then open it for editing (see [4.06. Stock locations and location types](#) for details). You will see this window:

The screenshot shows the 'Edit location' window with the following fields and values:

- Code: A22A
- Description: Aisle A, position 22, level A
- Location type: None
- Replenishment location type: None (highlighted with a red box)
- Parent: None
- Summary:
- Comment: (empty text area)
- Total Volume: 1.8 m³
- Volume used: 0 m³
- Priority: 0
- Hold:

Buttons at the bottom: Delete, Cancel, OK, OK & Next.

Click on the Replenishment location type drop down list and select the type this location will be:

- **None:** The default for all locations and means that the location won't be selectable as a pickface and won't take part in replenishments.
- **Pickface:** means that this location can be selected as a pickface for an item and will be replenished.
- **Bulk:** means this location stores bulk stock that can be used to replenish pickfaces. Note that mSupply will **only** use stock in locations with a replenishment type of *Bulk* to replenish other locations. Any other stock in locations not set as *Bulk* type will be ignored in the automatic replenishment process. This means it is possible to protect stock that should not take part in the replenishment process by making sure its location has a replenishment type of *None*.

When you have finished assigning the replenishment type click on the **OK** or **OK & Next** button to save the changes. Repeat this process for all the locations that will be used as pickfaces or that will hold bulk stock that can be used to replenish the pickfaces.

Assign pickfaces to items

The next step is to assign pickfaces to items. To do this, find the item you want to set a pickface for and open its details window (see [4.01. About items](#) for details). Then click on the storage tab:

The screenshot shows the 'Item details' window for 'Amoxicillin 500mg Tablets'. The 'Storage' tab is selected in the left sidebar. The 'Default' section shows 'Default shelf location' set to 'None', 'Preferred pack size' 1000, 'Outer pack size' 24000, 'Volume per pack' 0 m3, 'Outer pack volume' 0 m3, and 'Weight per pack' 1 kg. The 'Restricted to' dropdown is set to 'None'. The 'Pickface' section shows 'Pickface location' A22A, 'Pickface pack size' 1000, 'Trigger replenishment at' 24 packs of 1000 Tablets, and 'Replenish up to' 288 packs of 1000 Tablets. The 'Bulk' section shows 'Bulk shelf location' a3, 'Trigger replenishment at' 2 packs of 24000 Tablets, and 'Replenish up to' 12 packs of 24000 Tablets. Buttons at the bottom include 'Delete', 'OK & Previous', 'OK & Next', 'Cancel', and 'OK'.

On this tab, enter details in the *Pickface* and *Bulk* sections. See the [4.01.02. Items - Storage tab](#) page for details on what the various values mean.

Define the users who can action replenishments

The final setup step is to tell mSupply which users can action replenishments. These are the users you can assign replenishments to.

Open a user for editing (see [25.15. Managing users](#) for details) and go to the *Permissions (3)* tab on the user's details window:

The screenshot shows the 'Edit user' window for user 'sussol' in the 'General' store. The 'Permissions (3)' tab is selected, showing various permission categories with checkboxes. The 'Can action replenishments' checkbox is checked and highlighted with a red box.

Category	Permissions
Document management	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Upload tender document <input checked="" type="checkbox"/> Download tender document <input checked="" type="checkbox"/> Delete tender document
Quotes	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Upload quote document <input checked="" type="checkbox"/> Download quote document <input checked="" type="checkbox"/> Delete quote document <input checked="" type="checkbox"/> Modify quotes entered by the supplier (via the website)
Items Lines (Batches of Stock)	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Upload batch document <input checked="" type="checkbox"/> Download batch document <input checked="" type="checkbox"/> Delete batch document
Stocktakes	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Create stocktake <input checked="" type="checkbox"/> Delete stocktake <input checked="" type="checkbox"/> Add stocktake lines <input checked="" type="checkbox"/> View stocktake lines <input checked="" type="checkbox"/> Edit stocktake lines <input checked="" type="checkbox"/> Delete stocktake lines <input checked="" type="checkbox"/> Edit stocktake dates
Virtual Stores	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Create new stores <input checked="" type="checkbox"/> Edit store details <input checked="" type="checkbox"/> Edit visibility in stores
Reminders	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Edit and delete reminders assigned to me
Admin	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Send email <input checked="" type="checkbox"/> Purge old records <input checked="" type="checkbox"/> View log <input checked="" type="checkbox"/> Set start of year stock <input checked="" type="checkbox"/> View/edit preferences <input checked="" type="checkbox"/> Export & import <input checked="" type="checkbox"/> Backup data file
Assets	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> View assets <input checked="" type="checkbox"/> Add/edit assets <input checked="" type="checkbox"/> Setup assets
Vaccines	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> View and edit temperature breach configuration <input checked="" type="checkbox"/> View and edit vaccine vial monitor status
Customer budgets	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Add/import customer budgets <input checked="" type="checkbox"/> Edit/delete customer budgets
Registration	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Add/edit registrations <input checked="" type="checkbox"/> Change registration status
Requisitions	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> View requisitions <input checked="" type="checkbox"/> Create and edit requisitions <input checked="" type="checkbox"/> Administer finalised report type requisitions <input checked="" type="checkbox"/> Create customer invoices from requisitions
Supplier Hub	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> View and edit supplier hub details
Replenishments	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Can action replenishments

Check the *Can action replenishments* checkbox and click on the **OK** button to save the changes.

Repeat this for every user who can be assigned to action replenishments.

This now completes the setup and you're ready to use the functionality. See the [4.23. Pickfaces and Replenishments](#) page for details on that.

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