5.2.3. Production line settings

A production line in Produmex WMS is always subordinate to a warehouse.

There are multiple ways of doing production:

- Production flow: This flow handles the receipt AND issue for production in the client
- Production manager + Production receipt: On the scanner/touchscreen the receipt for production is booked. The production manager handles the starting + stopping of the production order.

Do not use the same production line for both flows

The following settings can be defined for a production line:

5.2.3.1. General

Active
Set whether or not the production line is active. A production line can only be active when an Input, Output and Rest location is filled in.

Only 1 started production order allowed
If set, only 1 started production order is allowed for this production line. This can only be used in combination with the production manager and 'Production receipt' flow.
The 'Production' flow always forces to only have 1 production order started on the production line.

Pick to location
The location where the needed ingredients are picked to. When this is not filled in, the system will use the 'Input' location. The ComponentWeighingFlow will use the 'Pick to' location as input for the items to be weighed. The weighed items will be stored on the 'Input' location. Stock on a 'Pick to' location is not taken in account to create pick list (proposals).

Lock items picked to this location
When the setting is enabled, the Picking for Production and the Pick List for Production flows lock the items that are picked to this location.
During the Component Weighing Production flow the locked stock is removed when it is weighed.

Input location
The location where the needed ingredients are picked to. Production flows will move stock from the input location to the production line. Stock on an input location is not taken in account to create pick list (proposals).

Output location
The location where the finished products will be stored.

Rest location
Location to which the rest of used materials and ingredients are moved. It is possible to use the input location as rest location. In this case the remaining items will be ready to use for the next production

order.

Parent production line
The parent production line is used if for instance the production is done in several steps. In this case the user can define the sequence of the production lines.

Production manager type
This is used when the processing of the production issues is done administratively. This can have 2 possible values.

- SPL_CONS_LOCK: When producing on the shop floor, the items to consume are not directly consumed, but they are locked. When processing the production order administratively, the system will use the locked stock as base for the consumption.
- MPL_CONS_INPUT: When the users do not want to perform the tasks to move the correct stock to the production line when producing, this option is used. When processing the production order administratively, all stock on the input location is used as base for the consumption. Furthermore, all production orders on production lines with the same input location will be processed in 1 time.

Current production order
The current production order for this production line *(read-only)*

Can be lined up
Some locations can be lined up. If a location is added here, it means the stock in this location is used directly, and does not need to be picked. This is usually used for tanks and/or silo's.
However an output location of another production line can also be set as 'lined up'. Now the produced items on the 'previous' *(linked)* production order can directly be used instead of picking the items. Stock on possible lined up location is not taken in account to create pick list (proposals).

Produce ingredients
This option is used if a linked production order needs to automatically produce stock.
The prerequisites for this to work correctly, is that the lined up location is used as an output location on another production line. At the time of production on the shopfloor, a started production order needs to be found on the production line with as output location the lined up location.

Lined up locations
The current lined up locations

5.2.3.2. Cycle count
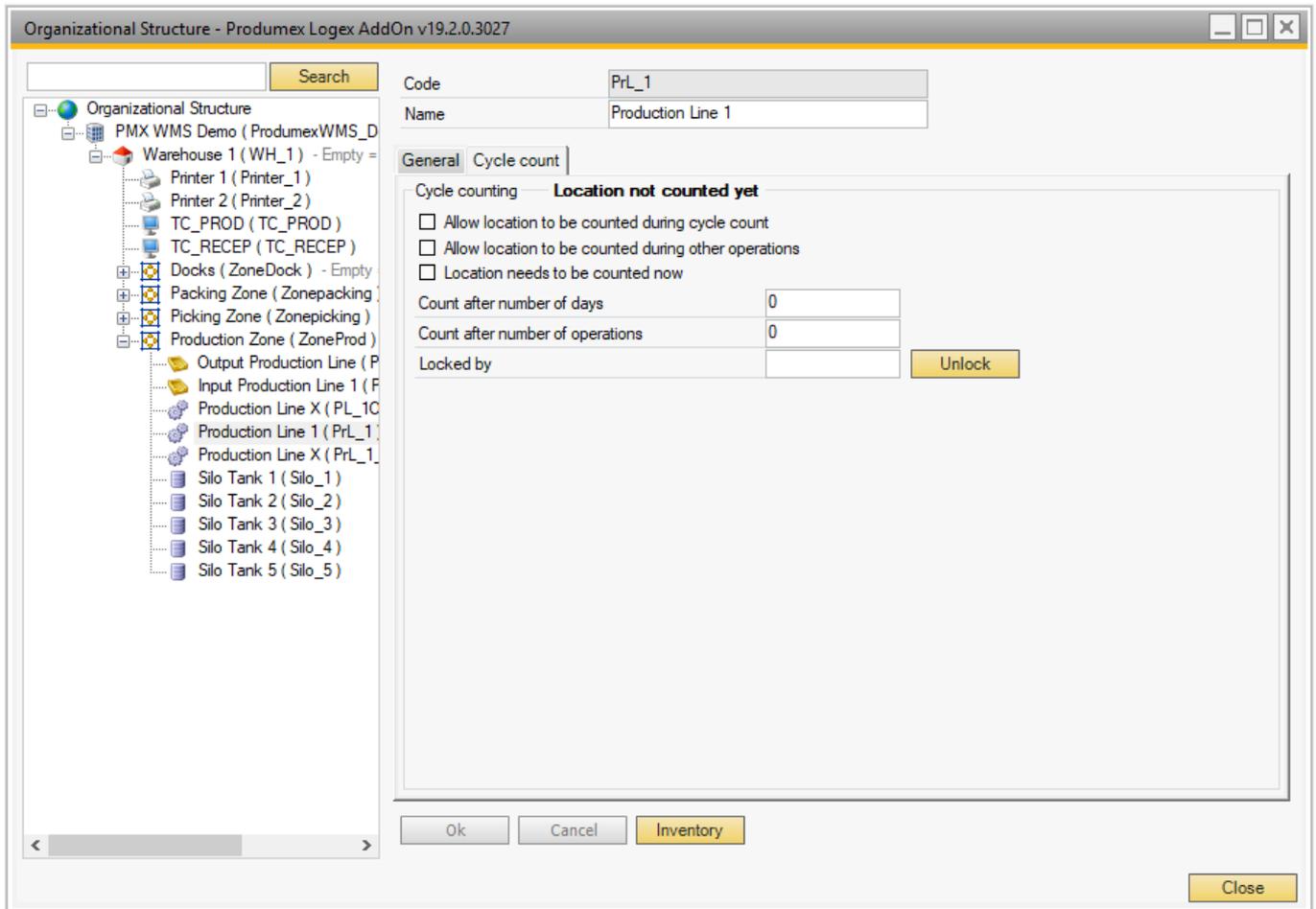
Allow location to be counted during cycle count
Is the location allowed to be counted?

Allow location to be counted during other operations
Is the location allowed to be counted during other operations? This means that when this location is used on certain flows, the system will check if a count is needed. If so, the system will ask the user to perform a count.

Locations needs to be counted now
When this option is enabled, the location will be counted, regardless of the other settings (Number of days, number of operations, …)

Count after X days
When a location has not been counted for the number of days defined here, the location needs to be counted. If the number is 0, this setting is not taken in account, and the setting on company level is taken.

Count after X operations
If the number of operations since the last count exceeds the defined number of operations, the location needs to be counted. If the number is 0, this setting is not taken in account and the setting on company level is taken.

Locked by (read-only field)
This field shows the key of the user that is locking the location, because he needs to count the location or is currently in process to count the location.
When a location is locked, it cannot be used in other processes.

The location is released by clicking the 'unlock' button.
Stock on locked locations is not taken in account to create pick list (proposals).

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