

2. Create a production order

Create a production order in SAP B1. For more information about the Produmex extensions on the 'Bill of Materials' and 'Production Order' screens see: [3.3. Production](#) When a production order is created, both the SAP and Produmex status of the order is 'Planned'.

3. Release the production order

Production orders can be released in the office environment only. The order release can be performed on the production order or on the production manager.

3.1. Production order

3.1.1. Assign the production line on the production order

Please note that the production line can only be assigned or changed on the production order if the SAP status of the order is 'Planned'.



Select a production line from the dropdown menu next to the 'Warehouse' field. Only the active production lines located in the product's warehouse are listed.

3.1.2. Release the order



Change the SAP status of the order from 'Planned' to 'Released' then press the 'Update' button. The Produmex status of the order will remain 'Planned' until the production is started. As long as the Produmex status is 'Planned', the SAP status of a released order can be changed to 'Planned' or to 'Closed'.

3.2. Production manager

Open the 'Production manager' from the Produmex Production menu. For more information about the Production manager screens see: [Production manager screens](#)

Press the 'Production orders' button to open the 'Production order' screen. On the Production order screen select the production line from the dropdown menu.



Select a production order from the list. The following production orders will be listed:

- Production orders without an assigned production line. These production orders will be listed under every production line. The 'Production line' field is empty.
- Production orders assigned to the selected production line.

To release the order click on the 'Release order' button. The status of the order will be changed from 'Planned' to 'Released'. The 'Release order' button is only active when the status of the selected line is 'Planned'.

After a production order without an assigned production line has been released, the production still can be started at any free production line.

4. Start the production order

Production orders can be started in the office environment or on the shopfloor.

When using the 'Receipt from Production' flow, it is possible to start multiple production orders on one production line, except if the 'Only 1 started production order allowed' option is set to true for the production line. For more information see: [5.2.3. Production line settings](#)

When using the 'Production' flow, only one started production order is allowed on the production line.

4.1. Office

In the office environment the production order can be started on the production order or on the Production Manager.

Production order

Click on the 'Start' button to start the production order. The button is only active if the following verifies:

- The status of the production order is released.
- The production order has an assigned production line.

A 'Start production' window will open up. Click on the 'Cancel' button to close the form.

Production manager

Open the [Production Manager](#) and click on the 'Production orders' button. Select the production line from the dropdown menu. Select the production order and click on the 'Start production order' button. The button is only active when the status of the selected order is 'Released'.

A 'Start production' window will open up. To go back to the previous screen, click on 'Cancel'.



4.1.1. Assign a tank

When there is a component that has to be lined up, assign a tank to the component on the 'Start production' screen before starting the production order.

Select a component from the 'Lined up tanks' section. Then select a location listed under 'Tanks'. Only locations that verify for the following are listed:

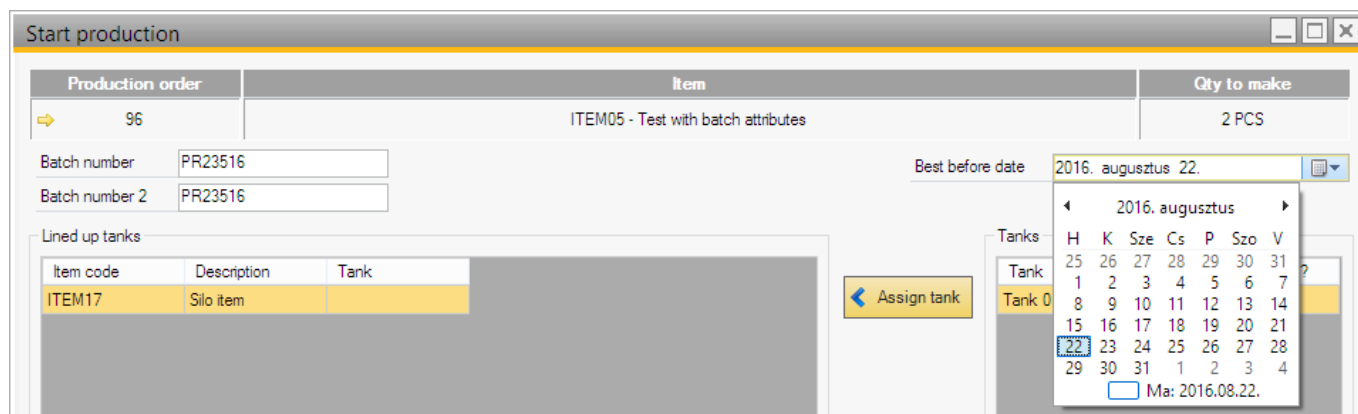
- the location is lined up
- the location is added to the production line as a lined up location
- there is stock of the component available on the location

Press the 'Assign tank' button. After a lined up location has been assigned to the component, the code of the location is displayed in the 'Tank' field.

When the 'Auto line up selection' option is enabled on the [Item Master Data](#) of the component, the system will automatically line up the location for the component.

4.1.2. Batch number and best before date

When the produced item is managed by batches and/or has a best before date, based on the settings, the batch number and the best before date can be changed on this screen. For more information about the batch number and best before date settings for production see: [1.5. Batch number of the product](#), [1.6. Best before date for the product](#). Enter the batch number(s) and/or select the best before date from the calendar.



4.1.3. Start the production order

After the lined up locations have been assigned and the batch number(s) and best before date have been defined, click on the 'Start production' button to start the production.

After the production order has been started, the status will be changed from 'Released' to 'Started' and the order will be assigned to the production line where it was started. On the production order the Produmex order will be changed to 'Started'. The SAP status will remain 'Released'.

The 'Production line details' button is only active when a production order with the status 'Started' is selected. It opens up the 'Production details' screen.

4.1.4. Change tank

It is possible to change the assigned lined up location after the production has been started. On the 'Production detail' screen select a component from 'Ingredients (lined up)' list. Then select a lined up location from the 'Tanks' list. Click on the 'Change tank' button. This button is only active if the selected lined up location is not assigned to the component.

A 'Production - swap tank' window will open up.

Add the quantity or weight remaining in the previous tank to the respective field.



4.2. Shopfloor

Production orders can be started also on the shopfloor. When using the default settings, the production order can be started only in the 'Production', 'Disassembly' and 'Disassembly - weight' flows. When the 'Allow starting production order on production receipt flow?' option is enabled on the [Production controller](#), the production order can be started also in the 'Receipt from Production' flow.

For the detailed description about starting production orders on the shopfloor see:

- Receipt from production flow: [8.1.2. Select a production order](#)
- Production flow: [8.2.4. Start production](#)
- Disassembly flows: [8.3.4. Start production](#)

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