

Beas Manufacturing Integration

1. Overview

From product version 19.4 Produmex WMS adds support to the logistical needs of Beas Manufacturing 9.3 PL03 and later.

Available features in Produmex WMS:

- Beas-type production lines can be created in the Organizational Structure (see section [3.1. Creating a Beas-type production line](#)).
- The [Picking for Production](#) and [Picklist for Production](#) flows can be used to pick the components of Beas work orders (see section [4. Production Picking](#)).
- The [Move to Production Line flow](#) can be used to move the picked components of Beas work orders from the Input Location to a Beas-type production line (see section [5. Moving components to Beas-type production line](#)).

The official Beas Manufacturing documentation is available [here](#) and the release notes can be found [here](#).

- From product version 9.3 PL03 Beas Manufacturing supports Produmex WMS warehouses and transactions.
- From product version 9.3 PL03 HF1 Beas Manufacturing supports Produmex WMS Picklist for Production flow.

2. Installation

Produmex WMS:

- The standards installation process applies to the add-on and the Produmex SB1 Notification Listener must be installed and started as well (see documentation [3. Performing a Fresh Installation](#)).
- When Beas Manufacturing is installed, Produmex WMS automatically identifies the Beas tables in the database.

Beas Manufacturing:

- The standard installation process applies to the add-on and the Common Interface must be running (Beas Manage Server > Common Interface). See documentation [here](#).

Important

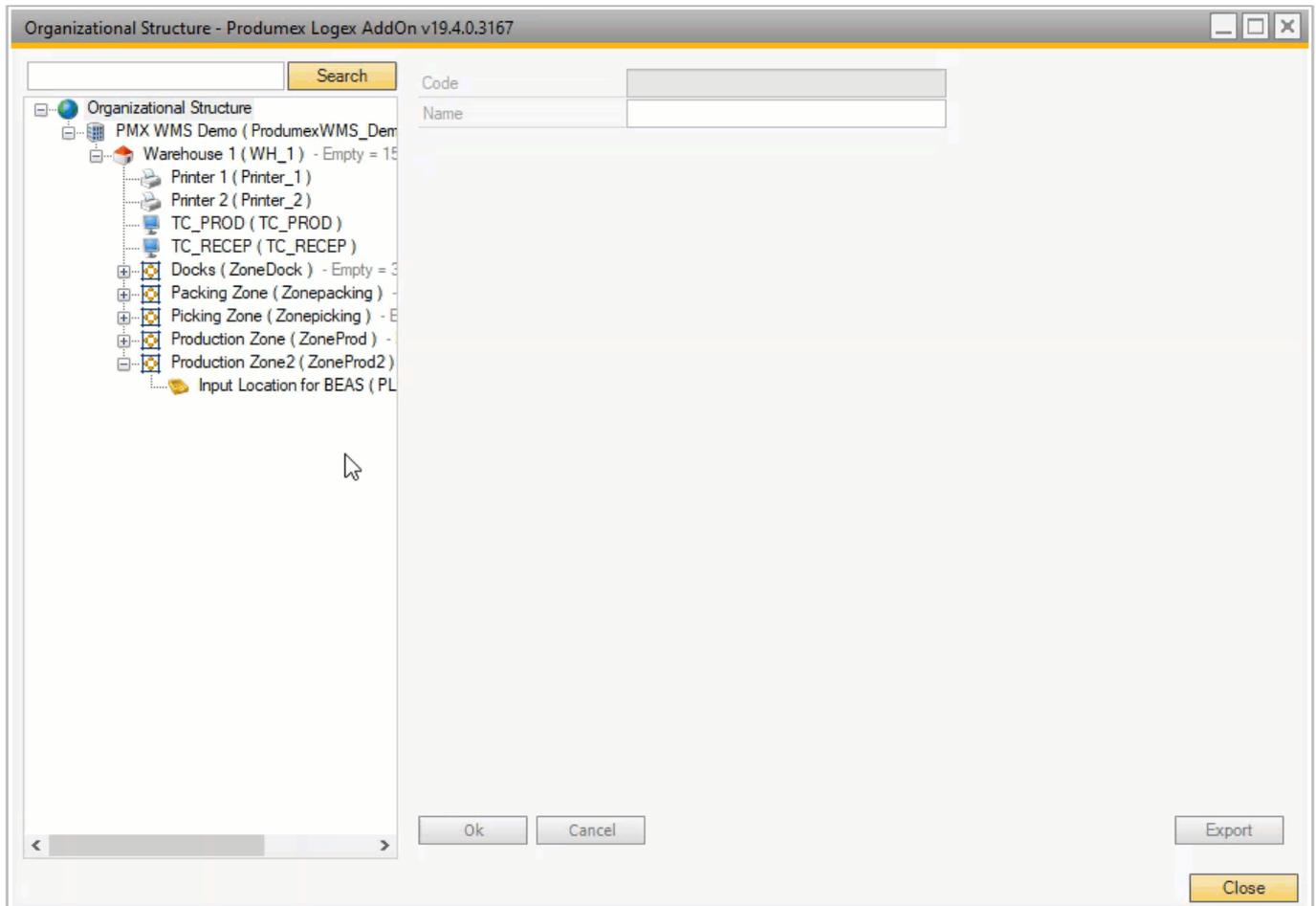
If you first install Beas Manufacturing and then Produmex WMS and you insert the Produmex Logex Addon Code to the dbo.SBO_SP_TransactionNotification stored procedure manually, make sure that you insert the Produmex code **ABOVE** the Beas Manufacturing code.



3. Prerequisites

3.1. Creating a Beas-type production line

1. Create a new production line in the Organizational Structure.
2. Select *Beas* in the *Type* drop-down menu.



3. Fill in the *Code* and *Name* fields and configure the production line on the *General* tab.

Pick to Location field (optional)

The Pick to Location is the location where the components can be picked to if they are not ready to be used for production and they first must be weighed.

- If the field is filled in, the components are first picked to this location and then they must be moved to the Input Location with the [Component Weighing Production flow](#).
- If the *Pick to Location* field is not filled in, the system uses the Input Location.

Lock Items Picked to this Location?

If the setting is enabled, the system locks the components on the Pick to Location.

Input Location field (mandatory)

The Input Location is the location where the components are picked to or moved to from the Pick to Location. When the components are in the Input Location, they can be moved to the production line with the [Move to Production Line flow](#).

Active

Check in the checkbox if the production line is active. A production line can only be active if the Input Location field is filled in.



4. Click OK and the Beas-type production line appears in the Organizational Structure.



3.2. Selecting an active Beas-type production line

1. Open the (Beas) Work Order Position screen.
2. On the Assembly tab select the Link tab.
3. In the WMS Production Line drop-down menu select the necessary Beas-type production line. The drop-down menu lists only those production lines that have an Active status in the Organizational Structure.
4. Click OK



3.3. Selecting the warehouse for the material item

1. Open the Bill of Materials screen.
2. On the General tab navigate to the Warehouse drop-down menu and select the warehouse in which the production line is located.
3. Click OK.

It is important which warehouse is selected as the picking process must be performed in the warehouse where the production line is located in your Organizational Structure.

Position	10		
Item	INGR_001	Version	
Description	Brush		
Drawing number			

Quantity	1.000	Per	1.0000
Fixed quantity surcharge	0.000	Total	25.000 ...
Calculated Scrap	0.000	Inventory	100.000 ...
Routing-position		Warehouse	01
Rounding type	No rounding	Rounding dec.	0
L	0.000		
W / o.d	0.000		
H / i.d	0.000		

Additional text:

Closed:

4. Production picking

The components of Beas work orders can be picked with the [Picking for Production](#) and [Picklist for Production](#) flows (see sections 4.1 and 4.2 below). When the components are moved to the Input Location, Produmex WMS sends a notification to Beas.

4.1. Picking for Production flow

The [Picking for Production flow](#) identifies Beas work orders if the work order position is linked to a Beas-type production line.

In this case, when the [Picking for Production flow](#) is started on the Mobile Client, the *Select a production order to pick for* screen displays the Beas work orders.



1. Standard SAP B1 production order
2. Beas work order with a sales order
Displayed values: sales order number and position number (000006/10)
3. Beas work order without sales order
Displayed values: document entry ID and position number (2/10)

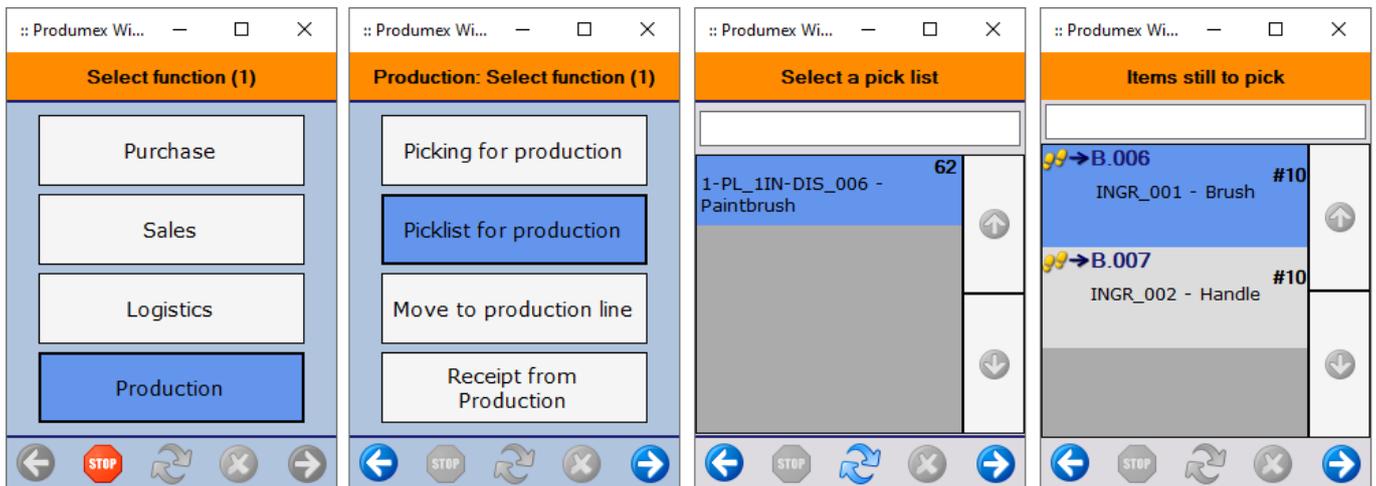
4.2. Picklist for Production

The input of the [Picklist for Production flow](#) is a picklist generated from a Beas work order.

Note: Before starting the flow, make sure that you generate a picklist proposal on the *Material Requirements* screen of Beas Manufacturing by selecting the necessary component and clicking WMS Proposal Picking.



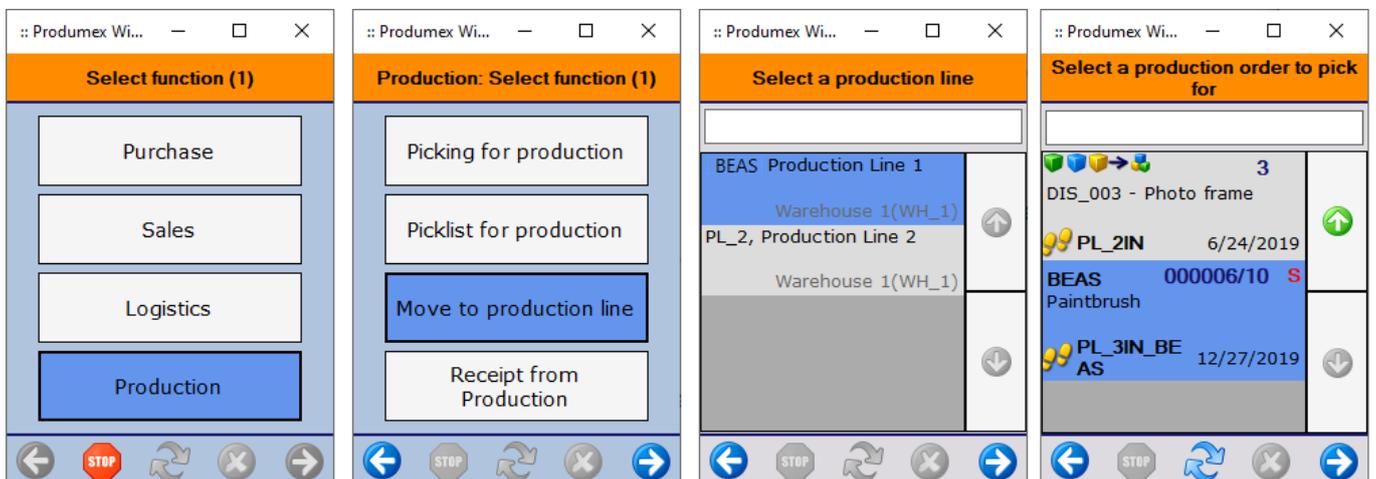
The [Picklist for Production flow](#) identifies the picklist generated from the Beas work order:



5. Moving components to a Beas-type production line

The picked components can be moved from the Input Location to a Beas-type production line with the [Move to Production Line flow](#).

The *Select a production line* screen of the Mobile Client displays the Beas-type production line and the *Select a work order for picking* screen displays the related Beas work orders:



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