

Tutorial: Start Material Reassignment

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Tutorial: Start Material Reassignment

Estimated time to read: 2 minutes

Objective

Learn how to reassign materials from one Production Order to another, ensuring they are correctly transferred and aligned with the target production context.

Step 1: Validate Preconditions

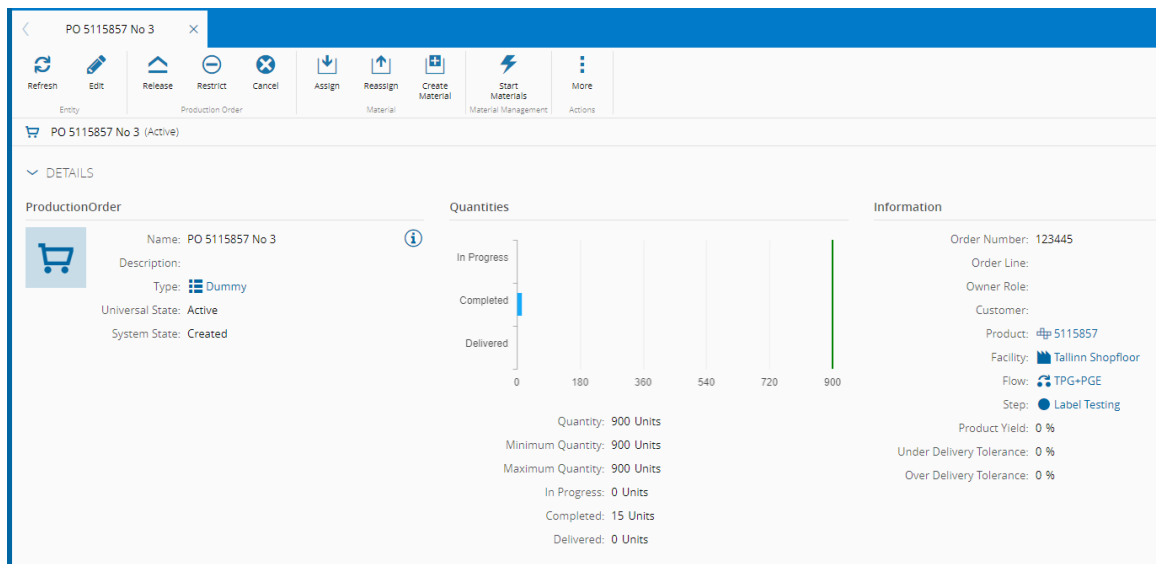
Before starting the reassignment process, ensure the following conditions are met:

- The Product is configured with:
 - `MaterialStartMode = Reassignment`
- The target Production Order has:
 - A defined **Flow Path**
 - A defined **Facility**
- The following configurations are available:
 - **BOM**
 - **BOM Context**
- The materials to be reassigned:
 - Are at the **last step of their current flow**
 - Belong to a Product included in the BOM of the target Production Order

If these conditions are not met, the reassignment will not be allowed.

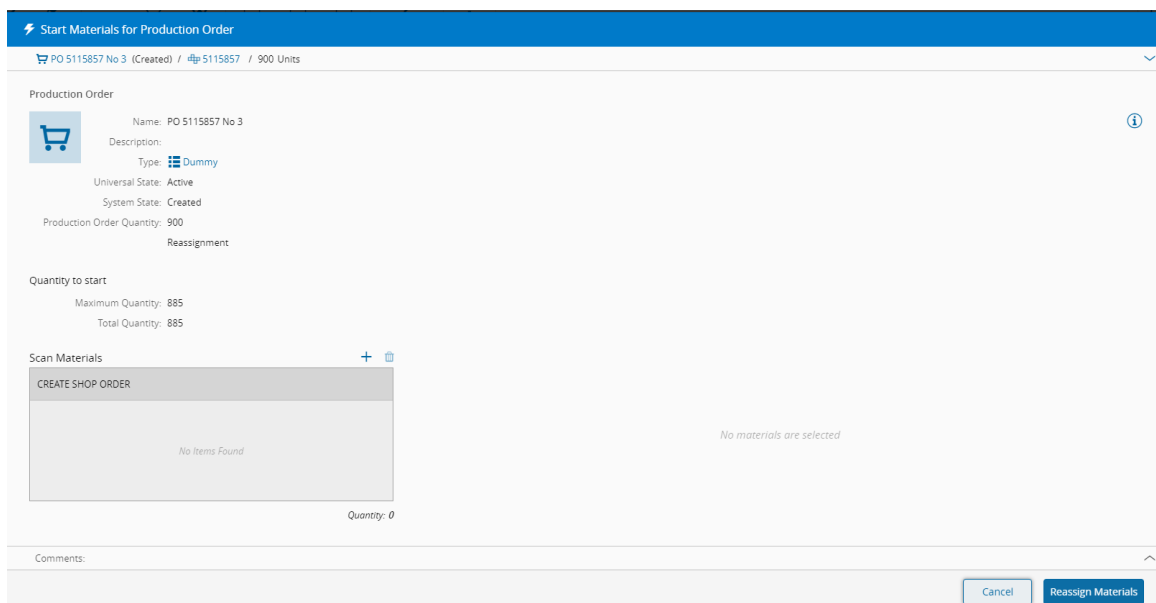
Step 2: Select the Target Production Order

- Navigate to **Production Orders**
- Open the Production Order where you want to reassign materials



Step 3: Start Materials

- Click the **Start Materials** action
- The reassignment wizard will open



Start Materials for Production Order

PO 5115857 No 3 (Created) / 5115857 / 900 Units

Production Order

Name: PO 5115857 No 3
Description:
Type: **Dummy**
Universal State: **Active**
System State: **Created**
Production Order Quantity: 900
Reassignment

Quantity to start

Maximum Quantity: 885
Total Quantity: 885

Scan Materials

CREATE SHOP ORDER

No items Found

No materials are selected

Quantity: 0

Comments:

Cancel **Reassign Materials**

Step 4: Select Materials to Reassign

- In the **Scan Materials** section:
 - Select or scan the materials to be reassigned



Name: PO 5115857 No 3

Description:

Type:  Dummy

Universal State: Active

System State: Created

Production Order Quantity: 900

Reassignment

Quantity to start

Maximum Quantity: 885

Total Quantity: 885

Scan Materials

CREATE SHOP ORDER

44

5

Quantity: 5

Material:

Primary Quantity: 5

Comments:

Cancel

Reassign Materials

Step 5: Execute Reassignment

- In the wizard, click **Reassign**
- A confirmation message is displayed indicating success

⚡

Start Materials for Production Order

1

RESULTS

🛒

PO 5115857 No 3 (Created)

🏠

5115857

/ 900 Units

✓

Material 44 was created successfully

Entities you may want to open:

■

44

Step 6: Validate Source Production Order

- Return to the original Production Order
- Confirm that:
 - The material is no longer **Active**

PO 5115271 No 1 (Active)									
Include in Planning: X No									
Perform BOM Explosion: X No									
MATERIALS									
Refresh									
MATERIAL	ACTIVE	ACCOUNTS TO	STATUS	PRODUCT	QUANTITY	UNITS	FACILITY	STEP	
3	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
4	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
44	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
999	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
Rows per Page:10 Page 1 of 1 (4 Records)									

Step 7: Validate Target Production Order

- Return to the target Production Order
- Confirm that:
 - The material is now listed
 - The material state is **Active**

PO 5115857 No 3 (Active)									
Priority: 5									
Standard Cycle Time: 0 day(s)									
Include in Planning: X No									
Perform BOM Explosion: X No									
MATERIALS									
Refresh									
MATERIAL	ACTIVE	ACCOUNTS TO	STATUS	PRODUCT	QUANTITY	UNITS	FACILITY	STEP	
3	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
4	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
44	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
999	☒	☒	Completed	5115857	5	Units	Tallinn Shopfloor	Label Testing	
Rows per Page:10 Page 1 of 1 (4 Records)									

Expected Result

- Material is successfully reassigned to the new Production Order
- Material is no longer active in the original Production Order
- Material reflects the new Product, Flow, and Step
- The original Production Order **Completed Quantity remains unchanged**

Frequent Configuration Questions

Why can't I reassign a material?

Verify the following:

- The material is at the last step of its current flow.
- The BOM configuration is valid for the target Production Order.

Why is the material not being updated correctly after reassignment?

Validate that the Product and Flow configurations are correctly defined and compatible with the target Production Order.

Why is the reassignment option not available?

Check that the Product is configured with `MaterialStartMode = Reassignment`.



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