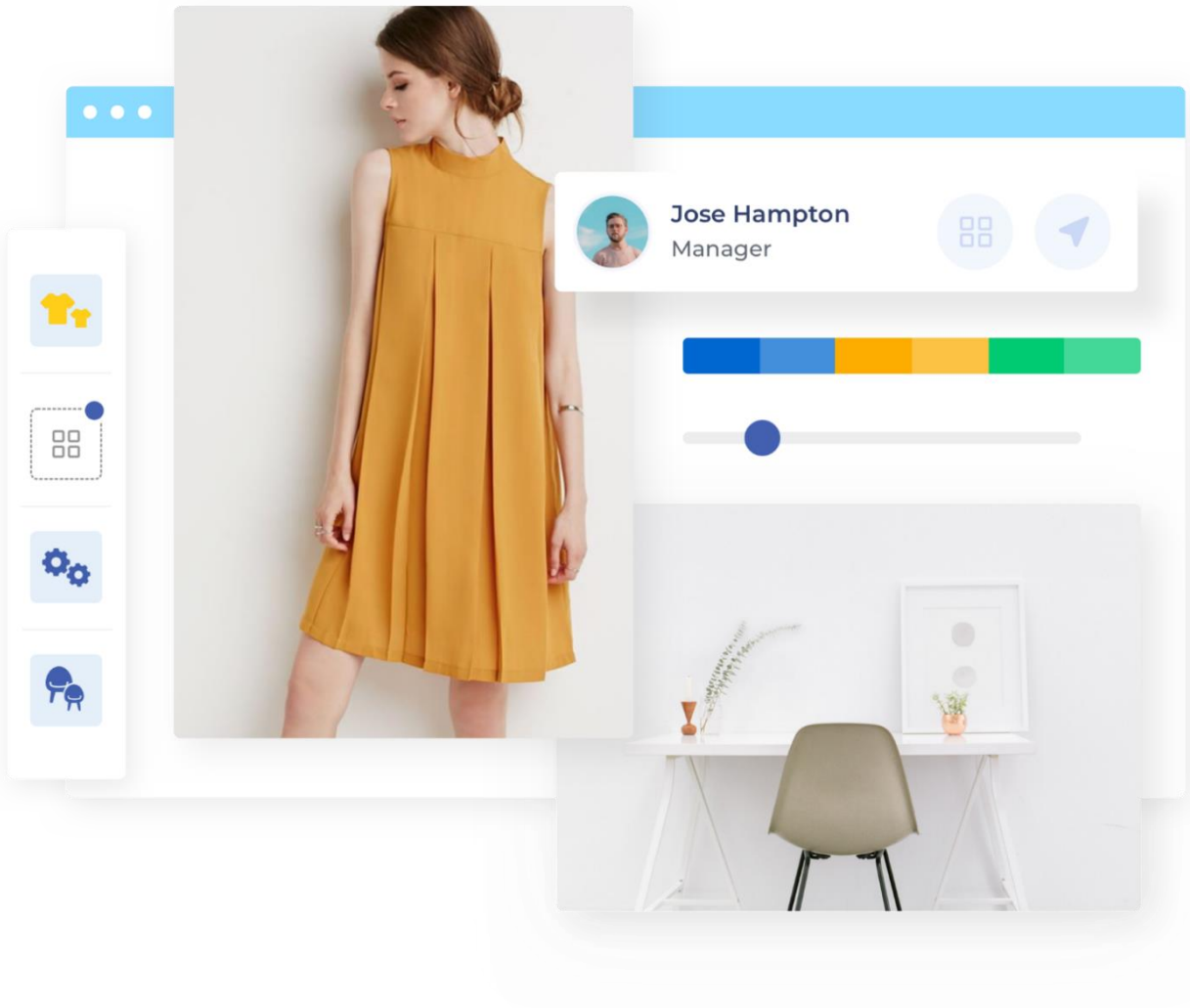

WHITE PAPER

TRIMIT Item Tracking for Production

This document contains information about the Item Tracking functionality in TRIMIT Production for Business Central W1 BC17.1.

Version: BC17.1.1495.0
Date: 15-12-2020

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INTRODUCTION

TRIMIT Item Tracking for Production is the functionality specifically in TRIMIT Production regarding the Item Tracking functionality (Lot Nos. and Serial Nos.) of Business Central.

Item Tracking enables the user to receive/use i.e. fabrics in several Lot Nos. (i.e. to define the different Rolls in which it is received) or to produce/ship i.e. customized products with several unique Serial Nos.

TRIMIT Item Tracking for Production enables you to specify in a Production Order from which Roll (Lot No.) you will take the Production Order Line (i.e. fabric). Especially when working with fabrics it is important that a Production Order is taken as much as possible from the same Roll or dying bath to prevent color differences.
TRIMIT Item Tracking for Production also enables you to specify in a Production Order to which Lot No. or Serial No. the finished products should be posted.

Extra Data has been added to the Demo Company for the described process of TRIMIT Item Tracking for Production.

The functionality in other area's as TRIMIT Production has not significantly been changed.
See https://docs.microsoft.com/en-us/dynamics365/business-central/inventory-how-work-item-tracking.

The functionality described is the functionality in **TRIMIT for Business Central W1 BC17.1**.
The pictures in this White Paper are based on the demo database of **TRIMIT Business Central W1 BC17.1**, which is based on Microsoft Dynamics 365 Business Central 2020 release wave 2, Update 17.1, in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. of Microsoft Dynamics 365 Business Central).

COMPONENTS

TRIMIT Item Tracking for Production contains the following objects:

The tables	***6037380 trm Tracking Code Param***
	6037381 trm Prod. Order Tracking
	6037382 trm Tracking Structure Entry
	6037383 trm Tracking Jnl. Line
The pages	***6037380 trm Tracking Code Card***
	6037381 trm Prod. Order Tracking
	6037383 trm Tracking Journal Lines
	6037384 trm Tracking Structure Entries
The codeunits	***6037380 trm Prod Tracking Mgmt.***
	6037381 trm Tracking Code Mgmt.

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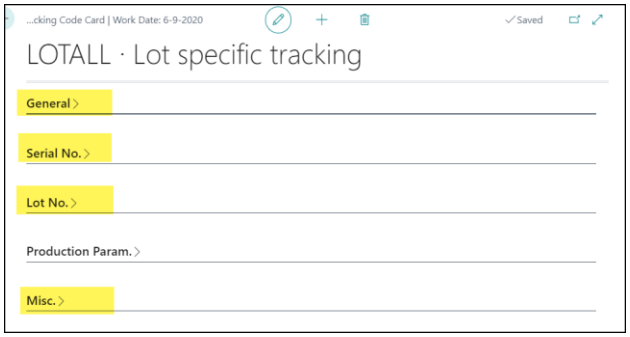
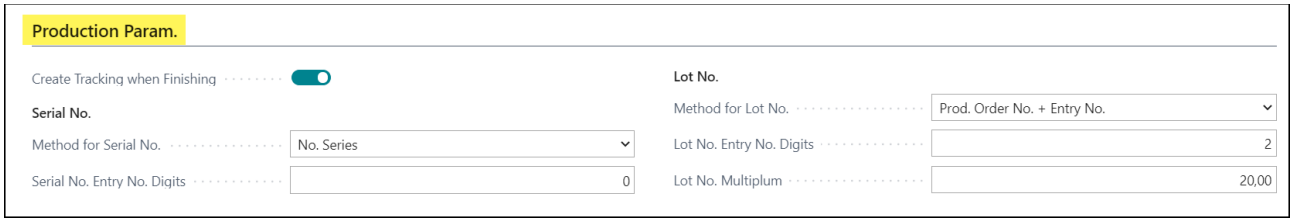
SETUPS

ITEM TRACKING CODE

The **Item Tracking Codes** can be found via **Tell me** *Item Tracking*.
In the **Item Tracking Code Card**, TRIMIT has added extra fields regarding TRIMIT Production.

NOTE
Keep in mind that you still need to set the fields in the FastTabs ***Serial No.*** and/or ***Lot No.*** to make sure that Serial Nos. and/or Lot Nos. can be used.





DESCRIPTION OF THE FIELDS:

CREATE TRACKING WHEN FINISHING

If this field is set to *Yes,* the system will be able to create Item Tracking Lines (Lot Nos. or Serial Nos.) automatically when you post the Finishing of a Production Order. Therefore, you don't have to specify the Item Tracking Lines **before** posting the Finishing of the Production Order.
This will be based on the **Quantity to Finish** in the Production Order, and the fields of the **Item Tracking Code** of the Item.

- If you use **Serial Nos.**, for every unit (piece, meter, etc.) you post as Finished, a **Serial No.** will be created based on the **Method for Serial No.**
- If you use **Lot Nos.** and **Lot No. Multiplum** = *0 (zero),* 1 Item Tracking Line with **Lot No.** based on the **Method for Lot No.** will be created with the total **Quantity to Finish**.
- If you use **Lot Nos.** and **Lot No. Multiplum** <> *0 (zero),* several Item Tracking Lines can be created with **Lot Nos.** based on the **Method for Lot No.** and the **Lot No. Multiplum.**
  I.e. if you want to finish *25* and **Lot No. Multiplum** is *10,* three Lot Nos. will be created:
  Two with *10* units and one with *5* units.

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METHOD FOR SERIAL NO.

With this field you determine how the **Serial Nos.** should be created for finished products of Production Orders.

You can choose between the following three options:

No. Series	New Serial Nos. will be created based on the **No. Series** that has been entered in the Master/Item Card field **Serial Nos.**
Production Order No. + No. from Nos.	New Serial Nos. will be created based on the Production Order Number + the next Number based on the **No. Series** that has been entered in the Master/Item Card field **Serial Nos.** i.e. Production Order *PI00029* and next number based on the **No. Series** would be *SN00034*, then the new **Serial No.** starts with *PI00029SN00034, PI00029SN00035, etc.*
Production Order No. + Entry No.	New Serial Nos. will be created based on the Production Order Number for which you want to create a Serial No.+ an Entry No. (first Serial No., second Serial No, etc.) The Entry No. is based on the **Serial No. Entry No. Digits**. i.e. Production Order *PI00029* and the **Serial No. Entry No. Digits** would be *2*, then the new **Serial Nos.** will become *PI0002901, PI0002902, etc.*

SERIAL NO. ENTRY NO. DIGITS

In this field you need to enter a number of digits for the **Entry No.** if the **Method for Serial No.** has been set to *Production Order No. + Entry No.* I.e. if set to *3,* the Entry No. would become *001, 002, 003, 004, etc.*

METHOD FOR LOT NO.

With this field you determine how the **Lot Nos.** should be created for finished products of Production Orders.

You can choose between the following four options:

No. Series	New Lot Nos. will be created based on the **No. Series** that has been entered in the Master/Item Card field **Lot Nos.**
Production Order No.	One new Lot No. will be created based on the **Quantity to Finish** of the Production Order for which you want to create a Lot No. If you would finish a Production Order in more than 1 step, it will be added to the same Lot No.
Production Order No. + No. from Nos.	New Lot Nos. will be created based on the Production Order Number + the next Number based on the **No. Series** that has been entered in the Master/Item Card field **Lot Nos.** i.e. Production Order *PI00029* and next number based on the **No. Series** would be *L00069*, then the new **Lot No.** starts with *PI00029L00069, PI00029L00070, etc.*
Production Order No. + Entry No.	New Lot Nos. will be created based on the Production Order for which you want to create a Lot No.+ an Entry No. (first Lot No., second Lot No, etc.) The Entry No. is based on the **Lot No. Entry No. Digits**. I.e. Production Order *PI00029* and the **Lot No. Entry No. Digits** would be *2*, then the new **Lot Nos.** will become *PI0002901, PI0002902, etc.*

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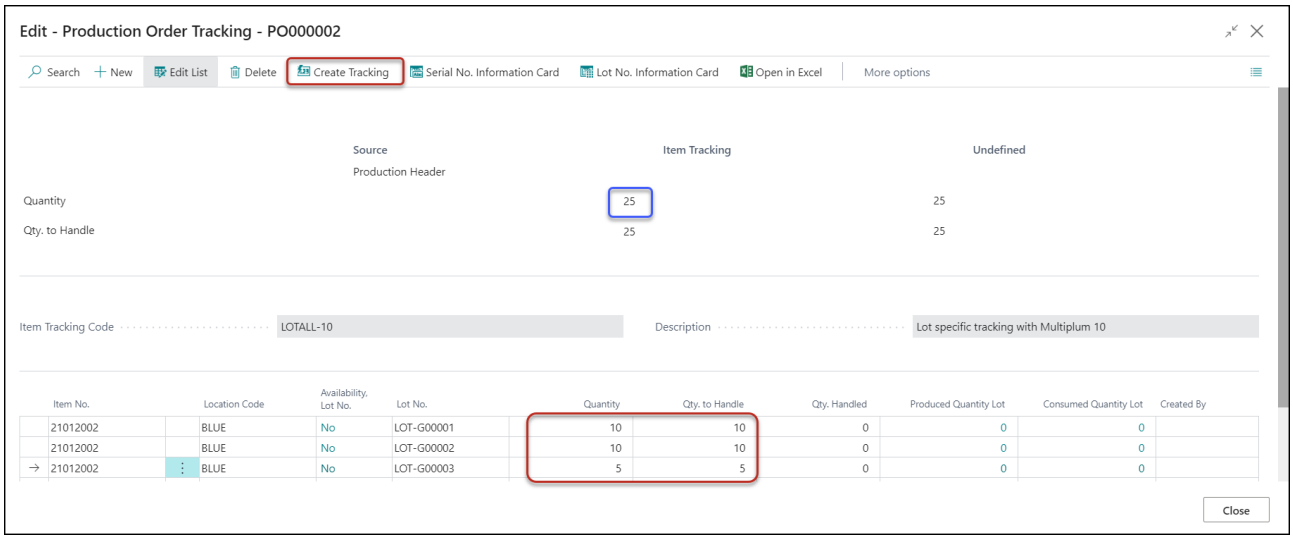
LOT NO. ENTRY NO. DIGITS

In this field you need to enter a number of digits for the **Entry No.** if the **Method for Lot No.** has been set to *Production Order No. + Entry No.* I.e. if set to *2,* the Entry No. would become *01, 02, 03, 04, etc.*

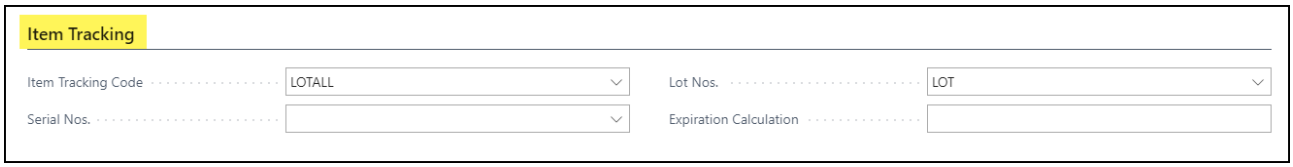
LOT NO. MULTIPLUM

The quantity you enter in **Lot No. Multiplum** will be used to create several Lot Nos. with this quantity based on Production Order Header Quantities.
It is only applicable for creating Lot Nos. based on the Production Order Header Quantities (finished products).
I.e. if you have **Qty. to Finish** *25*, and the **Lot No. Multiplum** is *10,* when clicking **Create Tracking** in the Item Tracking Lines, it will create 2 Lot Nos. with *10* and 1 with *5*.



MASTER/ITEM

In the Master and/or Item, you can add the specific fields regarding **Item Tracking**.



DESCRIPTION OF THE FIELDS FOR ITEM TRACKING:

ITEM TRACKING CODE

In this field, you can enter the **Item Tracking Code**, which determines how and when you will work with Item Tracking.

SERIAL NOS.

The No. Series for the Serial Nos.
Within TRIMIT Production it will be used for creating new Serial Nos. based on the Quantity that you want to finish on a Production Order, based on the **Method for Serial Nos.**
In the rest of the system (i.e. when receiving Purchase Orders), it will simply be used for creating new Serial Nos., regardless the **Method for Serial Nos**.

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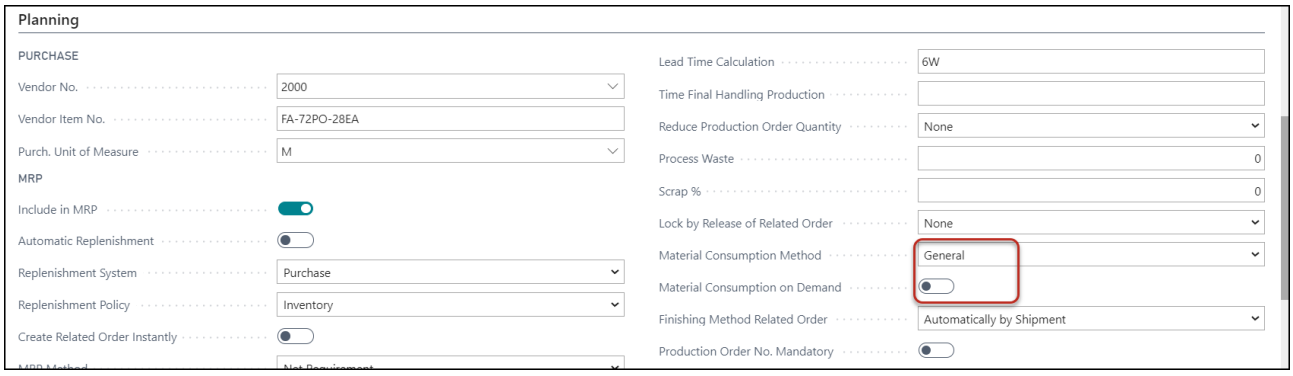
LOT NOS.

The No. Series for the Lot Nos.
Within TRIMIT Production it will be used for creating new Lot Nos. based on the Quantity that you want to finish on a Production Order, based on the **Method for Lot Nos.**
In the rest of the system (i.e. when receiving Purchase Orders), it will simply be used for creating new Lot Nos., regardless the **Method for Lot Nos**.

IF MASTER/ITEM IS A MATERIAL USED IN A BILL OF MATERIALS

In the Master/Item, you need to make sure that consumptions of Materials are not posted automatically if the Material has an **Item Tracking Code**, because you always need to specify the **Item Tracking Lines** manually:



Material Consumption Method must be *General*.
Material Consumption on Demand must be *No*.

IF MASTER/ITEM IS A FINISHED PRODUCT THAT WILL BE SOLD USING RELATED ORDERS

In the Master/Item, you can set the field **Finishing Method Related Order** best to *Manually before Shipment.*

To post a Shipment, you need to specify from which Lot No. or Serial No. it will be taken.
In that case, these Lot Nos./Serial Nos. must exist already.
Therefore, it is best to set the field **Finishing Method Related Order** to *Manually before Shipment.*
This is also the case, if you have set the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item to *Yes*.

If you set it to *Automatically by Shipment* or *Automatically by Final Shipment* you still need to realize, that you need to specify the Lot Nos./Serial Nos. in the Related Order first, before you can specify them to the Sales Line and post the Shipment.

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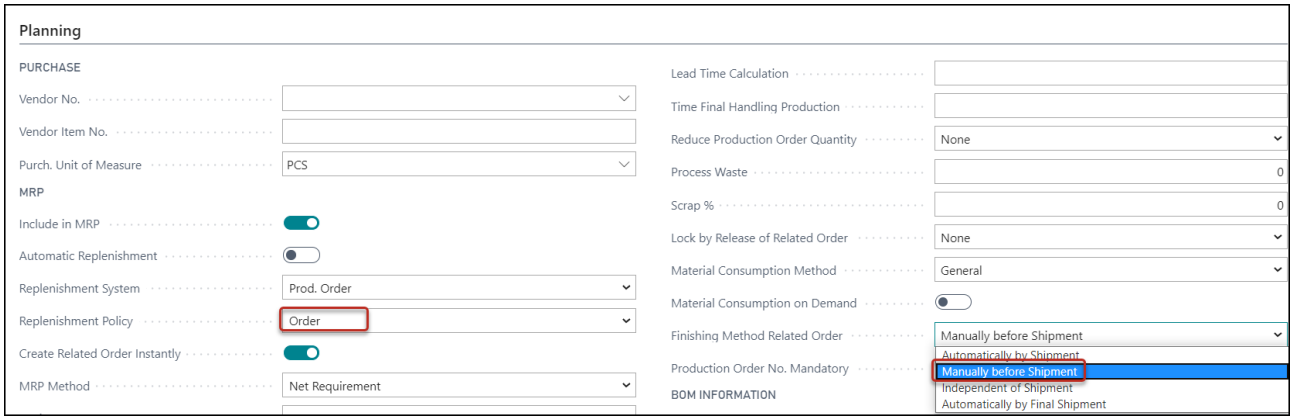
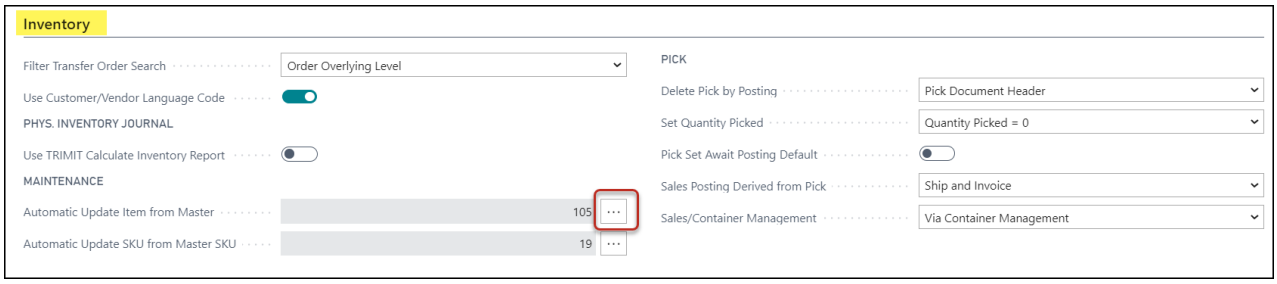


INVENTORY SETUP

The fields in the Master will also be copied to the underlying Items, based on the parameter **Automatic Update Item from Master**.



It might be necessary to update these settings by clicking ***Actions, Basic***, ***Auto Generate Standard Setup***, so the fields regarding Item Tracking will also be considered.

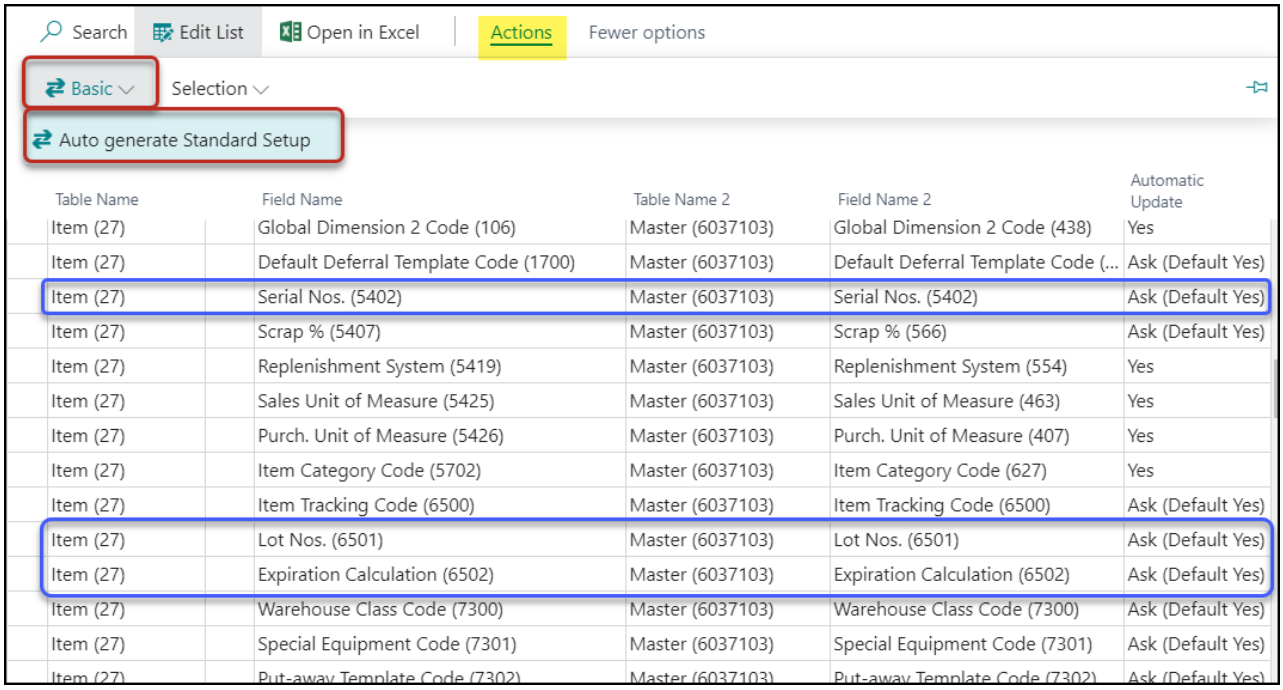


Table Name	Field Name	Table Name 2	Field Name 2	Automatic Update
Item (27)	Global Dimension 2 Code (106)	Master (6037103)	Global Dimension 2 Code (438)	Yes
Item (27)	Default Deferral Template Code (1700)	Master (6037103)	Default Deferral Template Code (...	Ask (Default Yes)
Item (27)	Serial Nos. (5402)	Master (6037103)	Serial Nos. (5402)	Ask (Default Yes)
Item (27)	Scrap % (5407)	Master (6037103)	Scrap % (566)	Ask (Default Yes)
Item (27)	Replenishment System (5419)	Master (6037103)	Replenishment System (554)	Yes
Item (27)	Sales Unit of Measure (5425)	Master (6037103)	Sales Unit of Measure (463)	Yes
Item (27)	Purch. Unit of Measure (5426)	Master (6037103)	Purch. Unit of Measure (407)	Yes
Item (27)	Item Category Code (5702)	Master (6037103)	Item Category Code (627)	Yes
Item (27)	Item Tracking Code (6500)	Master (6037103)	Item Tracking Code (6500)	Ask (Default Yes)
Item (27)	Lot Nos. (6501)	Master (6037103)	Lot Nos. (6501)	Ask (Default Yes)
Item (27)	Expiration Calculation (6502)	Master (6037103)	Expiration Calculation (6502)	Ask (Default Yes)
Item (27)	Warehouse Class Code (7300)	Master (6037103)	Warehouse Class Code (7300)	Ask (Default Yes)
Item (27)	Special Equipment Code (7301)	Master (6037103)	Special Equipment Code (7301)	Ask (Default Yes)
Item (27)	Put-away Template Code (7302)	Master (6037103)	Put-away Template Code (7302)	Ask (Default Yes)

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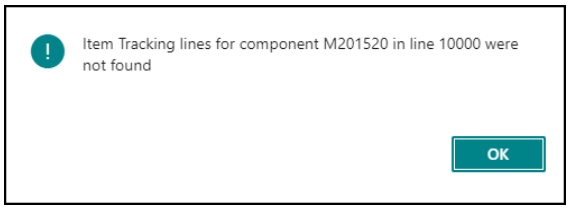
CONSUMPTION MATERIALS WITH LOT NOS.

VIA PRODUCTION ORDER

If an Item on a Production Order Line has an **Item Tracking Code** filled for Lot Nos., you need to specify the **Item Tracking Lines** for that Production Order Line before posting the Consumption.
Otherwise, you will get an error message. I.e.:



M201520 is the Item on the Production Order Line with **Item Tracking Code** filled.

You can work in two different ways:

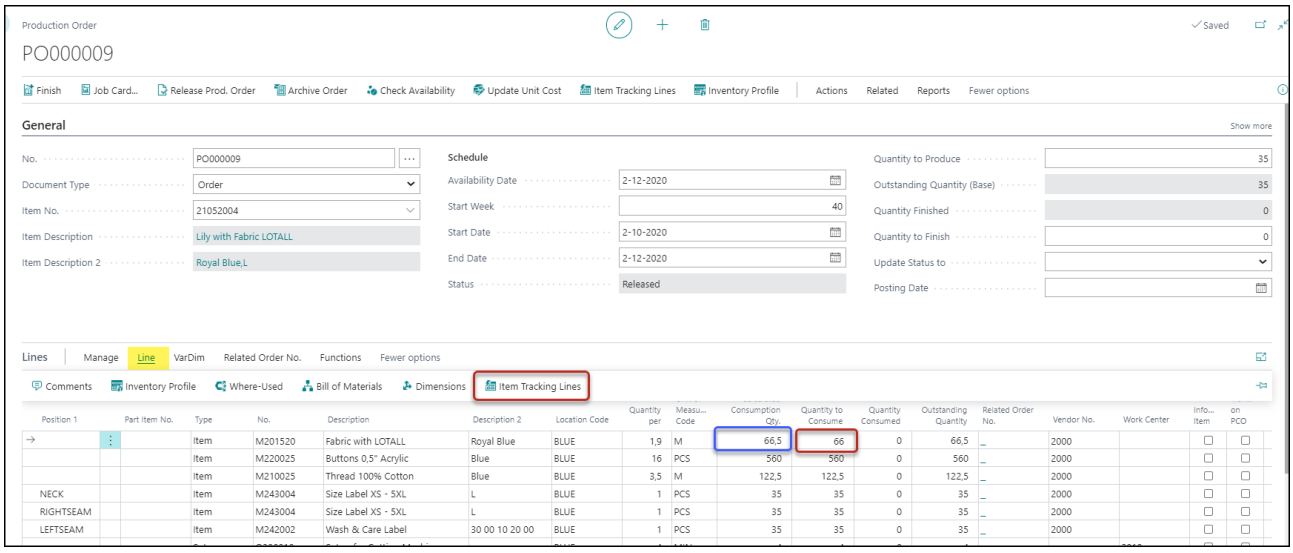
1. Enter the **Quantity to Consume** on the Production Order Line, so you can verify during choosing the Item Tracking Lines, how much you need to specify
2. Leave the **Quantity to Consume** blank on the Production Order Line, so the chosen Item Tracking Line itself, will determine how much you will consume.

In both cases; based on the specified Item Tracking Lines, the **Quantity to Consume** of the Production Order Line will be updated afterwards.

NOTE
When using **Production Collecting Orders** for Items for which the Materials might have Item Tracking, you need to create the Item Tracking Lines for the Item Lines on every individual Production Order that is mentioned in the Production Collecting Order Lines as **Related Order**.

SPECIFY THE ITEM TRACKING LINES

You can specify the **Item Tracking Lines** by clicking ***Line***, ***Item Tracking Lines***.



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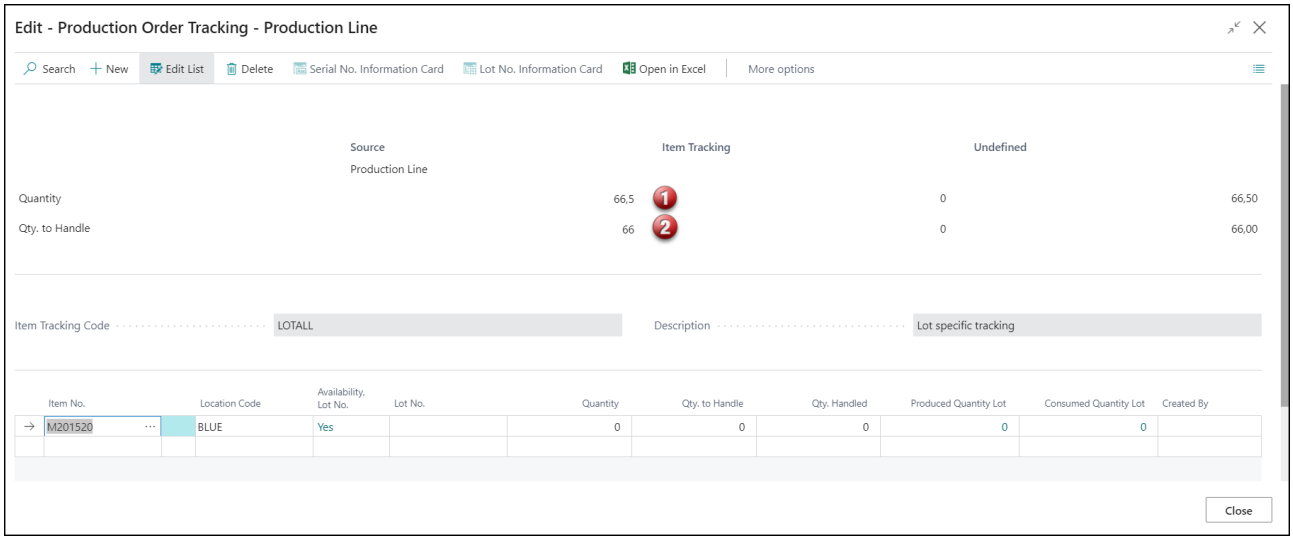
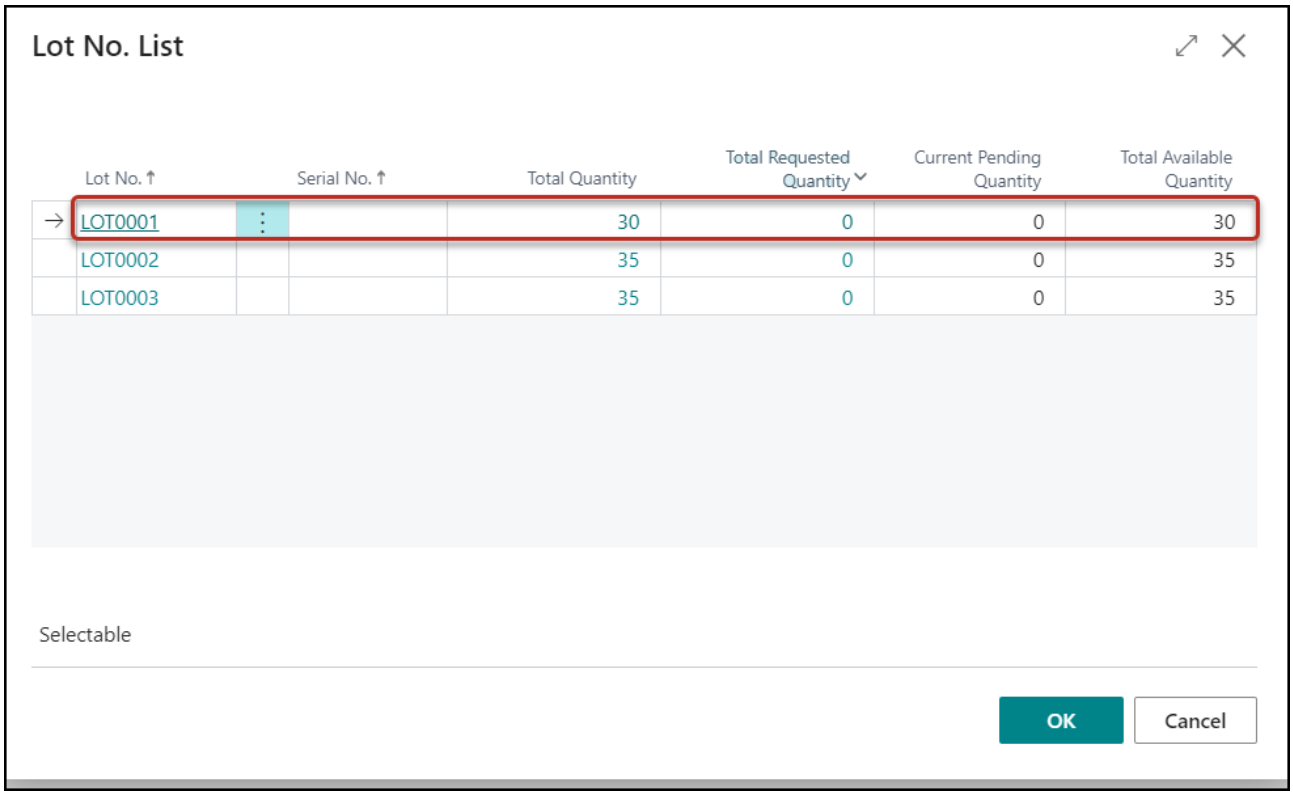


1 = **Outstanding Qty.** or the **Quantity to Consume** from the Production Order Line.
The highest value of those two fields will be taken.

2 = **Quantity to Consume** from the Production Order Line

Click **Look up value** in the field **Lot No.** on the Item Tracking Line, to see the information of the Lot Nos. for the **Item No.** (*M201520*) and **Location Code** (*BLUE*) of the Production Order Line**,** so you can choose the **Lot Nos.** you need to take the Consumption from – but if you know the Nos. you want, you can also enter them manually.



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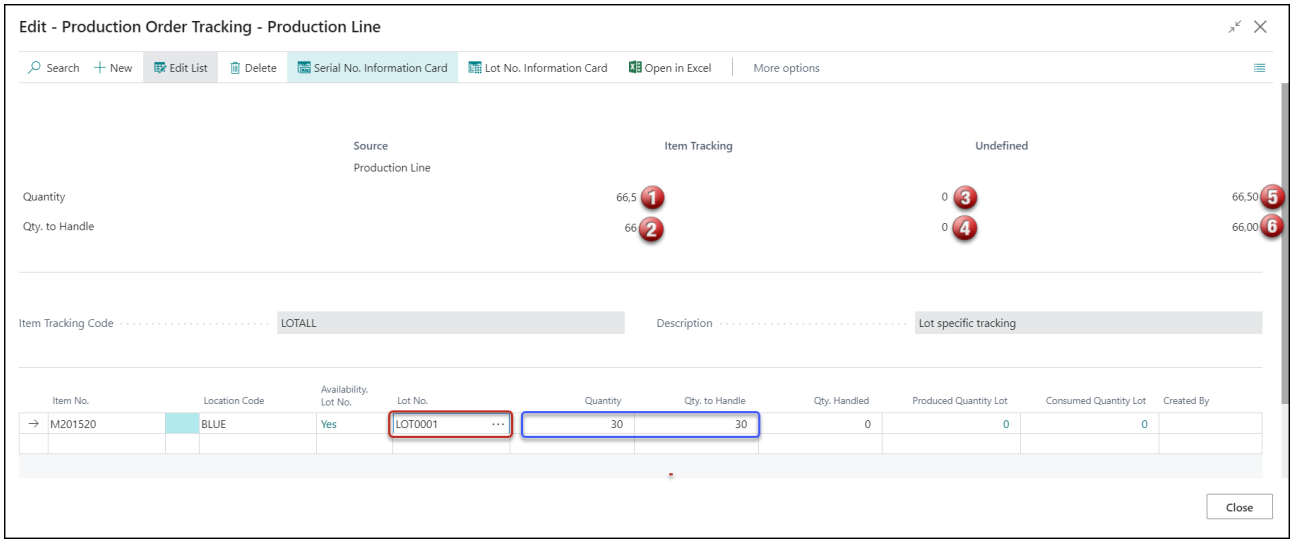
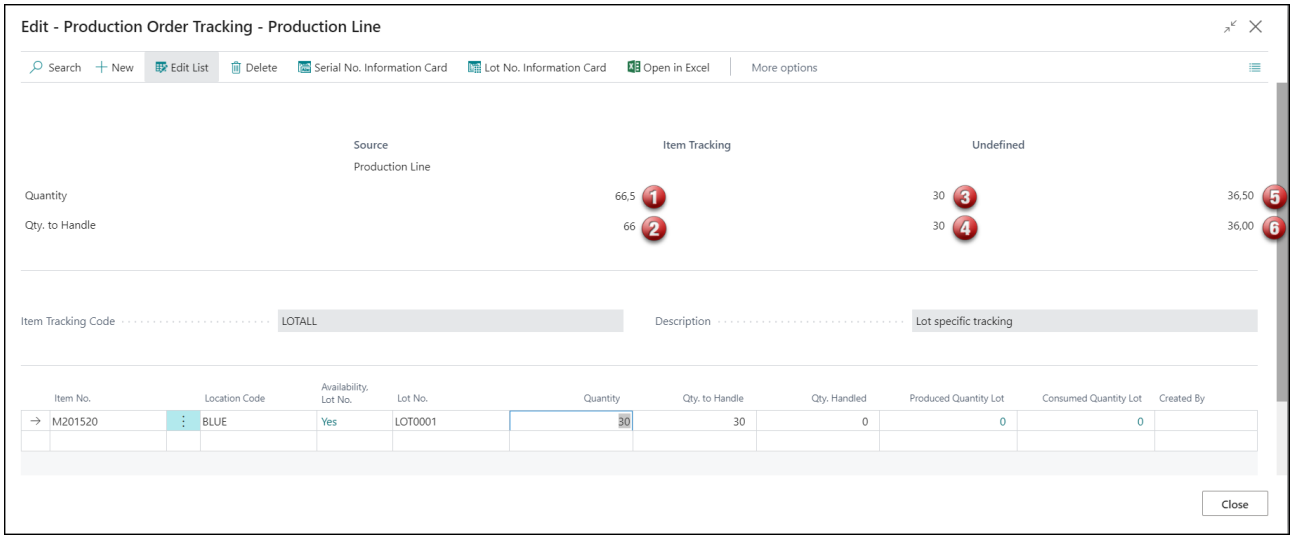
We will choose *LOT0001*:



When choosing a Lot No., the **Quantity** and **Qty. to Handle** will be filled automatically based on the quantities of *Undefined (5 and 6)* and the **Total Available Quantity** of the Lot No.
You will have to go to the next Line before the quantities of 3 – 6 will be updated.



Quantity is based on the **Total Available Quantity** of the Lot No. and the quantity you need based on the **Quantity** or **Quantity to Consume** (the highest of them both = number 1 in the picture above) of the Production Order Line and the quantities you already have specified from other Lot Nos.
Qty. to Handle is the quantity you want to take from this Lot No.
3 = Total **Quantity** of the specified Lot Nos.
4 = Total **Qty. to Handle** of the specified Lot Nos.
5 = 1 – 3
6 = 2 – 4

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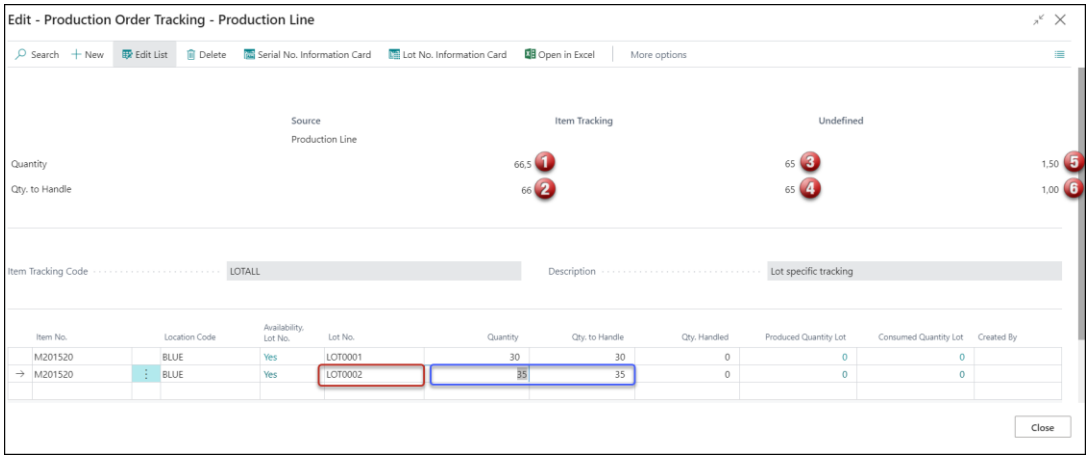
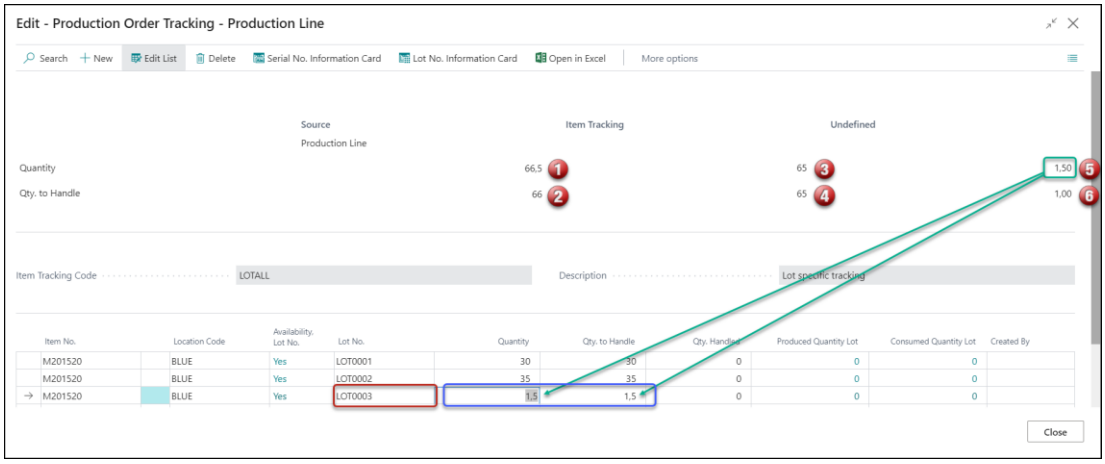
Click **Look up value** in the field **Lot No.** on the Item Tracking Line, so you can choose the next **Lot No.** you need to take the Consumption from. We will now choose *LOT0002*:

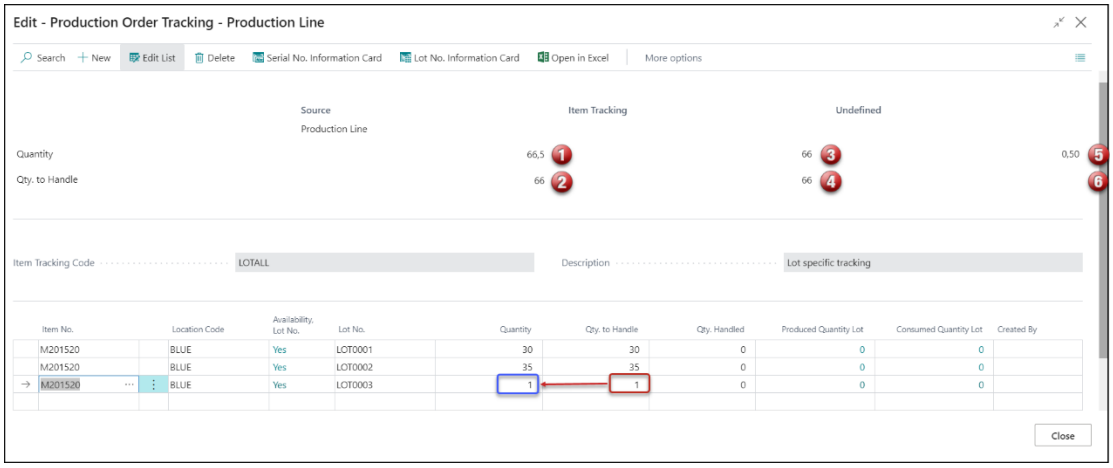


So, now the numbers 3, 4, 5, 6 have been updated after going to the next Line.

Click **Look up value** in the field **Lot No.** on the Item Tracking Line, so you can choose the next **Lot No.** you need to take the Consumption from. We will now choose *LOT0003*:



The system will automatically fill the **Quantity** and **Qty. to Handle** of the third chosen Lot No. with the *Undefined Quantity (5)*. You can change **Qty. to Handle** on the Line, which we will do in this example**.**



So now, 2 = 4: We have specified the **Qty. to Handle** based on the **Quantity to Consume** that you originally had on the Production Order Line.

Click **Close**.

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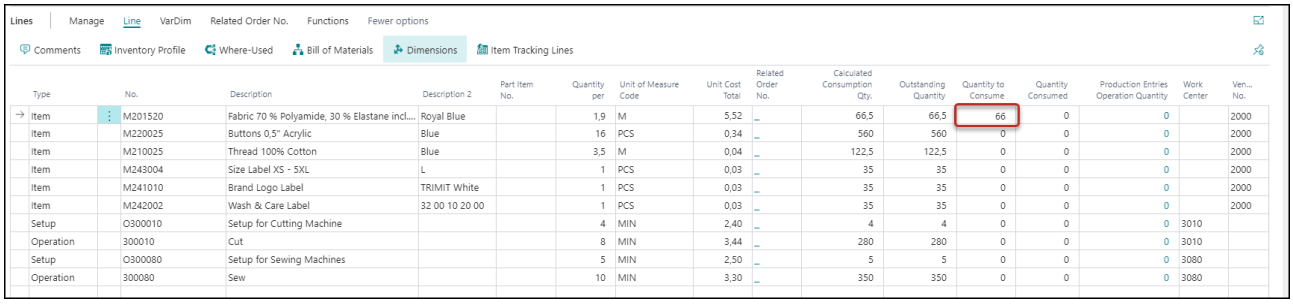
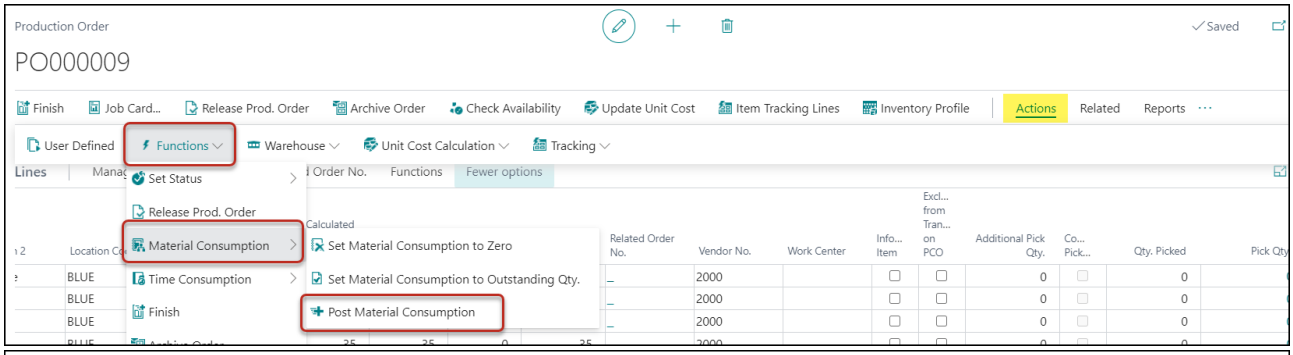
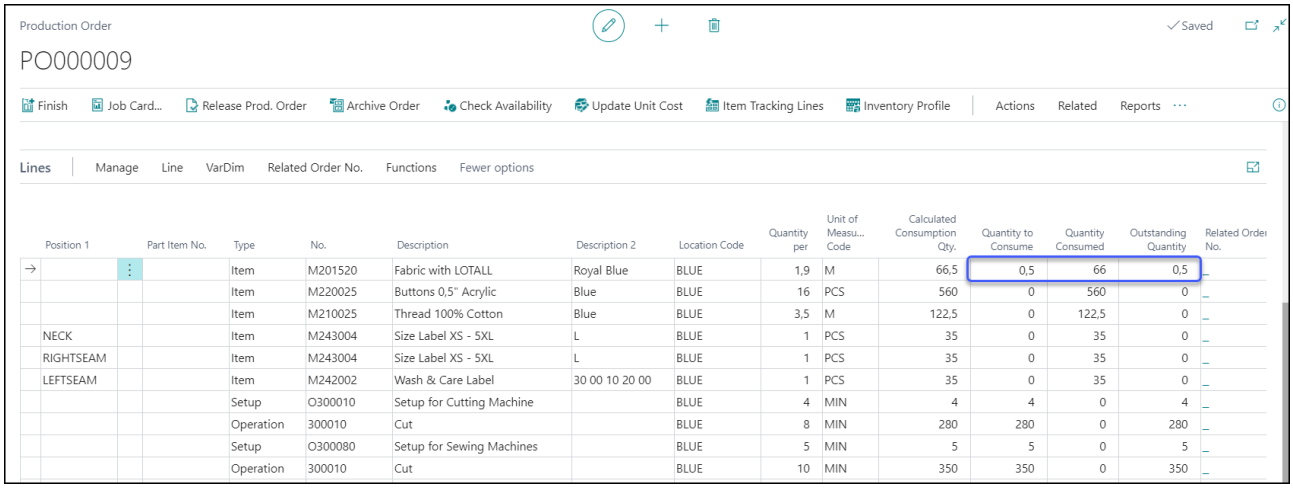


Type	No.	Description	Description 2	Part Item No.	Quantity per	Unit of Measure Code	Unit Cost Total	Related Order No.	Calculated Consumption Qty.	Outstanding Quantity	Quantity to Consume	Quantity Consumed	Production Entries Operation Quantity	Work Center	Ven... No.
Item	M201520	Fabric 70 % Polyamide, 30 % Elastane incl...	Royal Blue		1,9	M	5,52	_	66,5	66,5	66	0	0		2000
Item	M220025	Buttons 0,5" Acrylic	Blue		16	PCS	0,34	_	560	560	0	0	0		2000
Item	M210025	Thread 100% Cotton	Blue		3,5	M	0,04	_	122,5	122,5	0	0	0		2000
Item	M243004	Size Label XS - 5XL	L		1	PCS	0,03	_	35	35	0	0	0		2000
Item	M241010	Brand Logo Label	TRIMIT White		1	PCS	0,03	_	35	35	0	0	0		2000
Item	M242002	Wash & Care Label	32 00 10 20 00		1	PCS	0,03	_	35	35	0	0	0		2000
Setup	O300010	Setup for Cutting Machine			4	MIN	2,40	_	4	4	0	0	0	3010	
Operation	300010	Cut			8	MIN	3,44	_	280	280	0	0	0	3010	
Setup	O300080	Setup for Sewing Machines			5	MIN	2,50	_	5	5	0	0	0	3080	
Operation	300080	Sew			10	MIN	3,30	_	350	350	0	0	0	3080	

In the Production Order Line, the **Quantity to Consume** will be recalculated based on the total **Qty. to Handle** from the related Item Tracking Lines.

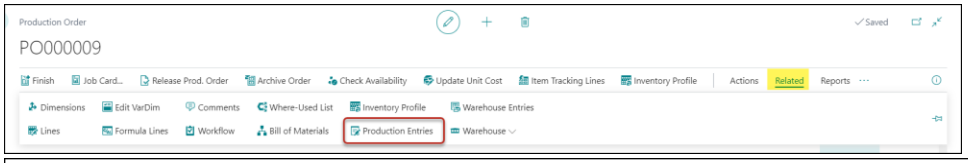
We can now post the Consumption for this Production Order Line by clicking ***Actions, Functions***, ***Material Consumption***, ***Post Material Consumption.***

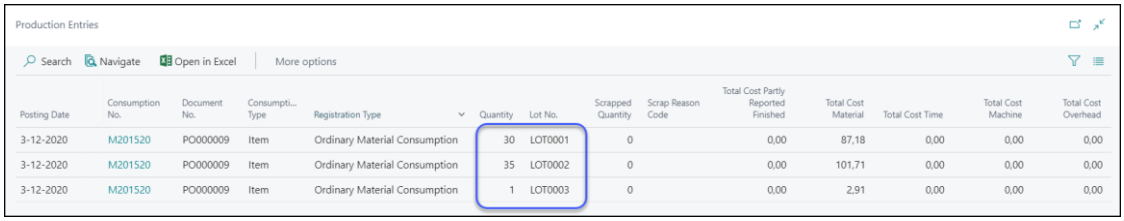




Position 1	Part Item No.	Type	No.	Description	Description 2	Location Code	Quantity per	Unit of Measu... Code	Calculated Consumption Qty.	Quantity to Consume	Quantity Consumed	Outstanding Quantity	Related Order No.
		Item	M201520	Fabric with LOTALL	Royal Blue	BLUE	1,9	M	66,5	0,5	66	0,5	_
		Item	M220025	Buttons 0,5" Acrylic	Blue	BLUE	16	PCS	560	0	560	0	_
		Item	M210025	Thread 100% Cotton	Blue	BLUE	3,5	M	122,5	0	122,5	0	_
NECK		Item	M243004	Size Label XS - 5XL	L	BLUE	1	PCS	35	0	35	0	_
RIGHTSEAM		Item	M243004	Size Label XS - 5XL	L	BLUE	1	PCS	35	0	35	0	_
LEFTSEAM		Item	M242002	Wash & Care Label	30 00 10 20 00	BLUE	1	PCS	35	0	35	0	_
		Setup	O300010	Setup for Cutting Machine		BLUE	4	MIN	4	4	0	4	_
		Operation	300010	Cut		BLUE	8	MIN	280	280	0	280	_
		Setup	O300080	Setup for Sewing Machines		BLUE	5	MIN	5	5	0	5	_
		Operation	300010	Cut		BLUE	10	MIN	350	350	0	350	_

In the **Production Entries** (by clicking ***Related, Production Entries***), you see for the *M201520*:





Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Quantity	Lot No.	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine	Total Cost Overhead
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	30	LOT0001	0		0,00	87,18	0,00	0,00	0,00
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	35	LOT0002	0		0,00	101,71	0,00	0,00	0,00
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	1	LOT0003	0		0,00	2,91	0,00	0,00	0,00

Press **Esc.**

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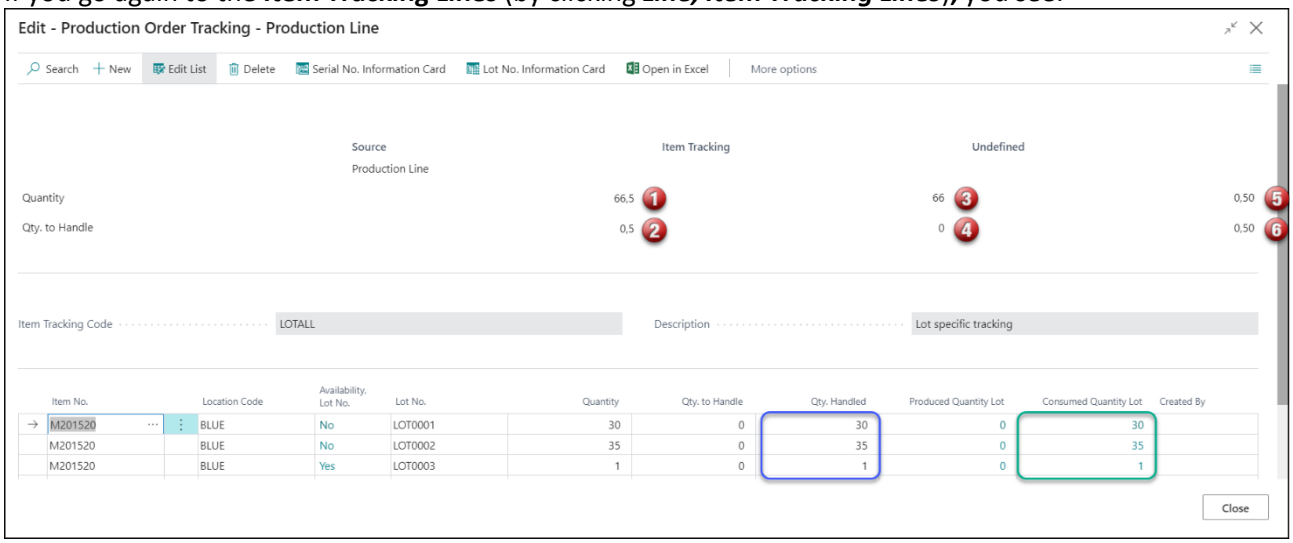
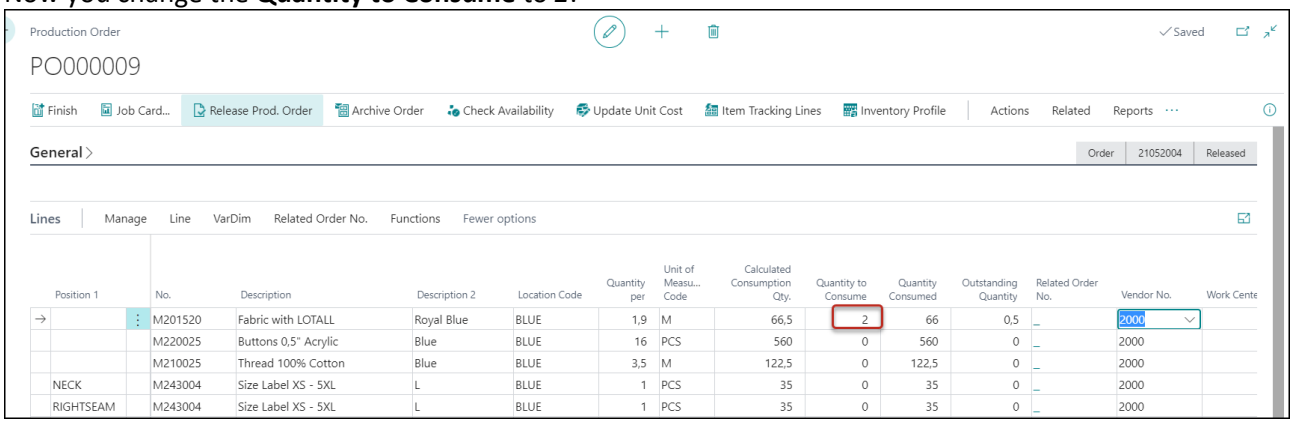
If you go again to the **Item Tracking Lines** (by clicking ***Line, Item Tracking Lines***), you see:



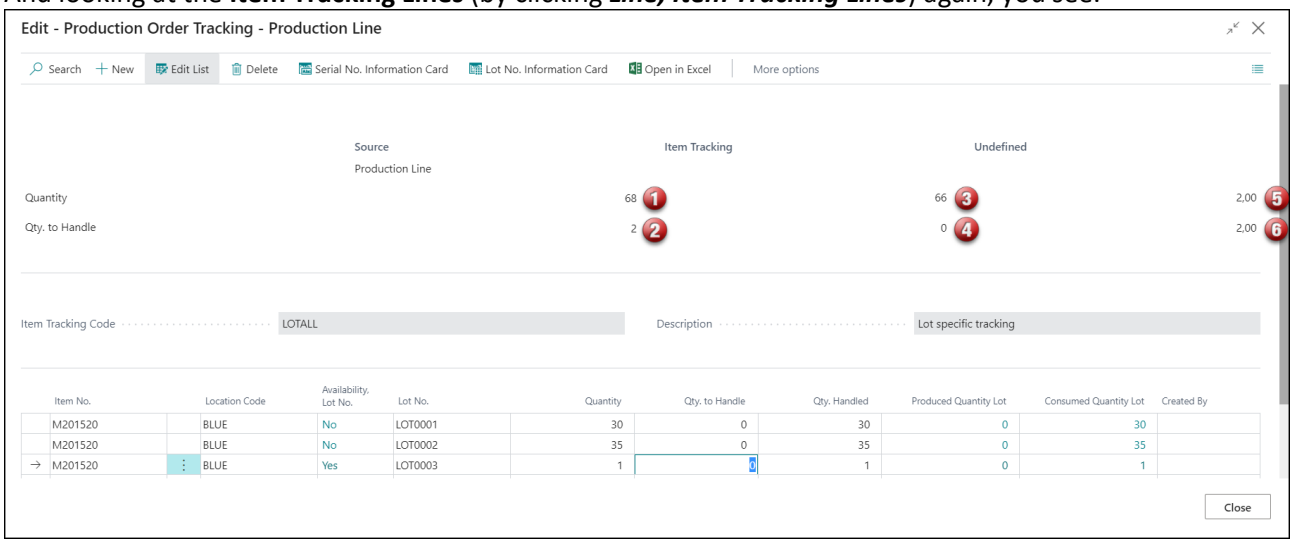
Qty. Handled = Posted Consumption on the current Production Order/Production Order Line.
Consumed Quantity Lot = Total Posted Consumptions on the **Lot No.**

Click **Close**

Now you change the **Quantity to Consume** to *2*:



And looking at the **Item Tracking Lines** (by clicking ***Line, Item Tracking Lines***) again, you see:



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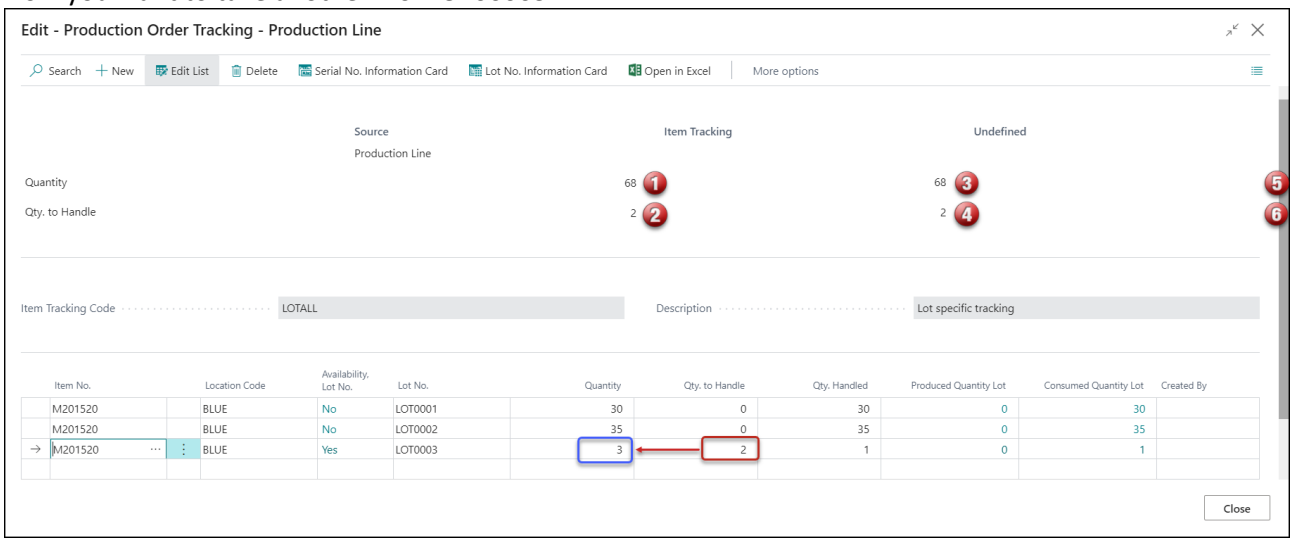
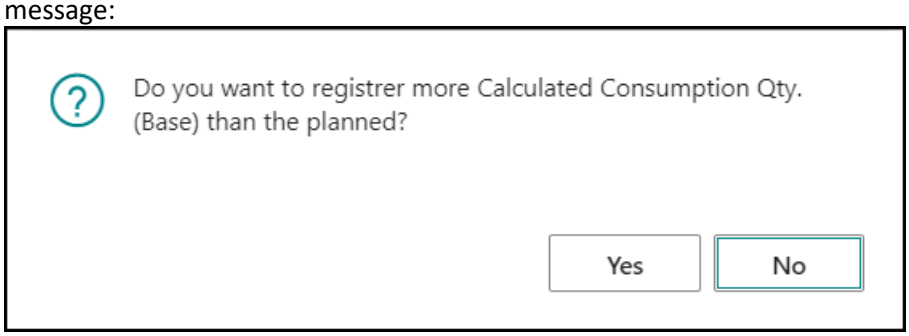
1 = **Quantity Consumed + Quantity to Consume** because it is bigger as the original **Calculated Consumption Quantity** of the Production Order Line.
2 = **Quantity to Consume** of the Production Order Line
3 = **Quantity Consumed** with the earlier selected 3 Lot Nos.
4 = **Qty. to Handle** of the Item Tracking Lines
5 = 1 – 3
6 = 2 – 4

Now you want to take another *2* of *LOT00003:*



After you specified **Qty. to Handle** *2,* which would make the total quantity of all the Lot Nos. (**Qty. Handled** + **Qty. to Handle**) more as the **Calculated Consumption Qty.** of the Production Order Line, you will get a message:



Click **Yes**, so the extra Consumption of *2* can be specified and posted.

The **Quantity** of *LOT0003* is now also updated from *1* (which you took the first time) to *3* (**Qty. Handled** + **Quantity to Handle**) of the *LOT00003*.

Click **Close**

We can now post the (extra) Consumption for this Production Order Line by clicking ***Actions, Functions***, ***Material Consumption***, ***Post Material Consumption.***

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Therefore, the total **Quantity Consumed** on the Production Order Line is now *68*:

Production Order

PO000009

Finish | Job Card... | Release Prod. Order | Archive Order | Check Availability | Update Unit Cost | Item Tracking Lines | Inventory Profile | Actions | Related | Reports

General

Order | 21052004 | Released

Lines | Manage | Line | VarDim | Related Order No. | Functions | Fewer options

Position 1	No.	Description	Description 2	Location Code	Quantity per	Unit of Measu... Code	Calculated Consumption Qty.	Quantity to Consume	Quantity Consumed	Outstanding Quantity	Related Order No.	Vendor No.	Work Cente
	M201520	Fabric with LOTALL	Royal Blue	BLUE	1,9	M	66,5	0	68	0		2000	
	M220025	Buttons 0,5" Acrylic	Blue	BLUE	16	PCS	560	0	560	0		2000	
	M210025	Thread 100% Cotton	Blue	BLUE	3,5	M	122,5	0	122,5	0		2000	
NECK	M243004	Size Label XS - 5XL	L	BLUE	1	PCS	35	0	35	0		2000	
RIGHTSEAM	M243004	Size Label XS - 5XL	L	BLUE	1	PCS	35	0	35	0		2000	
LEFTSEAM	M242002	Wash & Care Label	30 00 10 20 00	BLUE	1	PCS	35	0	35	0		2000	
	Q300010	Setup for Cutting Machine		BLUE	4	MIN	4	4	0	4			3010

In the **Production Entries** (by clicking ***Related, Production Entries***), you see for the *M201520*:

Production Entries

Search | Navigate | Open in Excel | More options

Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Quantity	Lot No.	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine	Total Cost Overhead
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	2	LOT0003	0		0,00	5,81	0,00	0,00	0,00
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	1	LOT0003	0		0,00	2,91	0,00	0,00	0,00
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	35	LOT0002	0		0,00	101,71	0,00	0,00	0,00
3-12-2020	M201520	PO000009	Item	Ordinary Material Consumption	30	LOT0001	0		0,00	87,18	0,00	0,00	0,00

NOTE

Based on the Parameter **Posting Doc. No. Matr. Entries Per** in the Production Setup**,** which is set to *Production Order*, the **Document No.** of the Production Entry is the Production Order *PO000009*)

Press **Esc.**

And looking at the **Item Tracking Lines** (by clicking ***Line, Item Tracking Lines***) again, you see:

Edit - Production Order Tracking - Production Line

Search | New | Edit List | Delete | Serial No. Information Card | Lot No. Information Card | Open in Excel | More options

	Source Production Line	Item Tracking	Undefined
Quantity		68 (1)	68 (3)
Qty. to Handle		0 (2)	0 (4)

(5) (6)

Item Tracking Code: LOTALL Description: Lot specific tracking

Item No.	Location Code	Availability. Lot No.	Lot No.	Quantity	Qty. to Handle	Qty. Handled	Produced Quantity Lot	Consumed Quantity Lot	Created By
M201520	BLUE	No	LOT0001	30	0	30	0	30	
M201520	BLUE	No	LOT0002	35	0	35	0	35	
M201520	BLUE	Yes	LOT0003	3	0	3	0	3	

Close

1 and 3 are now based on the **Quantity Consumed** from the Production Order Line, and the **Qty. Handled** and **Consumed Quantity Lot** are based on the total quantities that has been posted from the Lot Nos.

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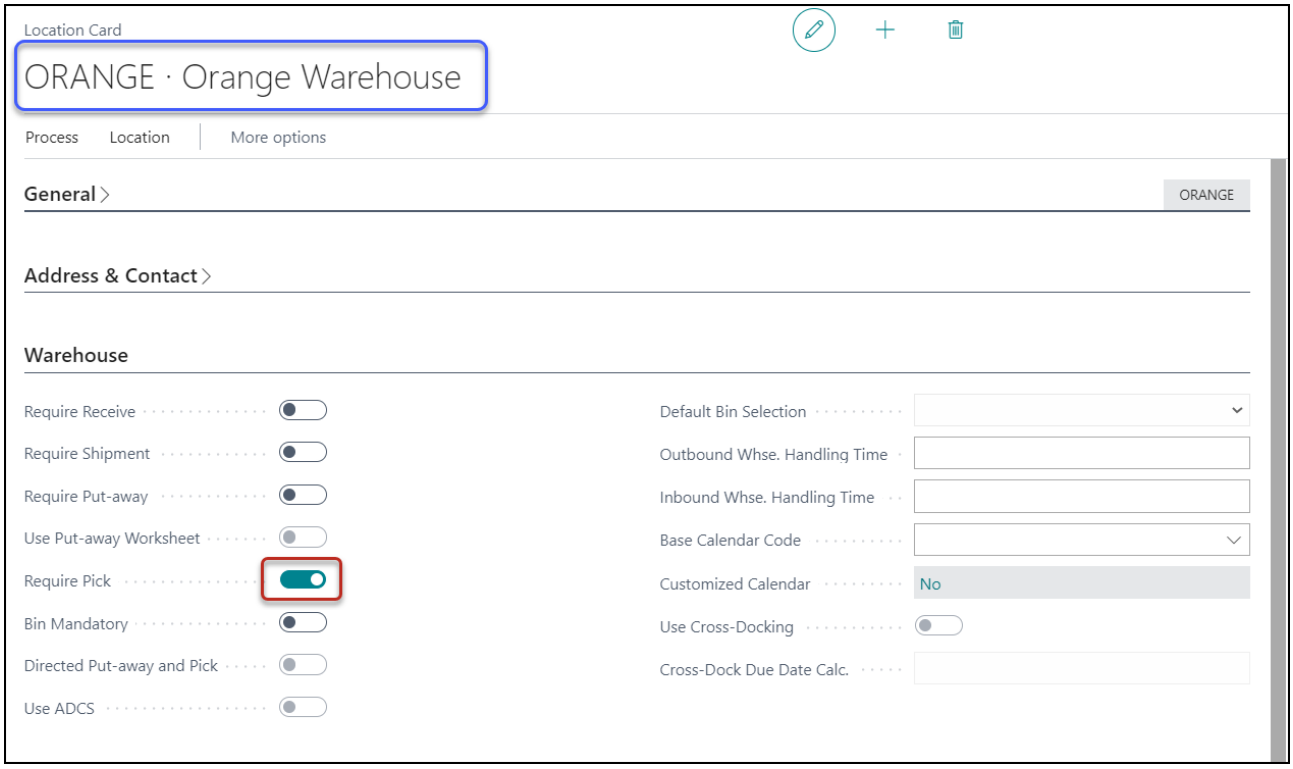
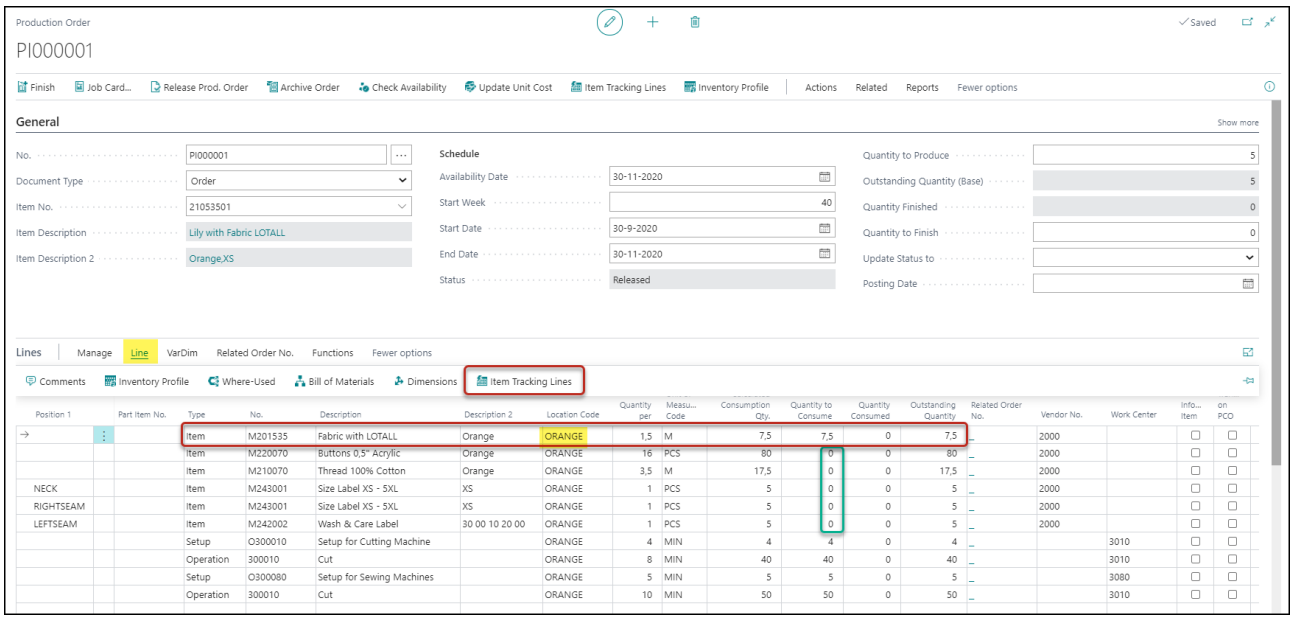
SPECIFY THE ITEM TRACKING LINES – WHEN USING INVENTORY PICK

In case the **Location Code** has a checkmark in *Require Pick*:



You still need to specify the **Item Tracking Lines** for the Consumption of Items the same way as in [Specify the Item Tracking Lines.]

I.e. for Production Order *PI000001*



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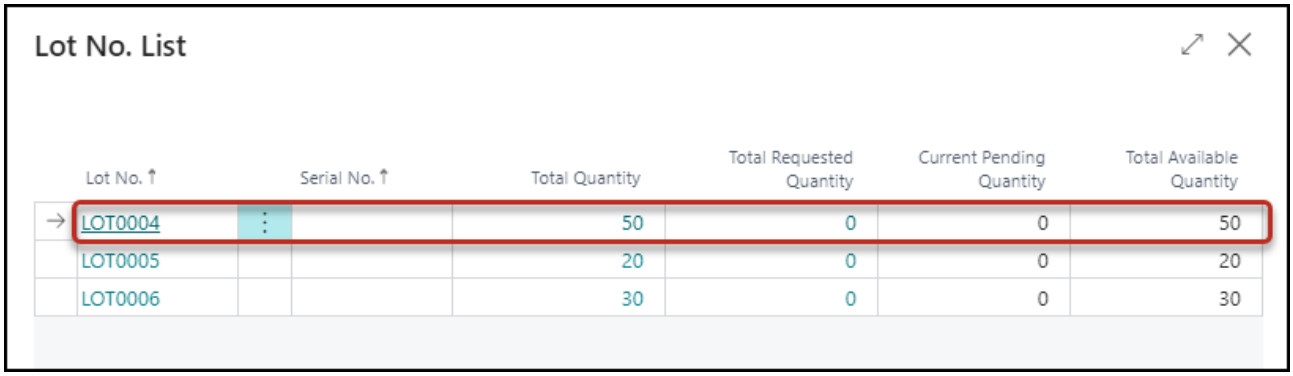
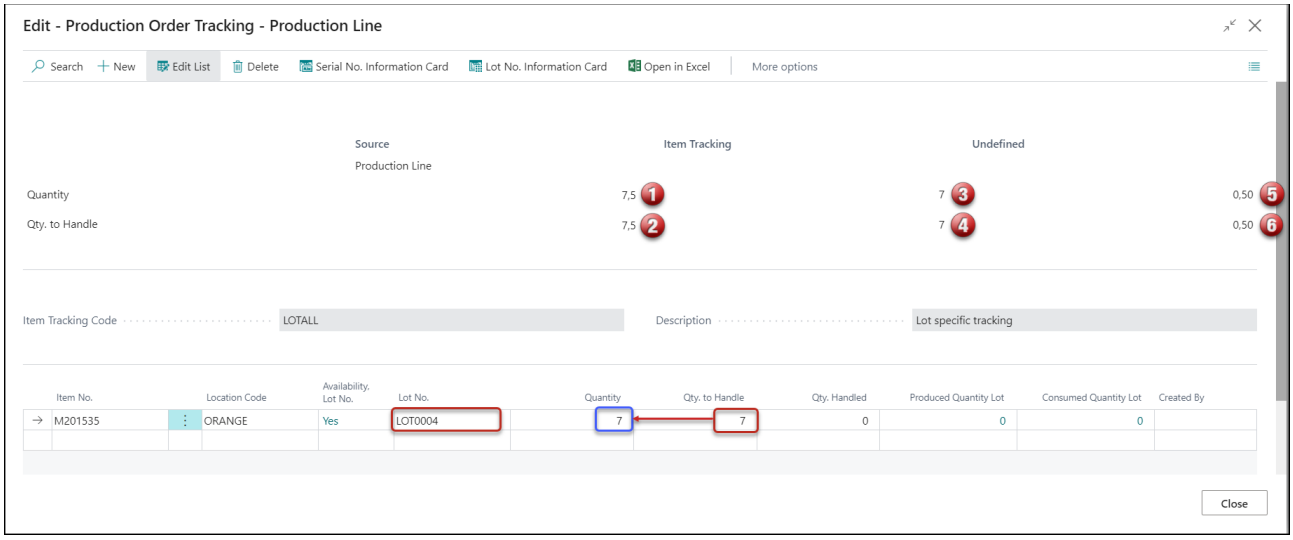
In the Item Tracking Lines (by clicking ***Line, Item Tracking Lines***), clicking **Look up value** in the field **Lot No.** will show you three Lot Nos., from which you will choose *LOT0004*:

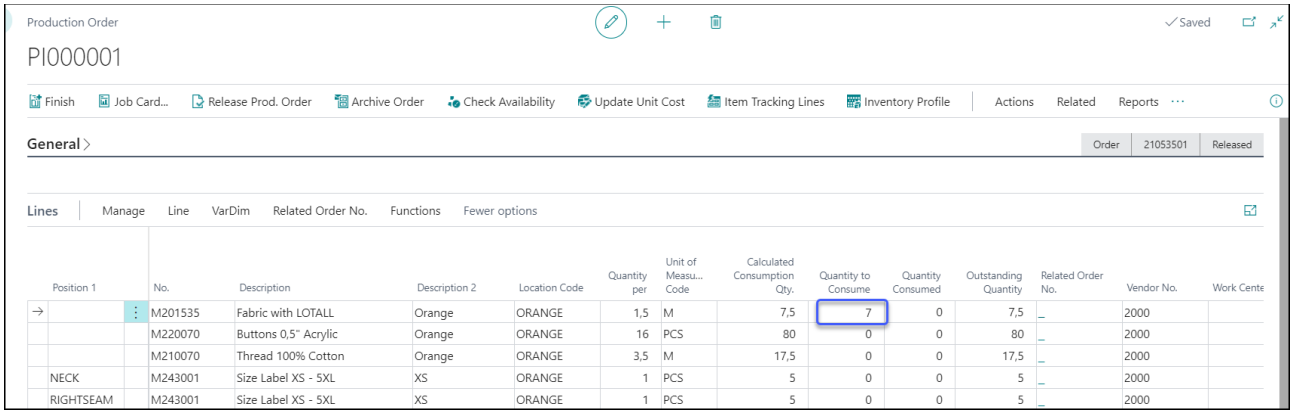


But will only take *7 Meters.*



Click **Close**

In the Production Order Line, the **Qty. to Consume** is now – based on the **Qty. to Handle** of the chosen Lot No. – set to *7,00*:



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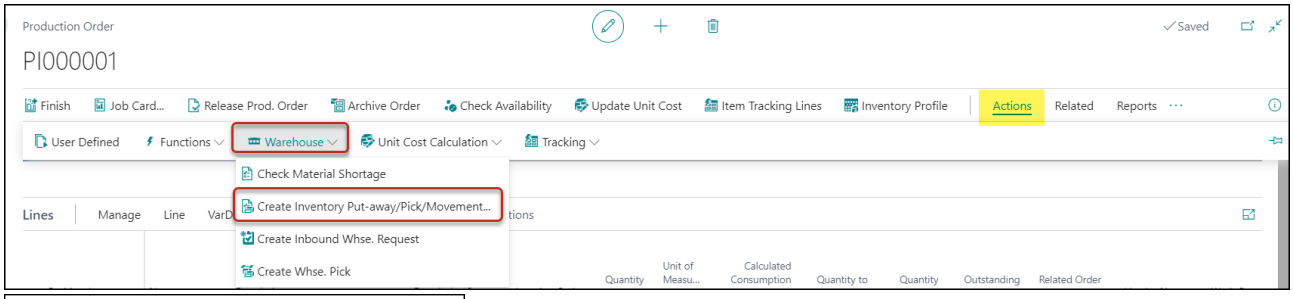
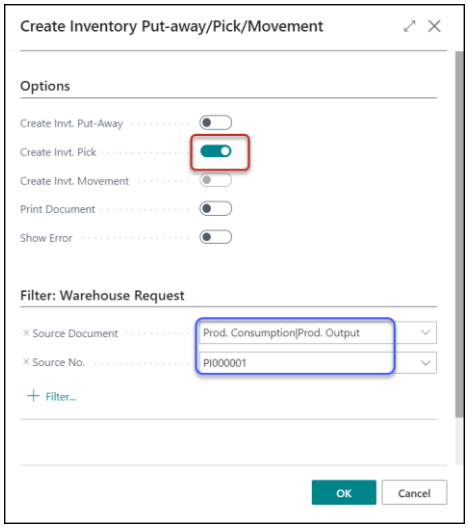
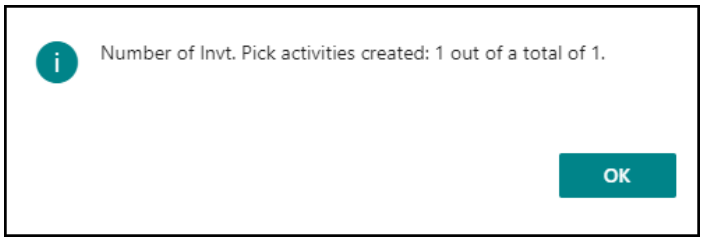
Because of the **Location Code** *Orange,* you need to create an Inventory Pick by clicking ***Actions, Warehouse, Create Inventory Put-away/Pick/Movement***:

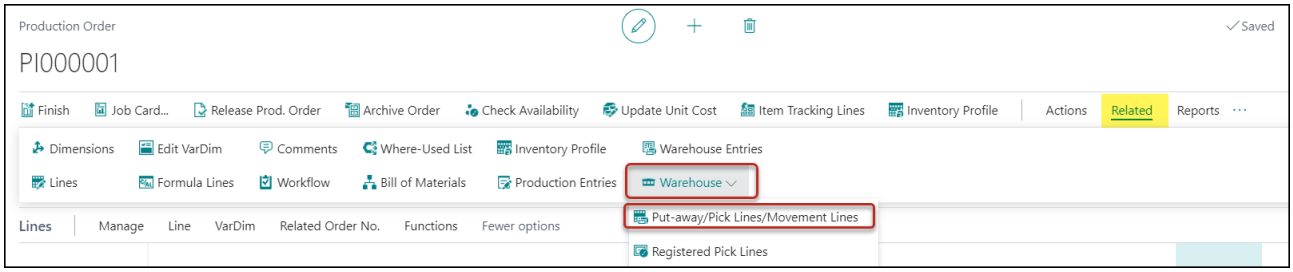


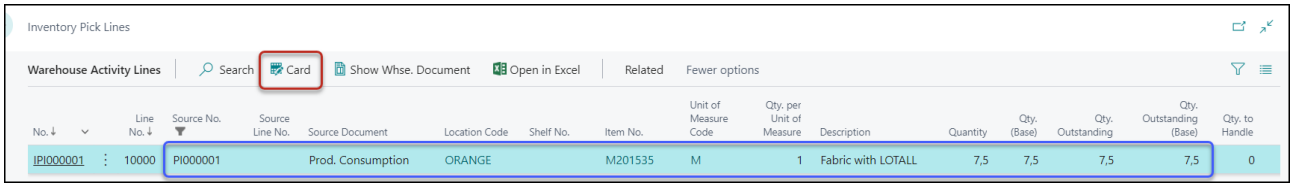


Because we did have some Stock, an Inventory Pick has been created.



By clicking ***Related, Warehouse, Put-away/Pick Lines/Movement Lines*** you can see the created Inventory Pick Lines.





Only for our Fabric, a **Warehouse Activity Line** was created; this was the only Material available in the **Location Code** *ORANGE*.

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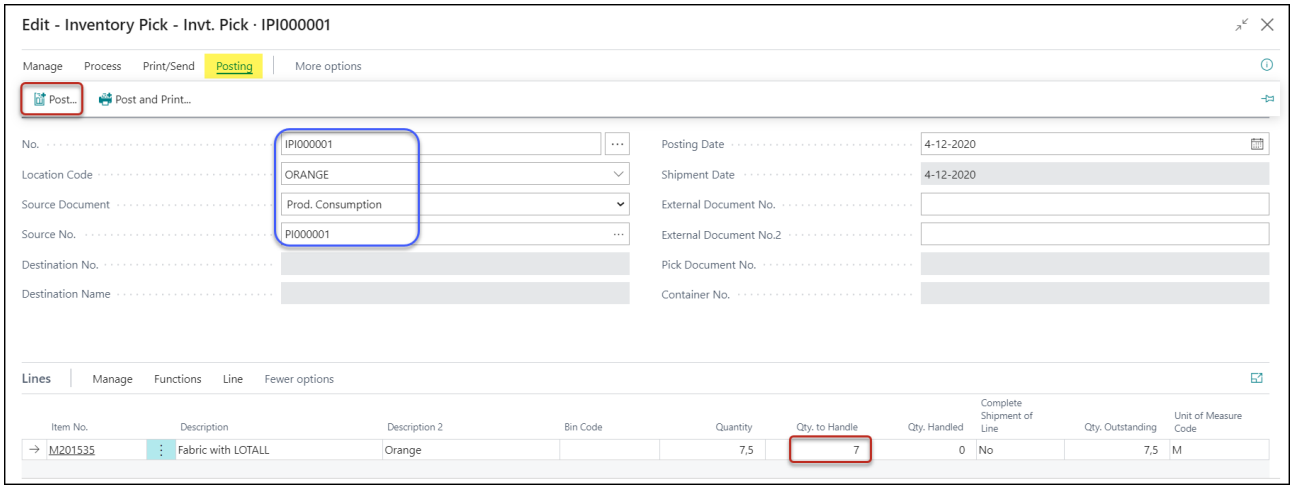
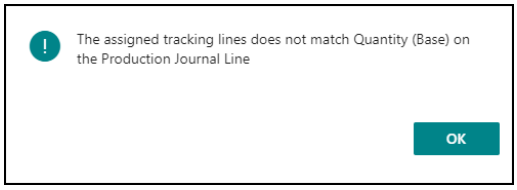
Click **Card**, to open the Card.



You need to enter the **Qty. to Handle** manually based on the quantities that you have taken in the Item Tracking Lines, and click ***Posting,*** click ***Post.***

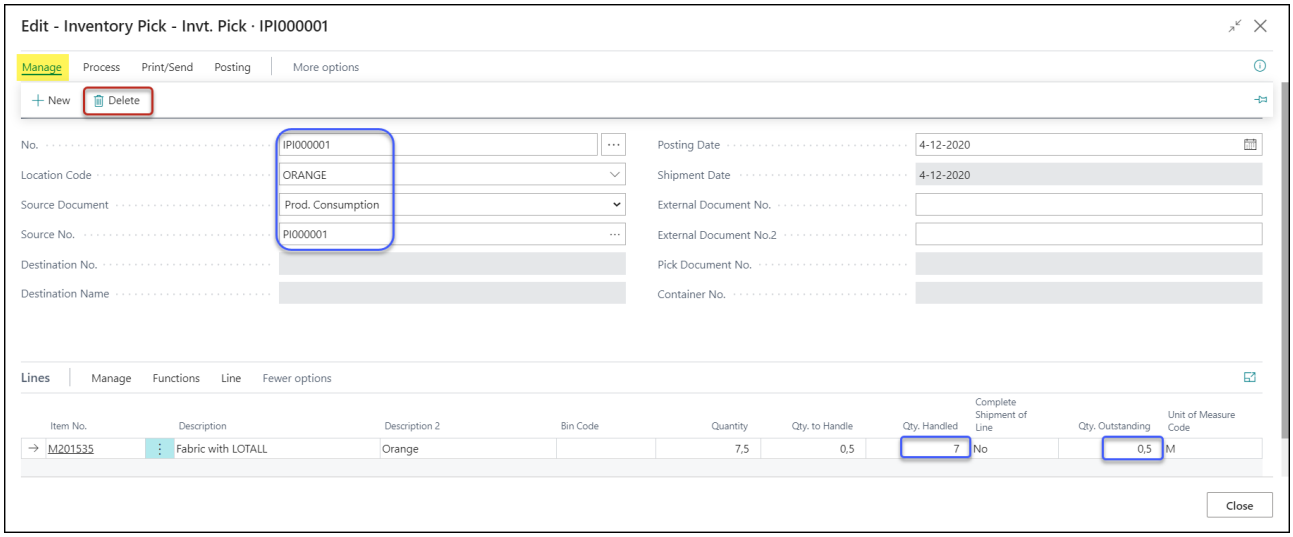
NOTE

You are not able to enter a higher **Qty. to Handle** on the Inventory Pick as you have specified in the Item Tracking Lines of the Production Order Line. This will however only be visible when you want to Post the Inventory Pick – not while entering the **Qty. to Handle** on the Inventory Pick Line!



When you post the Inventory Pick, the **Qty. to Handle** of the Inventory Pick Line will also be posted as the Consumption of the Materials in the Production Order at the same time.

For the remaining 0,5 meter, you can delete the Inventory Pick (by clicking ***Manage, Delete***).



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Now let's look again at the Production Order:
The **Quantity Consumed** is filled with the **Qty. to Handle** from the Inventory Pick.

Production Order

PI000001

Finish | Job Card... | Release Prod. Order | Archive Order | Check Availability | Update Unit Cost | Item Tracking Lines | Inventory Profile | Actions | Related | Reports

General

Order | 21053501 | Released

Lines | Manage | Line | VarDim | Related Order No. | Functions | Fewer options

Position 1	Part Item No.	Type	No.	Description	Description 2	Location Code	Quantity per	Unit of Measu... Code	Calculated Consumption Qty.	Quantity to Consume	Quantity Consumed	Outstanding Quantity	Related Order No.
		Item	M201535	Fabric with LOTALL	Orange	ORANGE	1,5	M	7,5	0,5	7	0,5	
		Item	M220070	Buttons 0,5" Acrylic	Orange	ORANGE	16	PCS	80	0	0	80	
		Item	M210070	Thread 100% Cotton	Orange	ORANGE	3,5	M	17,5	0	0	17,5	
NECK		Item	M243001	Size Label XS - 5XL	XS	ORANGE	1	PCS	5	0	0	5	
RIGHTSEAM		Item	M243001	Size Label XS - 5XL	XS	ORANGE	1	PCS	5	0	0	5	

In the **Item Tracking Line** (by clicking ***Line, Item Tracking Lines***), you can see that the **Qty. Handled** is updated with the same quantity.

Edit - Production Order Tracking - Production Line

Search | New | Edit List | Delete | Serial No. Information Card | Lot No. Information Card | Open in Excel | More options

	Source Production Line	Item Tracking	Undefined
Quantity	7,5	7	0,50
Qty. to Handle	0,5	0	0,50

Item Tracking Code: LOTALL

Description: Lot specific tracking

Item No.	Location Code	Availability, Lot No.	Lot No.	Quantity	Qty. to Handle	Qty. Handled	Produced Quantity Lot	Consumed Quantity Lot	Created By
M201535	ORANGE	Yes	LOT0004	7	0	7	0	7	

In the **Production Entries** (by clicking ***Related, Production Entries***), you see the posting of the consumption.

Production Entries

Search | Navigate | Open in Excel | More options

Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Quantity	Lot No.	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine	Total Cost Overhead
4-12-2020	M201535	PI000001	Item	Ordinary Material Consumption	7	LOT0004	0		0,00	20,34	0,00	0,00	0,00

NOTE

Based on the Parameter **Posting Doc. No. Matr. Entries Per** in the Production Setup**,** which is set to *Production Order*, the **Document No.** of the Production Entry is the Production Order *PI000001*)

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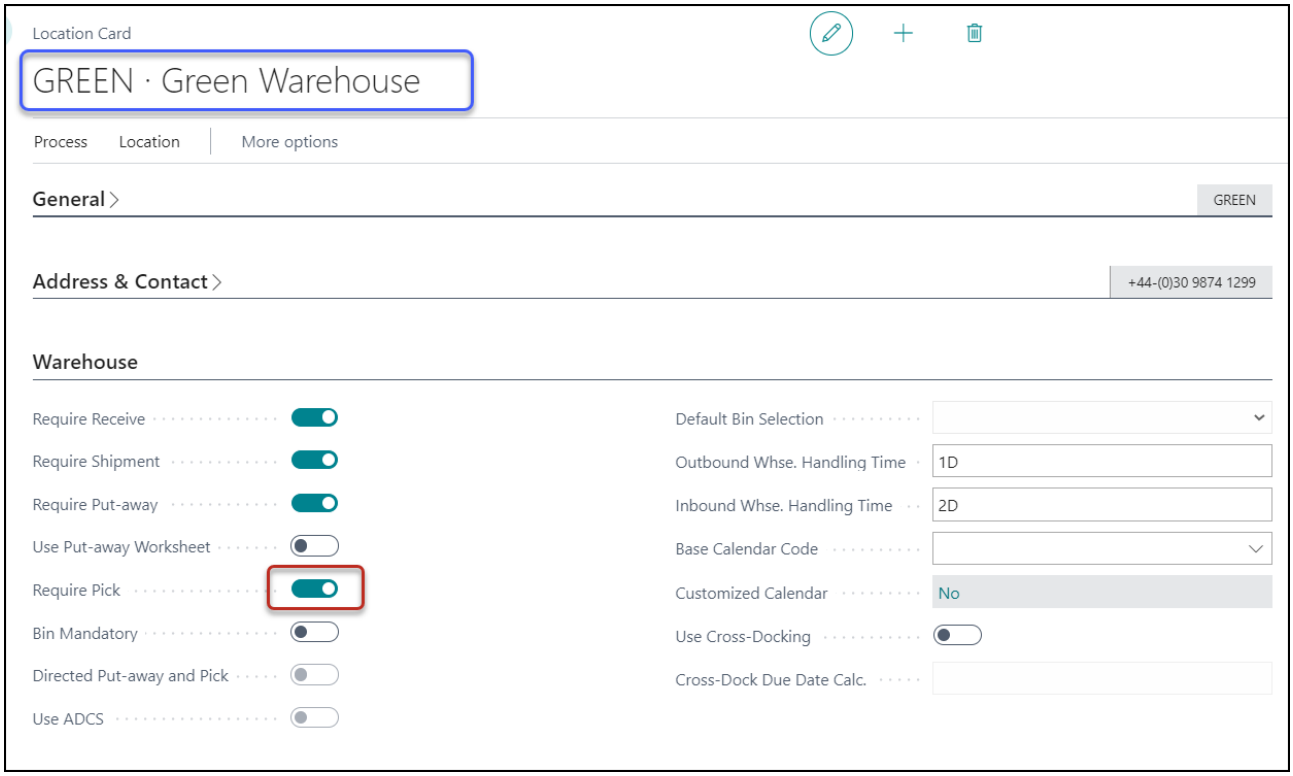
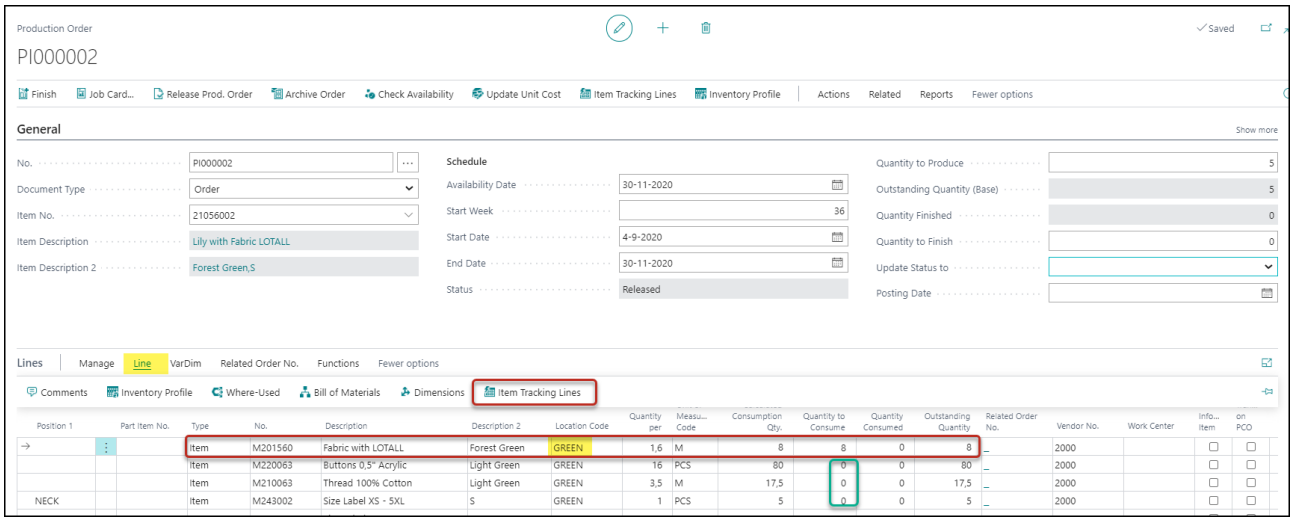
SPECIFY THE ITEM TRACKING LINES – WHEN USING WAREHOUSE PICK

In case the **Location Code** has a checkmark in *Require Pick*:



You still need to specify the **Item Tracking Lines** for the consumption of Items the same way as in [Specify the Item Tracking Lines.]

I.e. for Production Order *PI000002*



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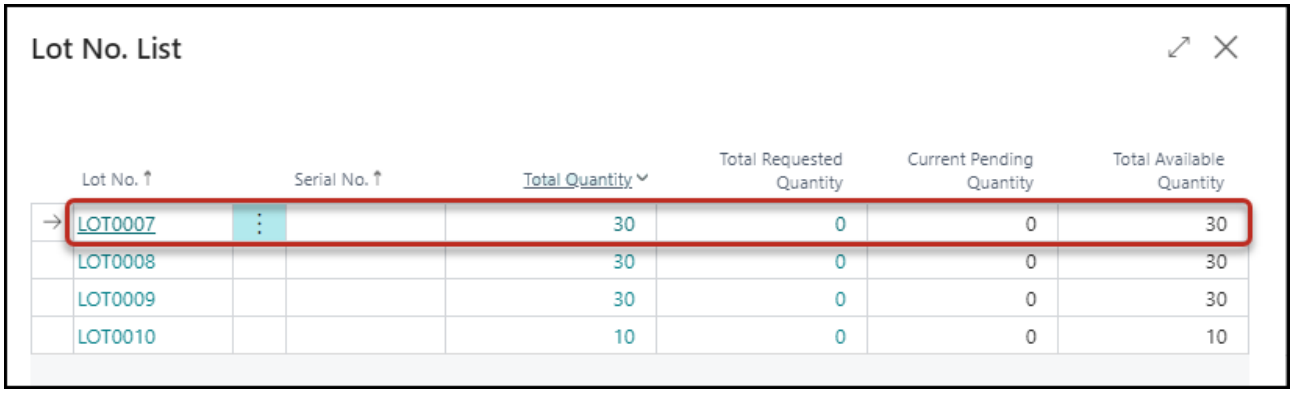
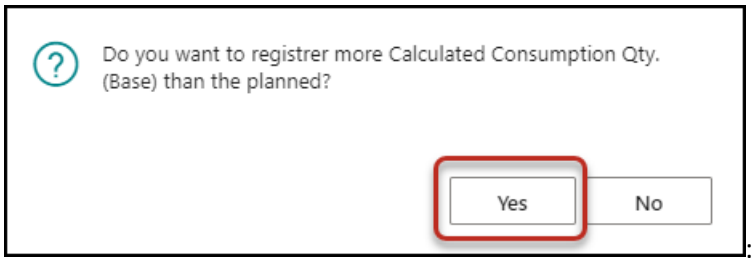
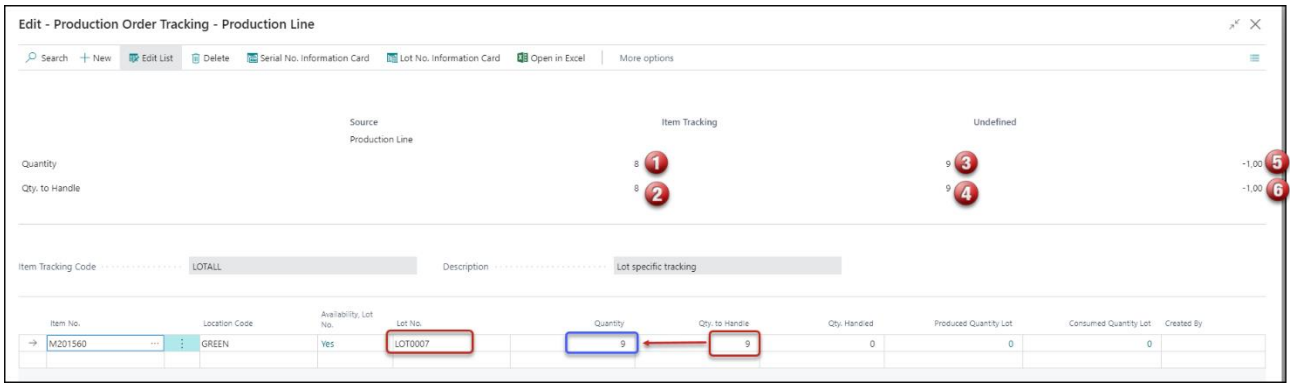
Via ***Line, Item Tracking Lines,*** clicking **Look up value** in the field **Lot No.** will show you three Lot Nos.



You can choose the Lot No. *LOT0007* and take *9 Meters.* You will get a message, because you want to use more than the **Outstanding Quantity** of the Production Order Line, which must be confirmed by clicking **Yes.**

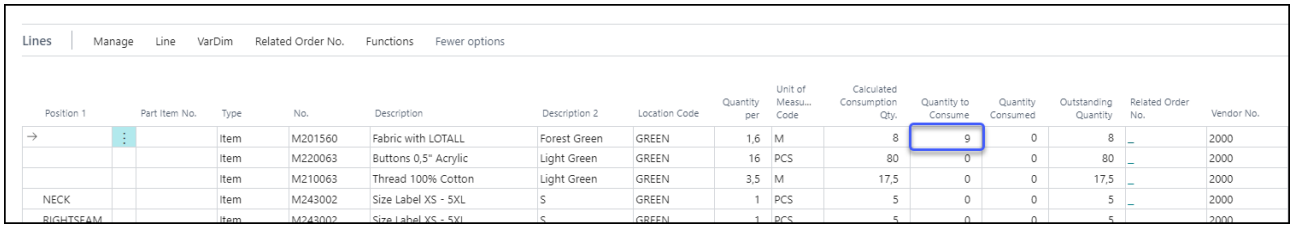


:



Click **Close**

In the Production Order Line, the **Qty. to Consume** is now – based on the **Qty. to Handle** of the specified Lot No. – set to *9,00*:



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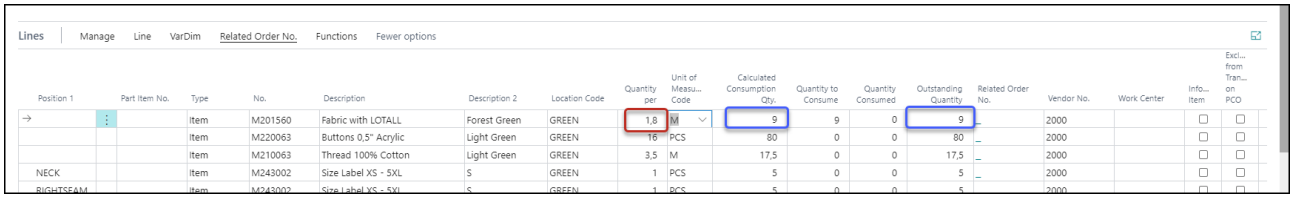
Based on the standard functionality of BC Warehouse Pick, you also need to change the **Quantity Per**, so the **Outstanding Quantity** will also become *9,00*.

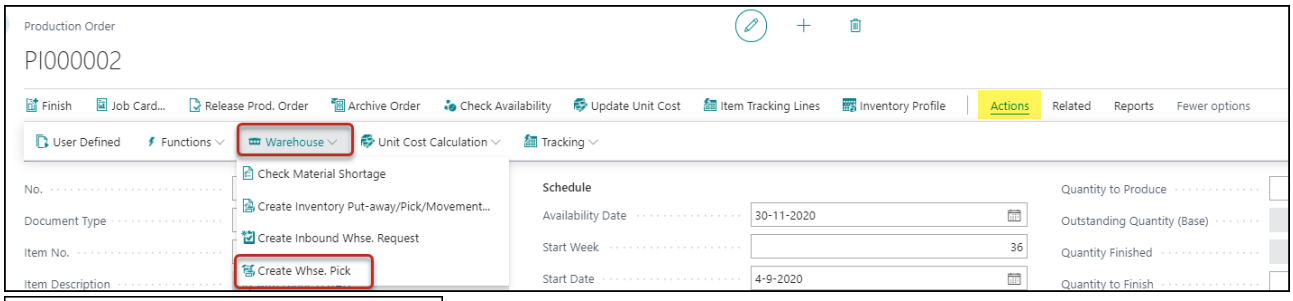


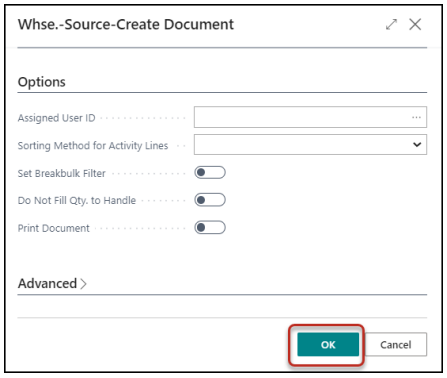
Position 1	Part Item No.	Type	No.	Description	Description 2	Location Code	Quantity per	Unit of Measu... Code	Calculated Consumption Qty.	Quantity to Consume	Quantity Consumed	Outstanding Quantity	Related Order No.	Vendor No.	Work Center	Info... Item	Excl... from Tran... on PCO
		Item	M201560	Fabric with LOTALL	Forest Green	GREEN	1,8	M	9	9	0	9		2000			
		Item	M220063	Buttons 0,5" Acrylic	Light Green	GREEN	16	PCS	80	0	0	80		2000			
		Item	M210063	Thread 100% Cotton	Light Green	GREEN	3,5	M	17,5	0	0	17,5		2000			
NECK		Item	M243002	Size Label XS - 5XL	S	GREEN	1	PCS	5	0	0	5		2000			
RIGHTSEAM		Item	M243002	Size Label XS - 5XL	S	GREEN	1	PCS	5	0	0	5		2000			

NOTE

The Production Order is already *Released*, so you need to set the **Status** back by clicking ***Actions, Functions, Set Status, Undo Release***, which will change the **Status** to *Planned*. Then you need to set the **Status** back to *New* by clicking ***Actions, Functions, Set Status, Rest Planned***.
After the change of the **Quantity per** to *1.8,* you need to *Release* the Production Order again.

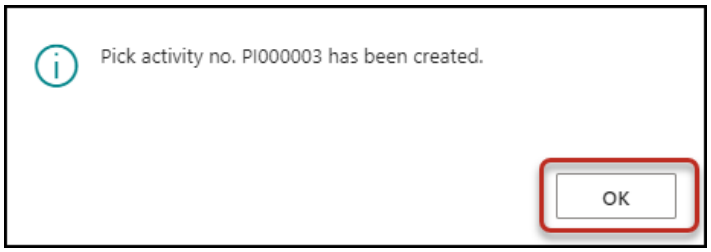
Because of the **Location Code** *Green,* you need to create a Warehouse Pick by clicking ***Actions, Warehouse, Create Whse. Pick***:





Click **OK**.

Because we did have some Stock, a Warehouse Pick has been created.



Click **OK**.

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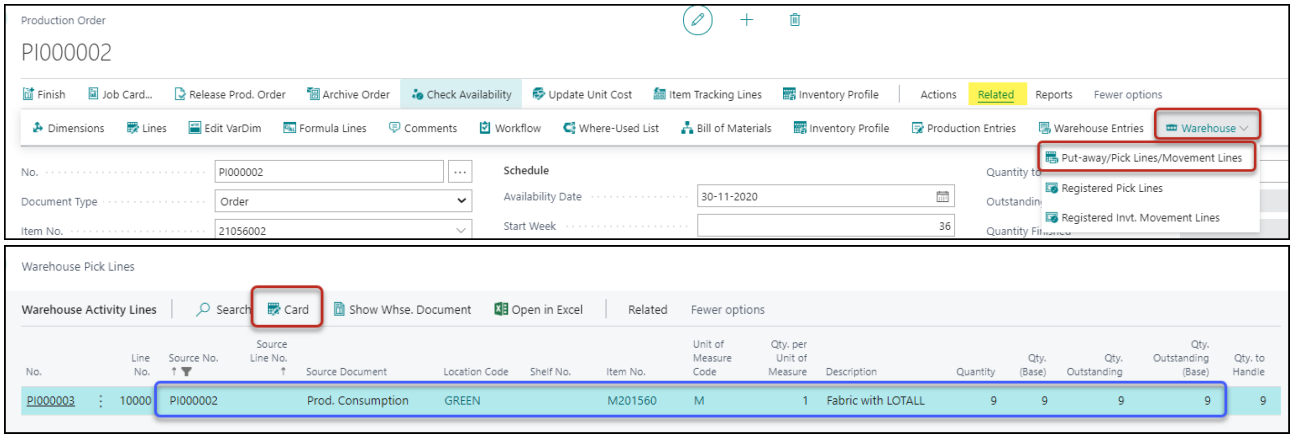
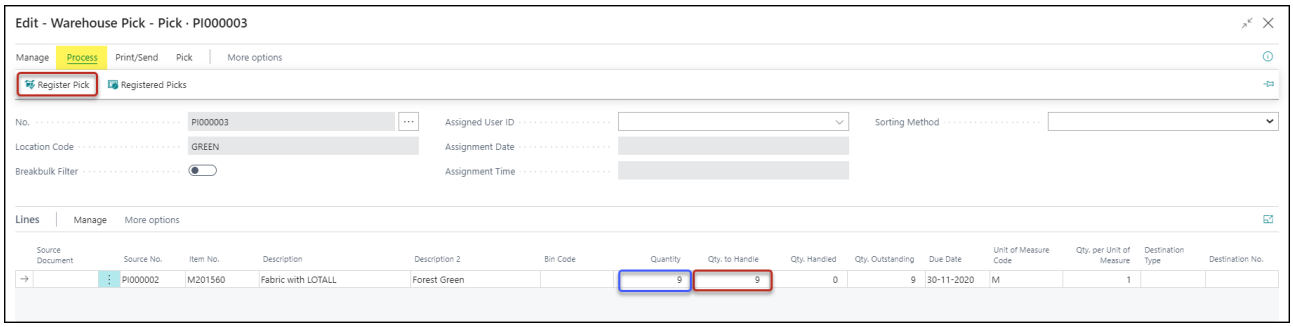
By clicking ***Related, Warehouse, Put-away/Pick Lines/Movement Lines*** you can see the created Warehouse Pick Lines.



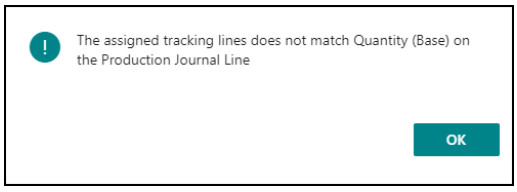
Only for our Fabric, a **Warehouse Activity Line** was created; this was the only material available in the **Location Code** *GREEN*. Click **Card**, to open the Card.



The **Qty. to Handle** has already been filled based on the **Outstanding Quantity** of the Production Order Line, so you can **Register Pick** (by clicking ***Process, Register Pick***).

NOTE

You are not able to enter a higher **Qty. to Handle** on the Warehouse Pick as you have specified in the Item Tracking Lines of the Production Order Line. This will however only be visible when you want to Register the Warehouse Pick – not while entering the **Qty. to Handle** on the Warehouse Pick Line!



The **Qty. to Handle** of the Warehouse Pick Line will **NOT** post the Consumption of the Materials in the Production Order at the same time while registering the Warehouse Pick.

You need to post the Consumption of the Materials via the Production Order itself by clicking ***Actions, Functions, Material Consumptions, Post Material Consumption***.

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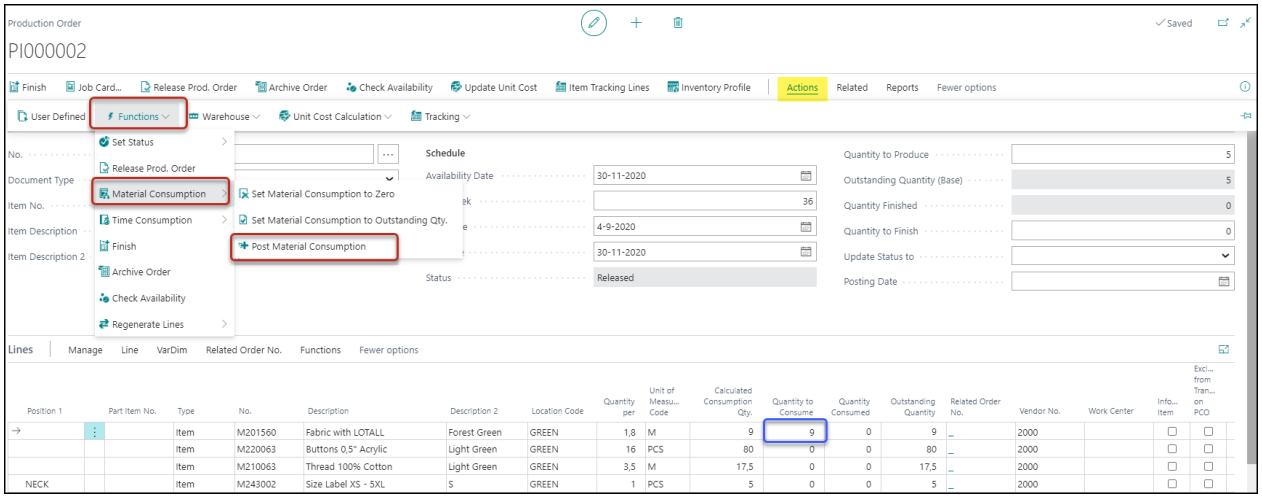
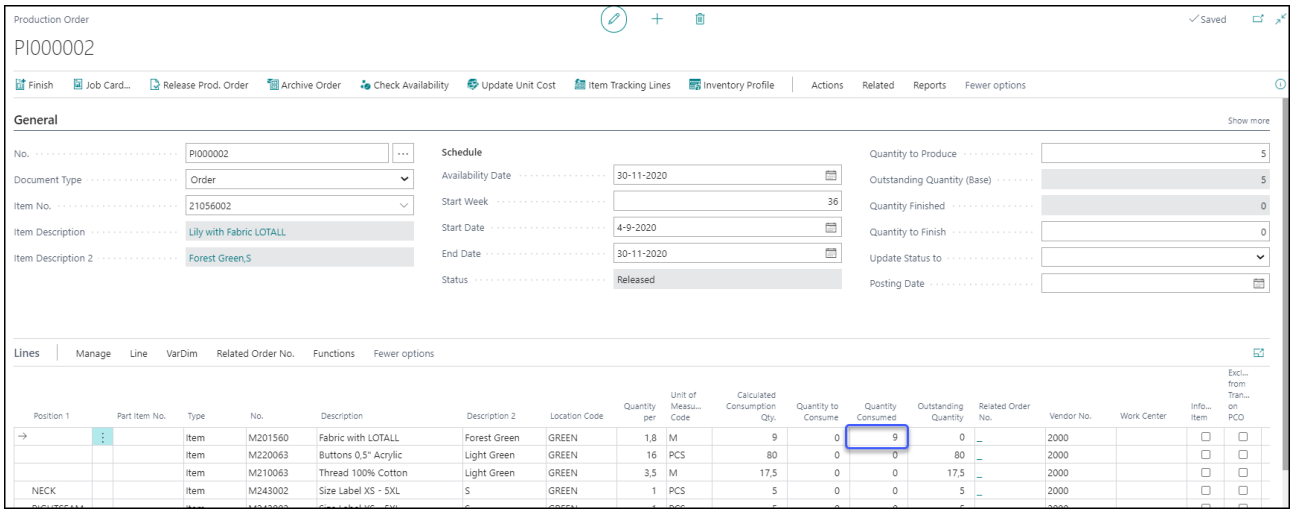
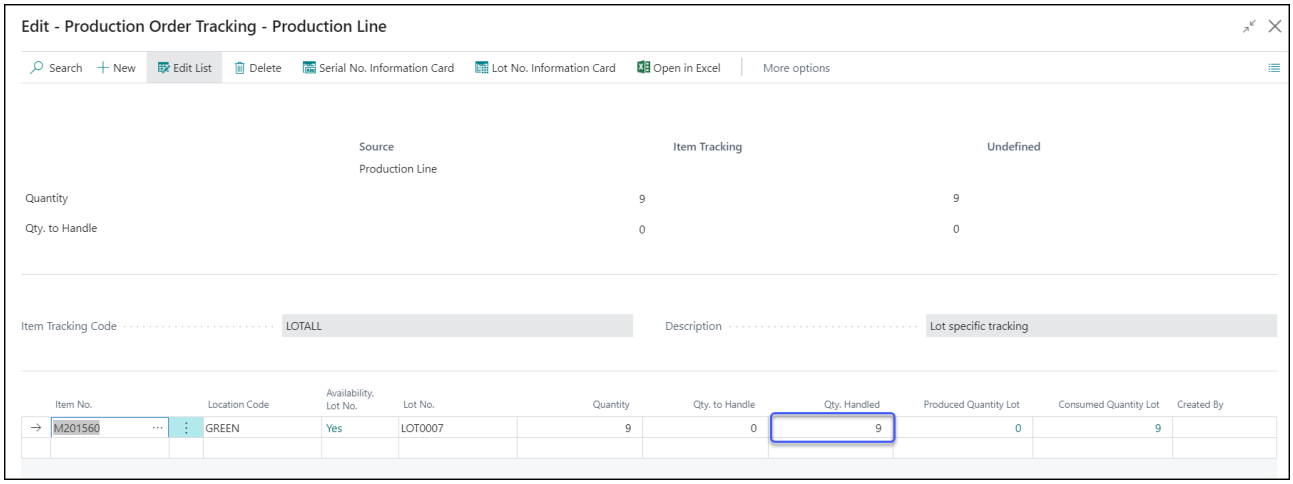


After Posting, the lines will look as follows:



In the **Item Tracking Line** (by clicking ***Line, Item Tracking Lines***), you can see that the **Qty. Handled** is updated with the same **Quantity Consumed** from the Line.



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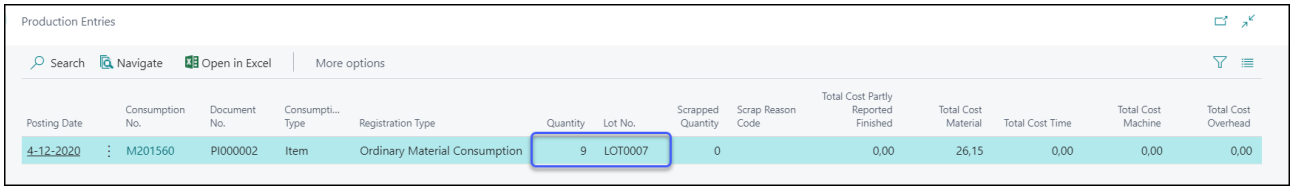
In the **Production Entries** (by clicking ***Related, Production Entries***), you see the posting of the consumption.


Production Entries

Search | Navigate | Open in Excel | More options

Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Quantity	Lot No.	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine	Total Cost Overhead
4-12-2020	M201560	PI000002	Item	Ordinary Material Consumption	9	LOT0007	0		0,00	26,15	0,00	0,00	0,00

NOTE

Based on the parameter **Posting Doc. No. Matr. Entries Per** in the Production Setup**,** which is set to *Production Order*, the **Document No.** of the Production Entry is the Production Order *PI000002*)

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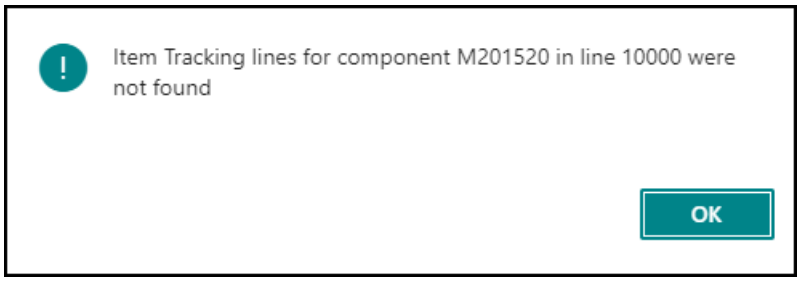
VIA PRODUCTION JOURNAL

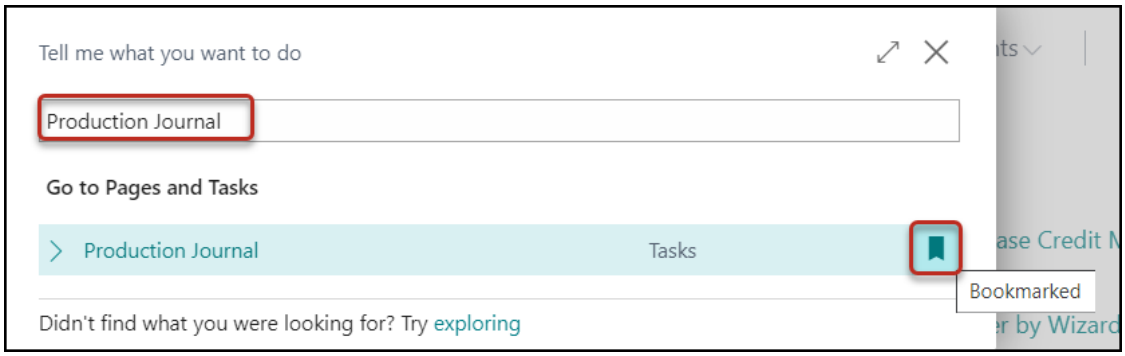
If an Item on a Production Order Line has an **Item Tracking Code** filled, you need to specify the **Item Tracking Lines** before posting the Consumptions. That is also applicable if you post the Consumptions via the Production Journal.
Otherwise, you will get an error message. I.e.:

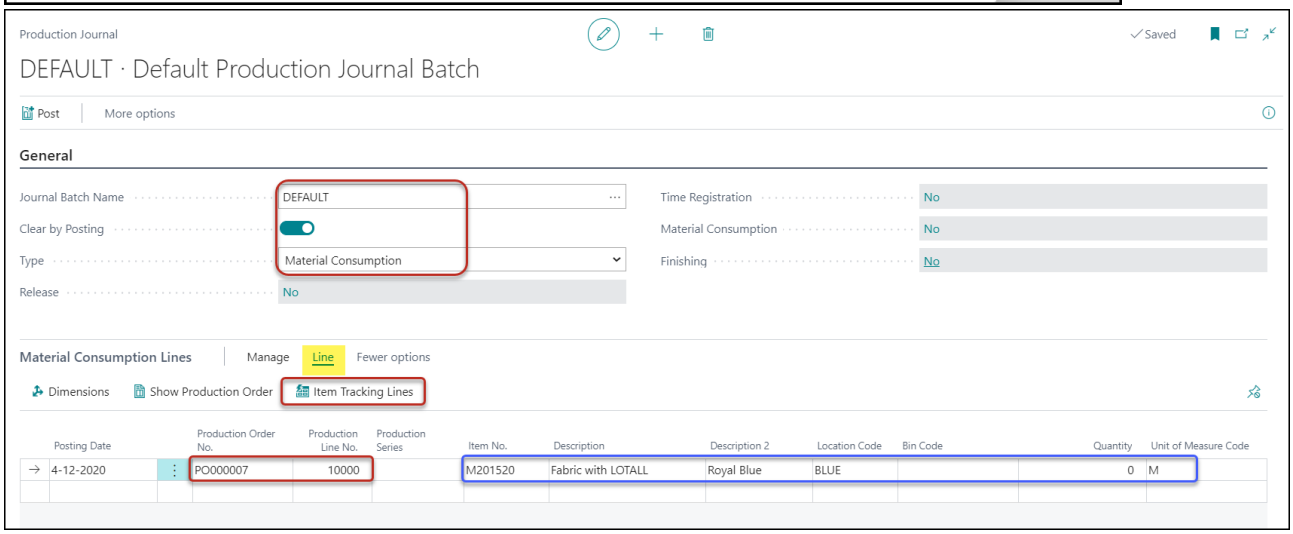


M201520 is the Item on the Production Order Line with **Item Tracking Code** is filled.

NOTE
You cannot use the **Production Journal** for posting Material Consumptions if you have a **Location Code** for which you need to create an **Inventory Pick** or a **Warehouse Pick**; that is only possible via the Production Order itself.

You can find the **Production Journal** via **Tell me** (or put it via *Bookmark* in your Role Center).





Make sure you select **Type** *Material Consumption.*
After you have entered the **Production Order No.** and the **Production Line No.** the information of the Production Order Line is shown.

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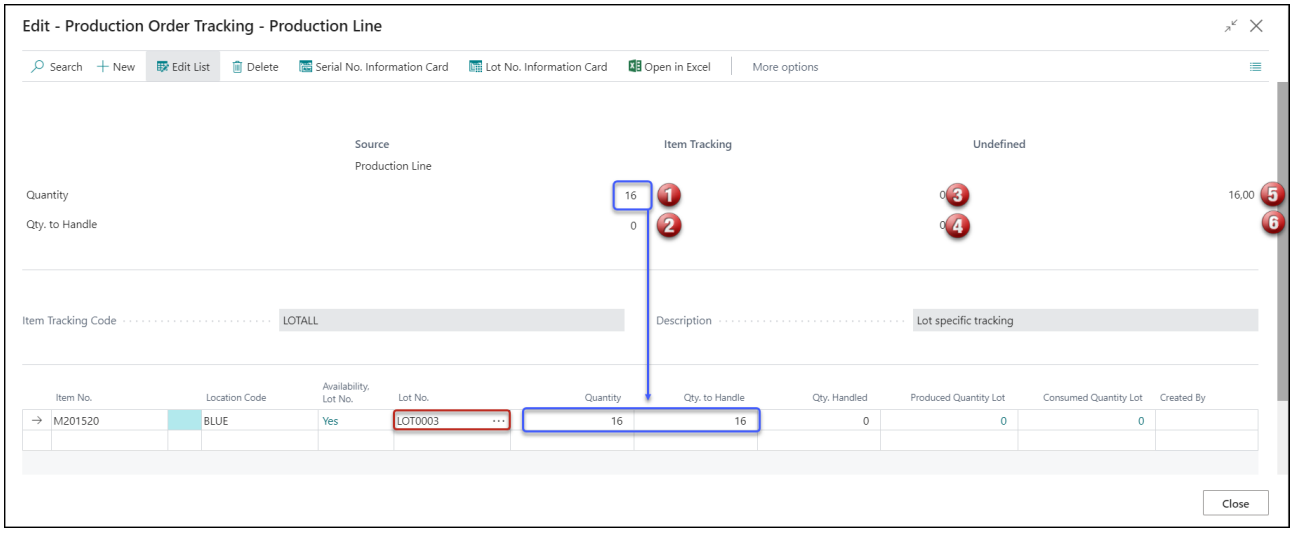
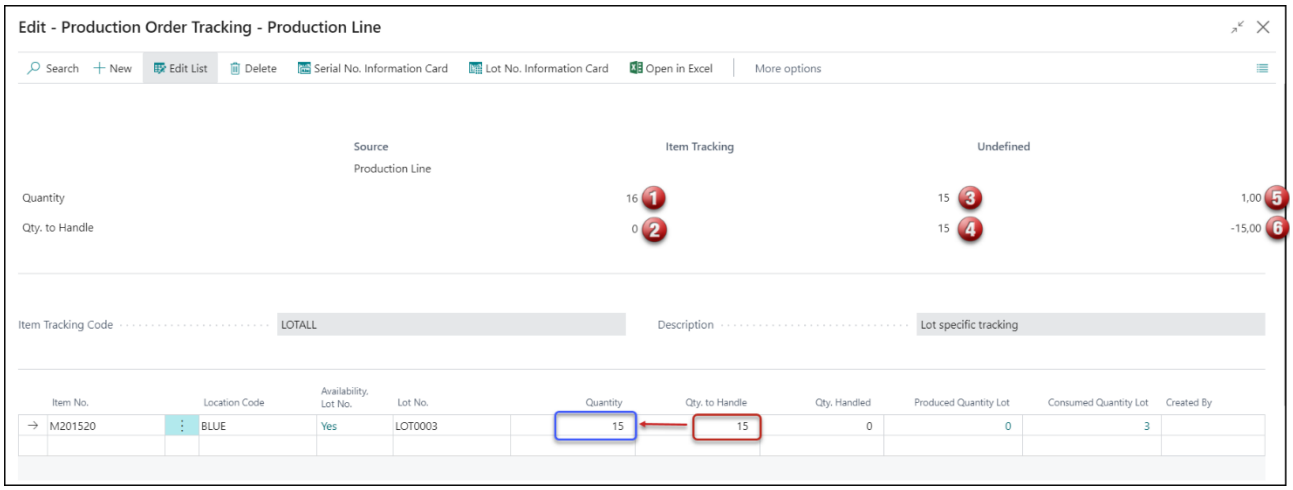
You can enter the **Quantity** of the material that you have taken from the warehouse to compare with the **Qty. to Handle** that needs to be specified in the **Item Tracking Lines.**
By clicking ***Line***, ***Item Tracking Lines*** you are able to specify the Lot Nos. that you use for the Consumption, the same way as in Specify the Item Tracking Lines in a Production Order itself.

We select **Lot No.** *LOT0003* and the **Quantity** and **Qty. to Handle** will be filled automatically based on the **Outstanding Quantity** of the Production Order Line and the **Total Available Quantity** of the **Lot No.** *LOT0003*:



Now we only take *15 Meters*:



1 = **Outstanding Qty.** or the **Quantity to Consume** from the Production Order Line.
The highest value of those two fields will be taken.
2 = **Quantity to Consume** from the Production Order Line
3 = Total **Quantity** of the specified Lot Nos.
4 = Total **Qty. to Handle** of the specified Lot Nos.
5 = 1 – 3
6 = 2 – 4

Click **Close**.

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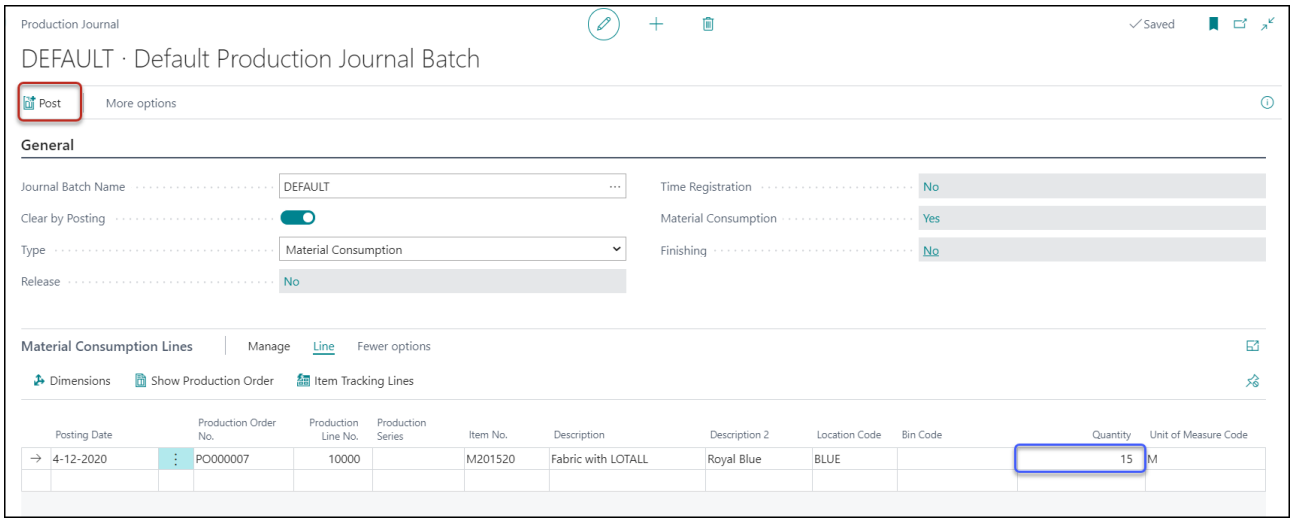
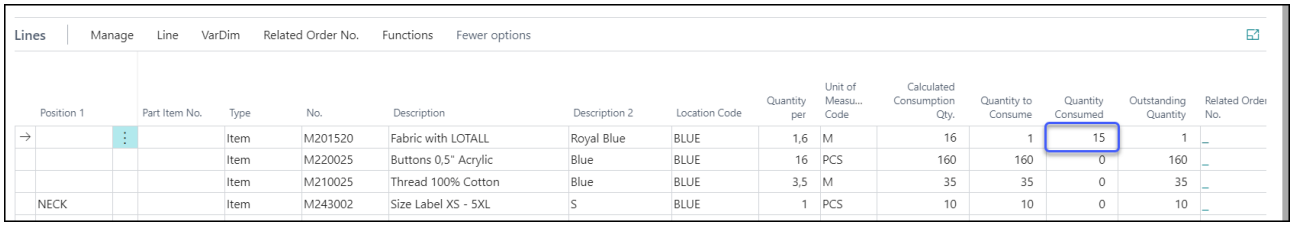
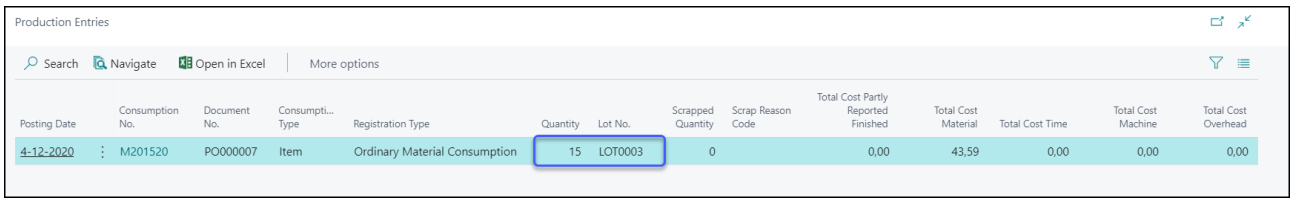
The **Quantity** on the Production Journal Line will be updated based on the total **Qty. to Handle** of the specified **Item Tracking Lines**, but **not** the **Quantity to Consume** on the Production Order Line – as it did when creating **Item Tracking Lines** via the Production Order Line itself.



After Posting the Production Journal (by clicking ***Post***), the result in the Production Order looks like:



In the **Production Entries** (by clicking ***Related, Production Entries***), you see:



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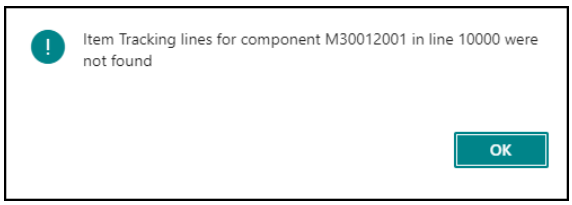
CONSUMPTION MATERIALS WITH SERIAL NOS.

VIA PRODUCTION ORDER

If an Item on a Production Order Line has an **Item Tracking Code** filled for Serial Nos., you need to specify the **Item Tracking Lines** for that Production Order Line before posting the Consumption.
Otherwise, you will get an error message. I.e.:



M30012001 is the Item on the Production Order Line with **Item Tracking Code** is filled.

You can work in two different ways:

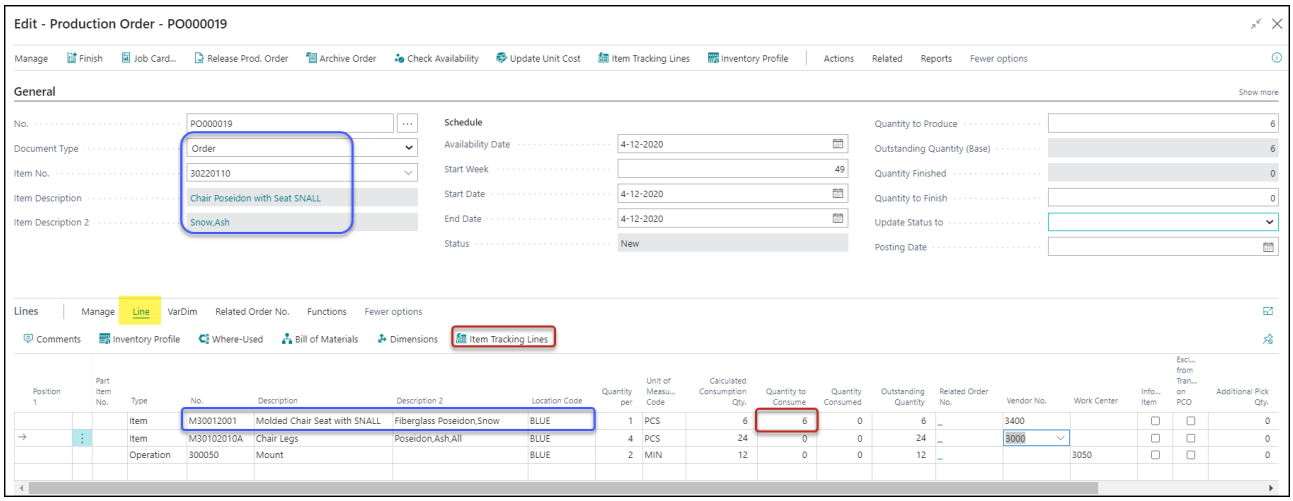
1. Enter the **Quantity to Consume** on the Production Order Line, so you can verify during choosing the Item Tracking Lines, how much you need to specify
2. Leave the **Quantity to Consume** blank on the Production Order Line, so the chosen Item Tracking Line itself, will determine how much you will consume.

In both cases; based on the specified Item Tracking Lines, the **Quantity to Consume** of the Production Order Line will be updated afterwards.

> **NOTE**
> When using **Production Collecting Orders** for Items for which the Materials might have Item Tracking, you need to create the Item Tracking Lines for the Item Lines on every individual Production Order that is mentioned in the Production Collecting Order Lines as **Related Order**.

SPECIFY THE ITEM TRACKING LINES

You can specify the **Item Tracking Lines** by clicking ***Line***, ***Item Tracking Lines***.



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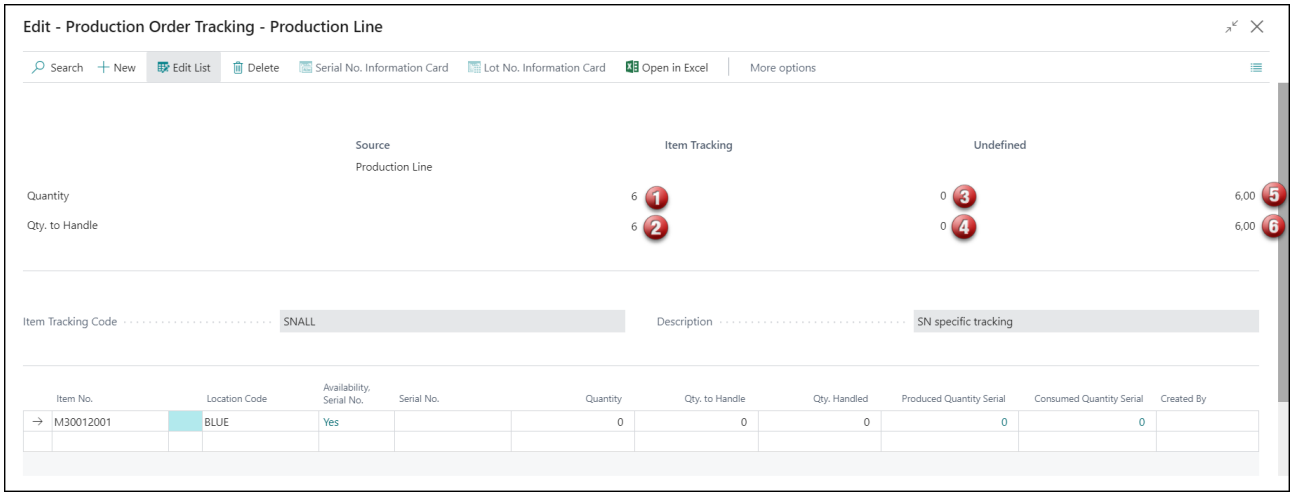
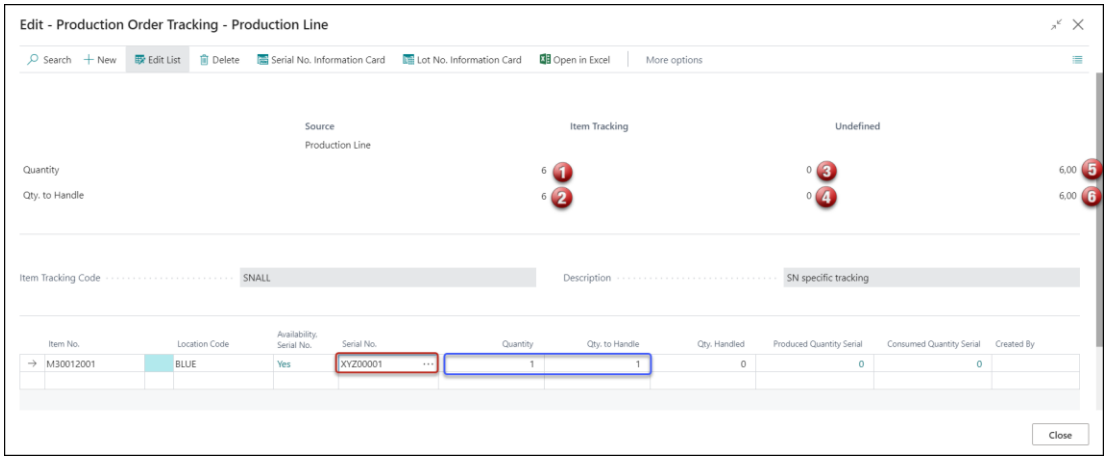


1 = **Outstanding Qty.** or the **Quantity to Consume** from the Production Order Line.
The highest value of those two fields will be taken.

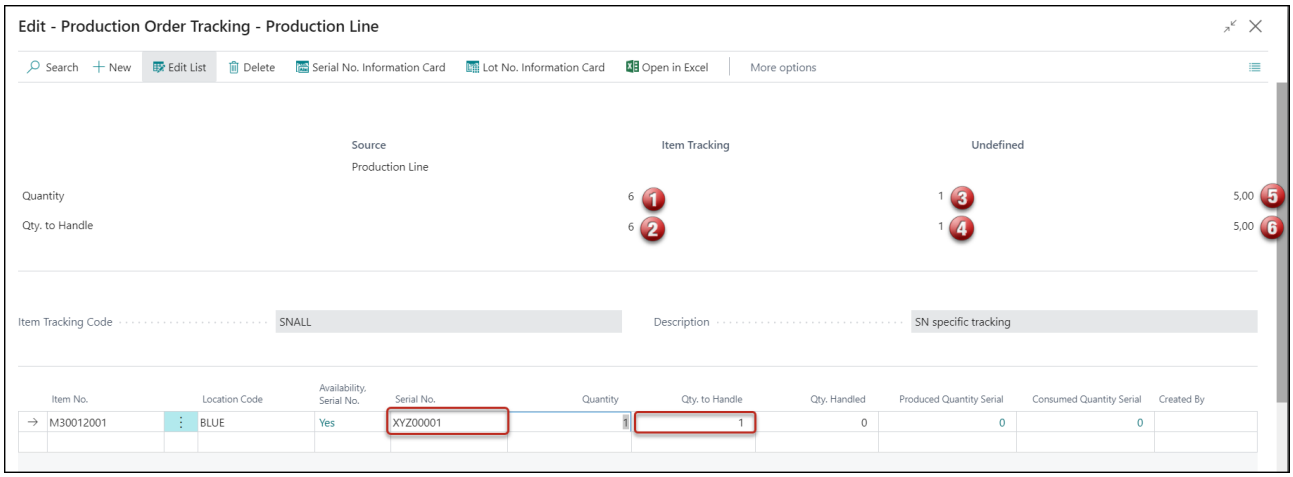
2 = **Quantity to Consume** from the Production Order Line

Click **Look up value** in the field **Serial No.** on the line, to see the list of Serial Nos. that still have **Total Available Quantity,** so you can choose the **Serial No.** you need to take the consumption from.

If you know the Nos. you want, you can also enter them manually – but then you need to enter the **Quantity** and **Qty. to Handle** also manually. We will choose *XYZ00001*:

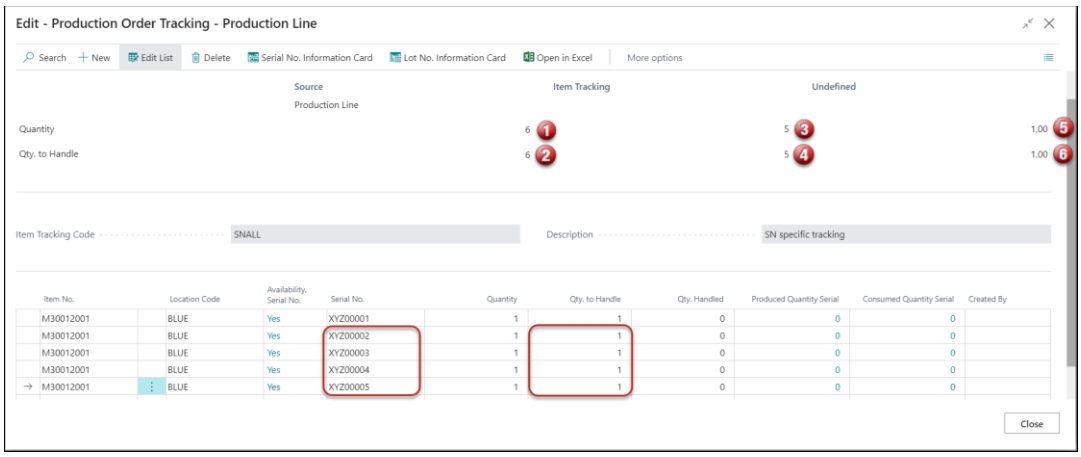


When choosing a Serial No. via **Look up value**, the **Quantity** and **Qty. to Handle** will be filled automatically based on the quantities of *Undefined (5 and 6)* and the **Total Available Quantity** of the Serial No.
You will have to go to the next Line before the quantities of 3 – 6 will be updated.

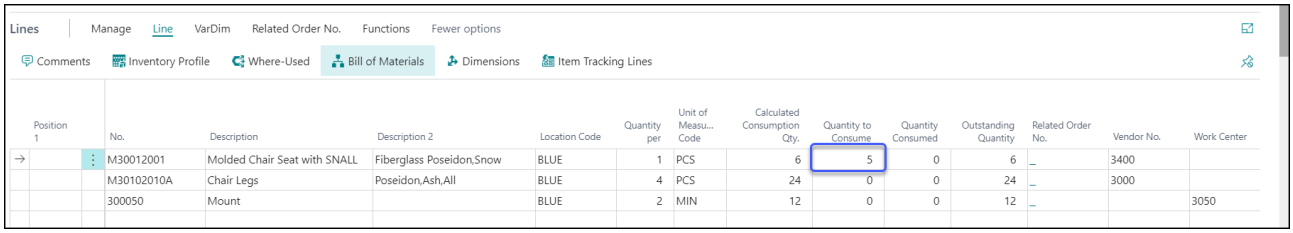


Quantity is based on the **Total Available Quantity** of the Serial No. and the quantity you need based on the **Quantity to Consume** of the Production Order Line and the quantities you already have specified from other Serial Nos.
Qty. to Handle is the quantity you want to take from this Serial No.
3 = Total **Quantity** of the specified Serial Nos.
4 = Total **Qty. to Handle** of the specified Serial Nos.
5 = 1 – 3
6 = 2 – 4

On the next lines, we will now choose *XYZ00002 – XYZ00005* the same way as described above:



Click **Close**.



In the Production Order Line, the **Quantity to Consume** has been recalculated based on the total **Qty. to Handle** from the created Item Tracking Lines.

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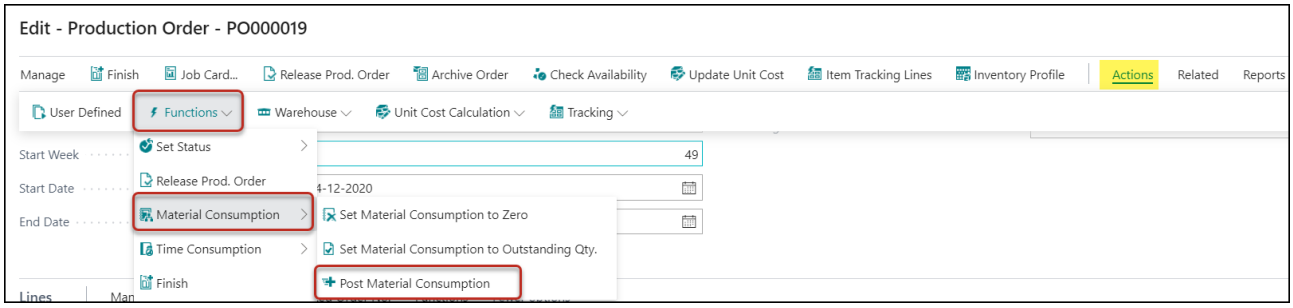
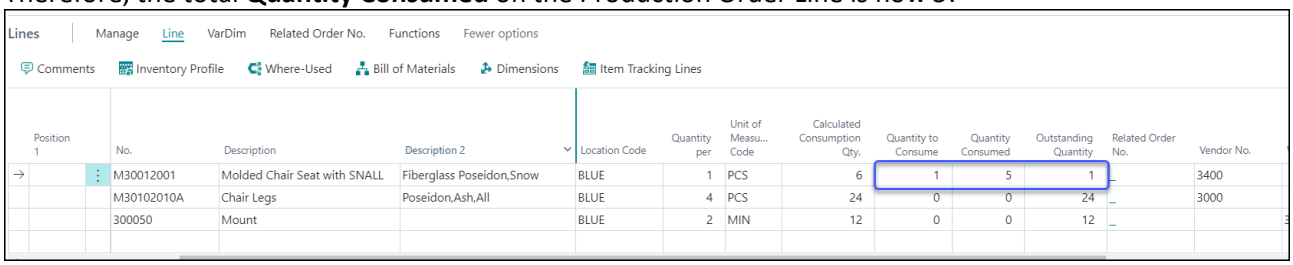
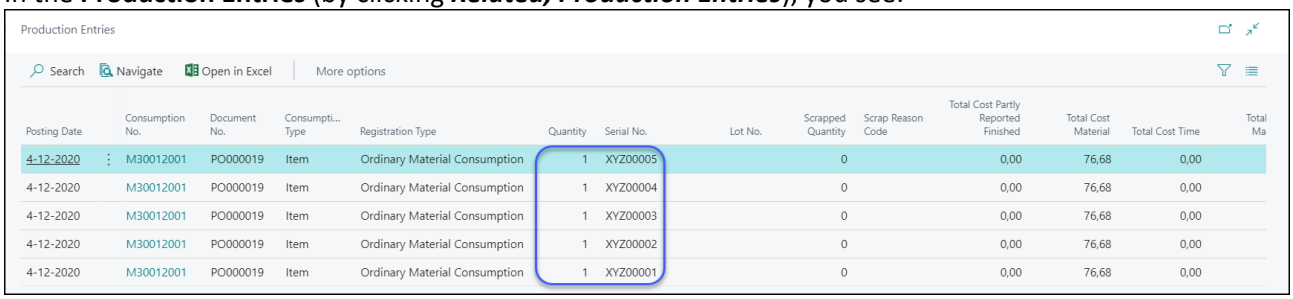
We can now post the Consumption for this Production Order Line by clicking ***Actions, Functions***, ***Material Consumption***, ***Post Material Consumption.***



Therefore, the total **Quantity Consumed** on the Production Order Line is now *5*:

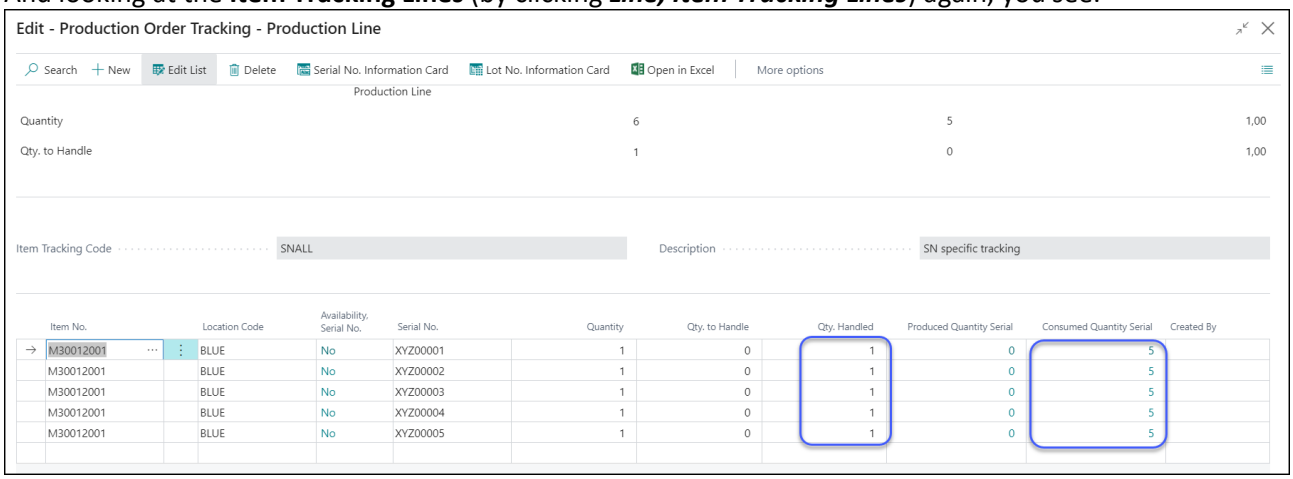


In the **Production Entries** (by clicking ***Related, Production Entries***), you see:



Press **Esc.**

And looking at the **Item Tracking Lines** (by clicking ***Line, Item Tracking Lines***) again, you see:



The **Qty. Handled** shows the quantity of this specific Serial No. that has been consumed, and the **Consumed Quantity Serial** shows the total quantity that has been consumed on the current Production Order/Production Order Line.

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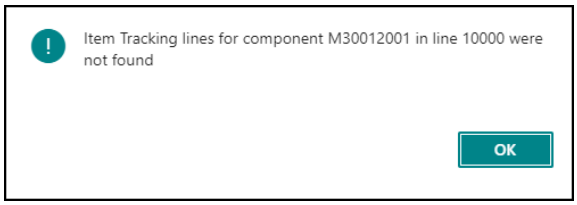
VIA PRODUCTION JOURNAL

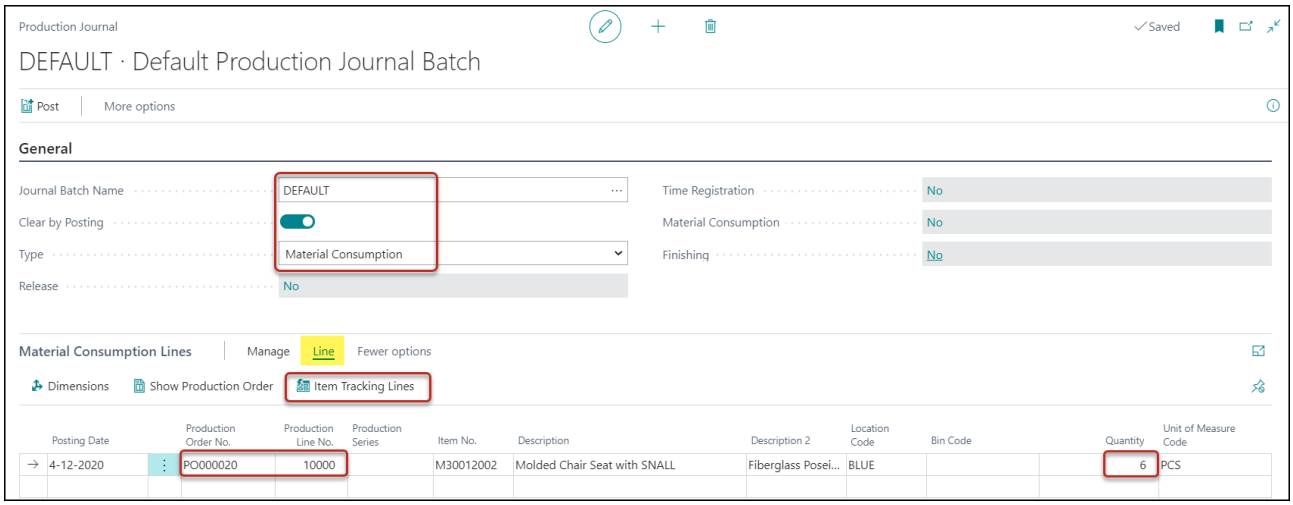
If an Item in a Production Order Line has an **Item Tracking Code** filled for Serial Nos., you need to specify the **Item Tracking Lines** for that Production Order Line, before posting the Consumptions. That is also applicable if you post the Consumptions via the Production Journal.
Otherwise, you will get an error message. I.e.:



M30012001 is the Item on the Production Order Line with **Item Tracking Code** is filled.

NOTE
You cannot use the **Production Journal** for posting Material Consumptions if you have a **Location Code** for which you need to create an Inventory Pick or a Warehouse Pick; that is only possible via the Production Order itself.

You can find the **Production Journal** via **Tell me**.



After you have entered the **Production Order No.** and the **Production Line No.** the information of the Production Order Line is shown.
You can enter the **Quantity** of the material that you have taken from the warehouse to compare with the **Qty. to Handle** that needs to be specified in the **Item Tracking Lines.**

By clicking ***Line***, ***Item Tracking Lines*** you are able to specify the Serial Nos. that you use for the Consumption, the same way as in Specify the Item Tracking Lines in a Production Order itself.

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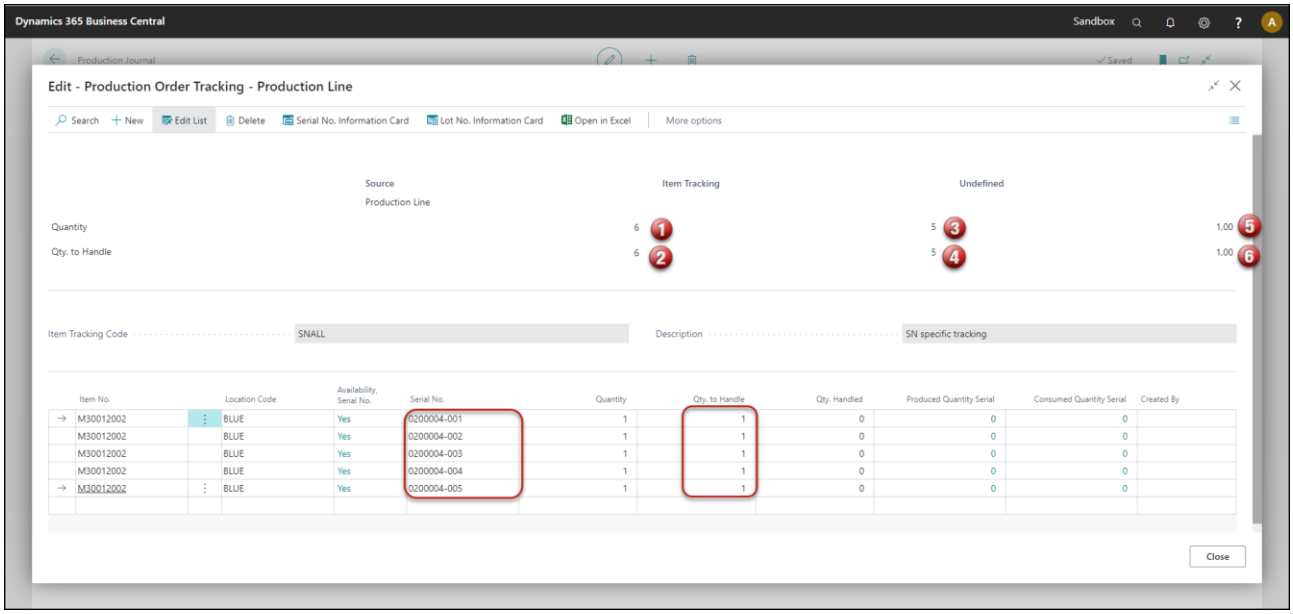
We select **Serial Nos.** *0200004-0001 to 0200004-0005*:



1 = **Outstanding Qty.** or the **Quantity to Consume** from the Production Order Line.
The highest value of those two fields will be taken.

2 = **Quantity to Consume** from the Production Order Line

3 = Total **Quantity** of the specified Serial Nos.

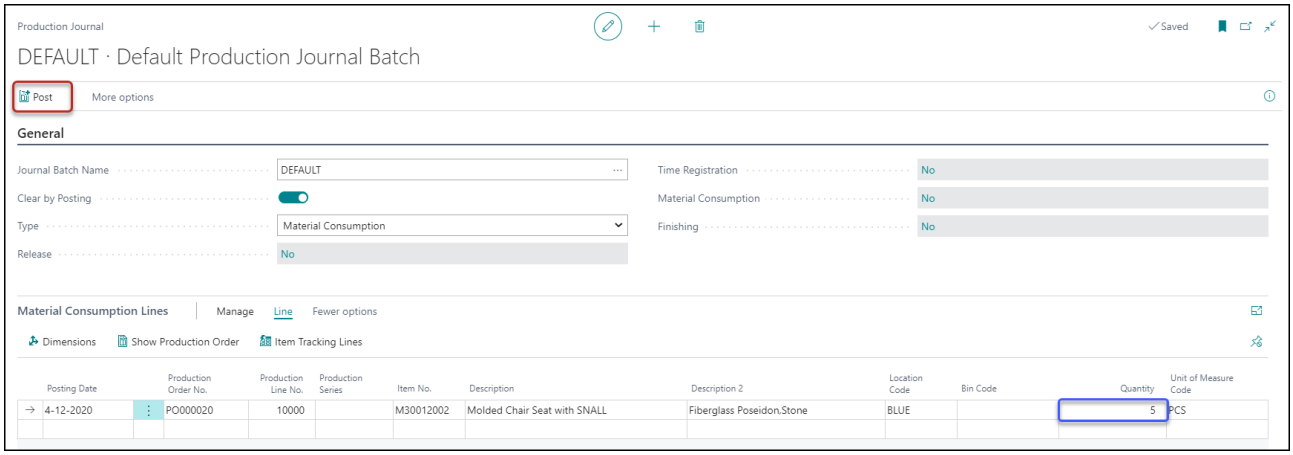
4 = Total **Qty. to Handle** of the specified Serial Nos.

5 = 1 – 3

6 = 2 – 4

Click **Close**.

The **Quantity** on the Production Journal Line will be updated based on the total **Qty. to Handle** of the specified **Item Tracking Lines**, but **not** the **Quantity to Consume** on the Production Order Line – as it did when creating **Item Tracking Lines** via the Production Order Line itself.



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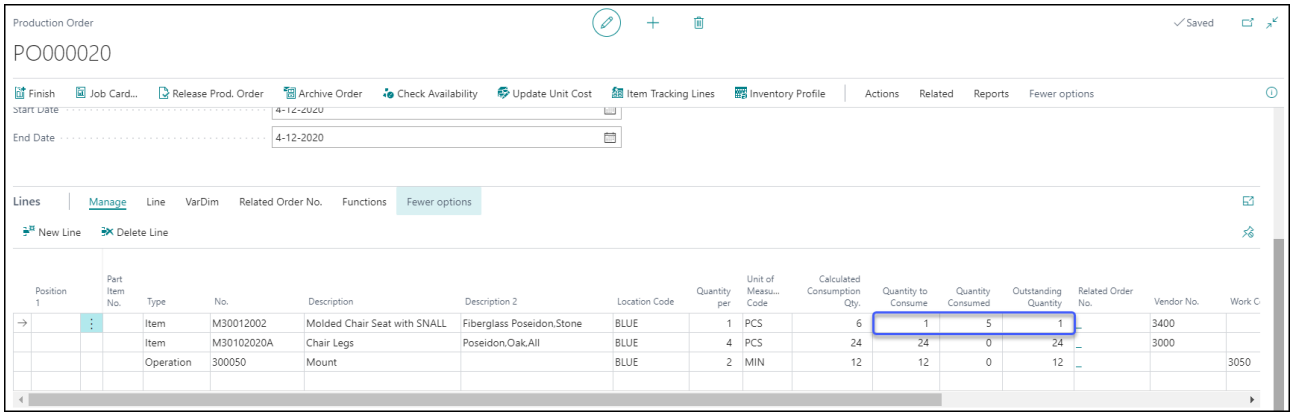
After Posting the Production Journal (by clicking ***Post***), the result in the Production Order looks like:



Position 1	Part Item No.	Type	No.	Description	Description 2	Location Code	Quantity per	Unit of Measu... Code	Calculated Consumption Qty.	Quantity to Consume	Quantity Consumed	Outstanding Quantity	Related Order No.	Vendor No.	Work C
		Item	M30012002	Molded Chair Seat with SNALL	Fiberglass Poseidon,Stone	BLUE	1	PCS	6	1	5	1		3400	
		Item	M30102020A	Chair Legs	Poseidon,Oak,All	BLUE	4	PCS	24	24	0	24		3000	
		Operation	300050	Mount		BLUE	2	MIN	12	12	0	12			3050

In the **Production Entries** (by clicking ***Related, Production Entries***), you see:

Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Quantity	Serial No.	Lot No.	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine	Total Cost Overhead	Production Series
4-12-2020	M30012002	PO000020	Item	Ordinary Material Consumption	1	0200004-005		0		0,00	76,68	0,00	0,00	0,00	
4-12-2020	M30012002	PO000020	Item	Ordinary Material Consumption	1	0200004-004		0		0,00	76,68	0,00	0,00	0,00	
4-12-2020	M30012002	PO000020	Item	Ordinary Material Consumption	1	0200004-003		0		0,00	76,68	0,00	0,00	0,00	
4-12-2020	M30012002	PO000020	Item	Ordinary Material Consumption	1	0200004-002		0		0,00	76,68	0,00	0,00	0,00	
4-12-2020	M30012002	PO000020	Item	Ordinary Material Consumption	1	0200004-001		0		0,00	76,68	0,00	0,00	0,00	

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FINISHING WITH LOT NOS.

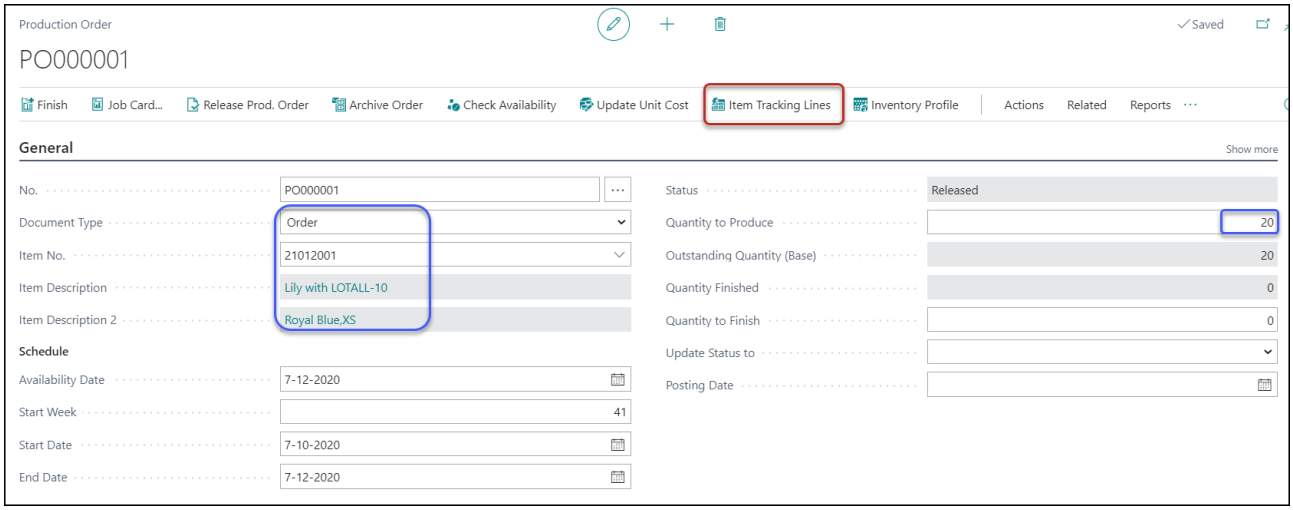
VIA PRODUCTION ORDER

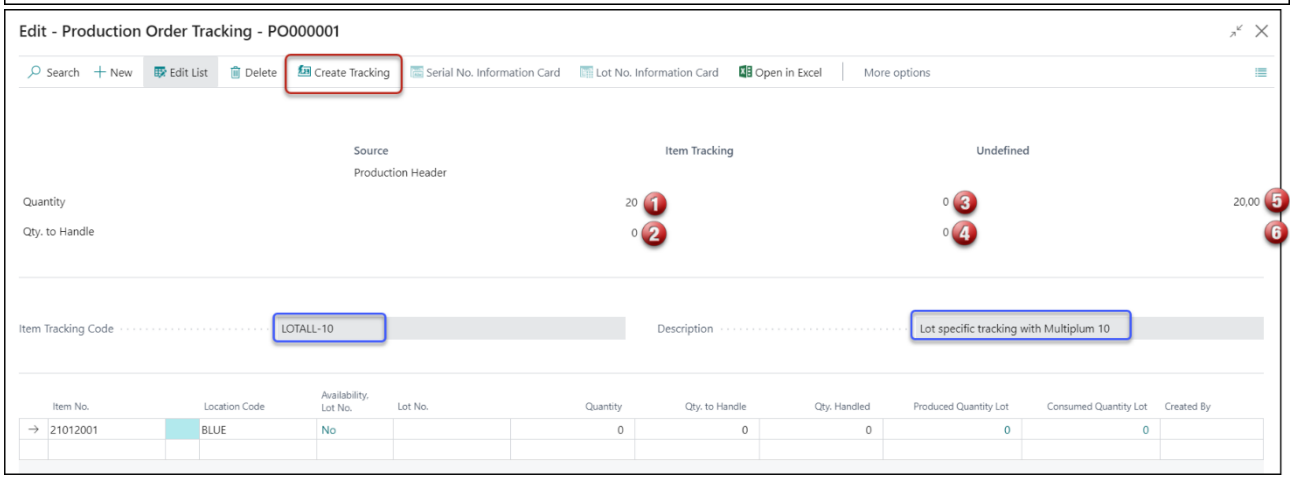
Besides for Material Consumptions of a Production Order, you are also able to create **Item Tracking Lines** for the Finishing (Output) of Production Orders.

NOTE
When using **Production Collecting Orders** for Items with Item Tracking, you need to create the Item Tracking Lines on every individual Production Order that is mentioned in the Production Collecting Order Lines as **Related Order**.

WITHOUT AUTOMATIC CREATE TRACKING – WITH MULTIPLUM

Before posting the Finishing, you need to create the **Item Tracking Lines** by clicking ***Item Tracking Lines***.





1 = **Outstanding Quantity (Base)** or the **Quantity to Finish** from the Production Order.
The highest value of those two fields will be taken.
2 = **Quantity to Finish** from the Production Order (if you have entered that before)

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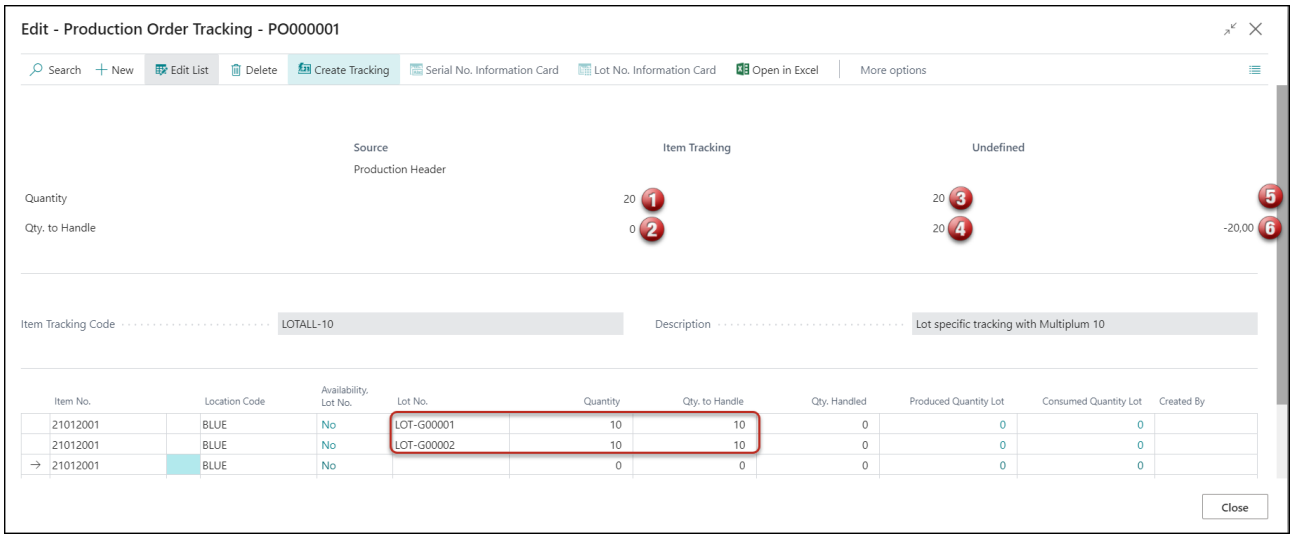
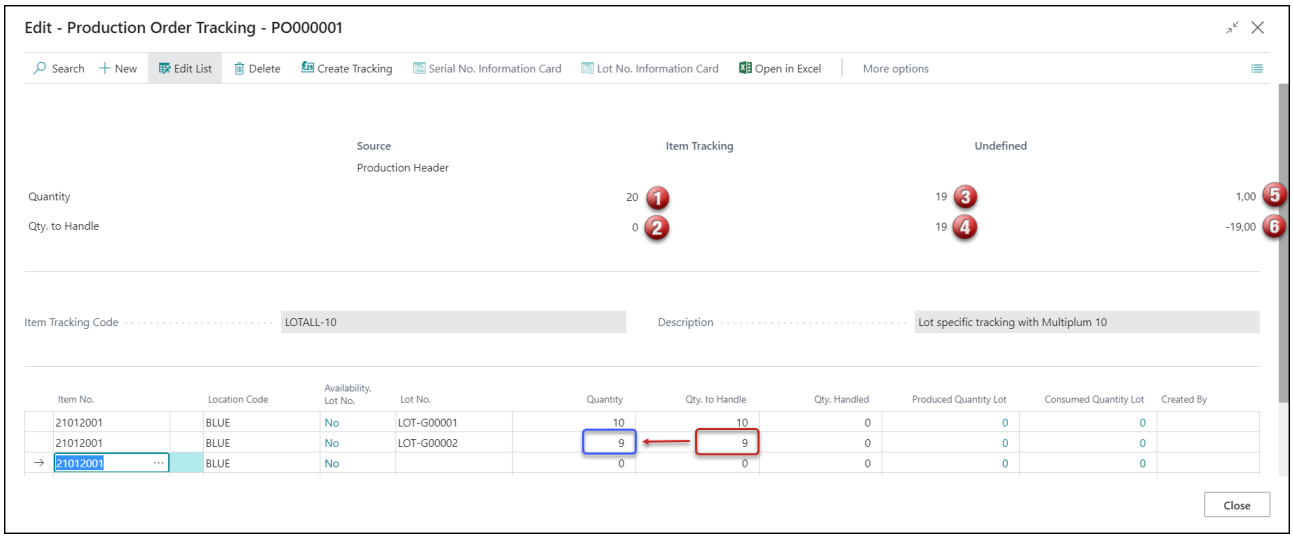
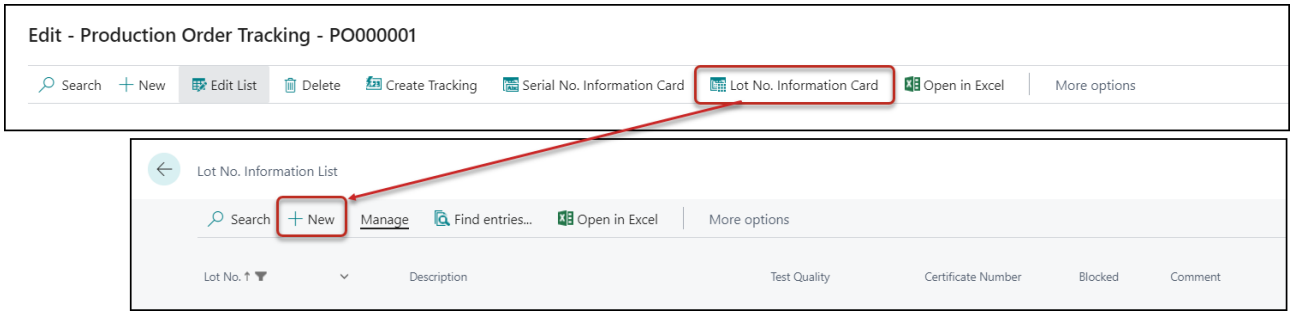
The Item *21012002* of the Production Order has **Item Tracking Code** *LOTALL-10* with a Multiplum of *10*. Based on the **Quantity to Produce** (*20*), when you click ***Create Tracking*** to create the **Item Tracking Lines**, the system will automatically create 2 Lot Nos. of *10* pieces.



If you have produced less as the **Outstanding Quantity** from the Production Order, you need to change the **Quantity to Handle**:



For a **Lot No.** you can create also a **Lot No. Information Card** by clicking ***Lot No. Information Card*** and then click ***+ New***.



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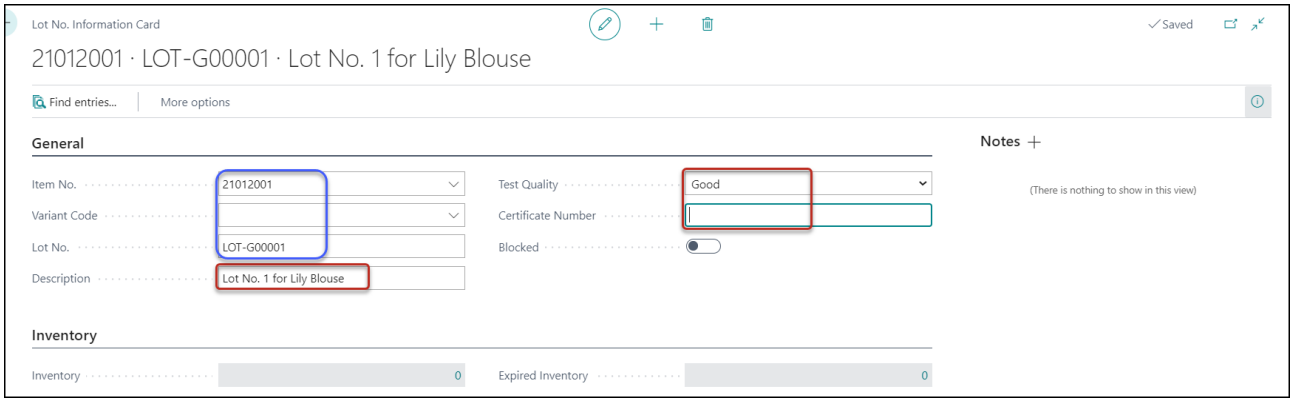
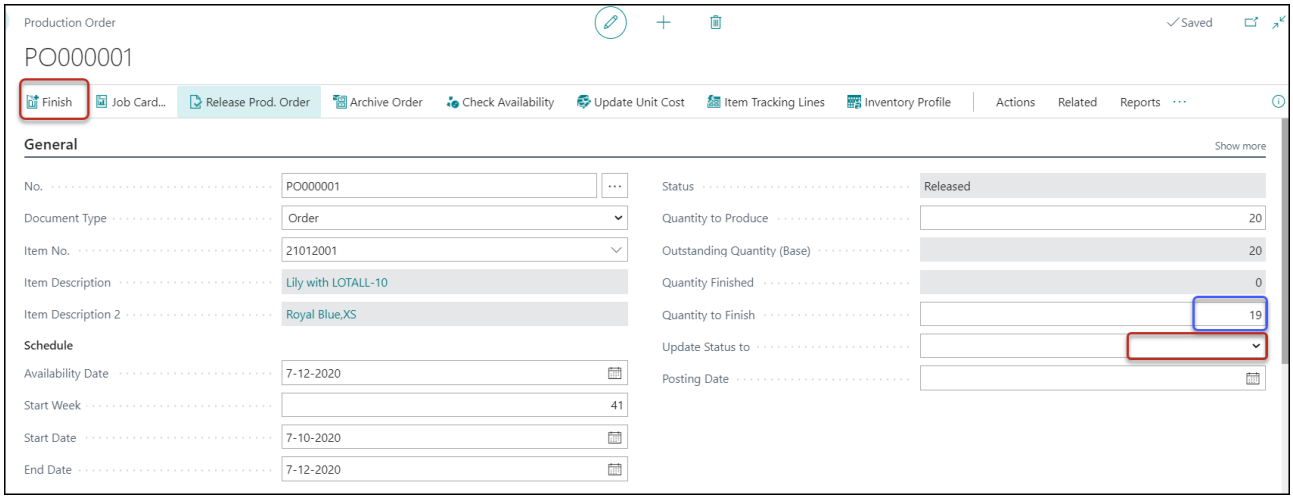
The system will automatically fill the information of the Information Card, based on the **Item No.** and **Lot No.** of the Item Tracking Line. I.e.:



Now you can i.e. add the **Description, Test Quality** or **Comments** (via ***Navigate, Lot No., Comments***). This is a standard Business Central page / table.

Click **Esc, Esc,** click **Close** back to the Production Order.

Now on the Production Order, **Quantity to Finish** is filled with the total of the **Qty. to Handle** from the Item Tracking Lines.



If the *19* to Finish means that the Production Order is completely Finished, you need to enter the **Update Status to** *Finished*.

Click ***Finish*** to post the **Quantity to Finish.**

The **Status** of the Production Order will automatically be updated with the **Update Status to** (if that was filled) or will be determined automatically:

- if **Quantity to Finish + Quantity (already) Finished** < **Quantity to Produce** the **Status** will be set to *Partly Finished.*
- If **Quantity to Finish + Quantity (already) Finished => Quantity to Produce** the **Status** will be set to *Finished.*

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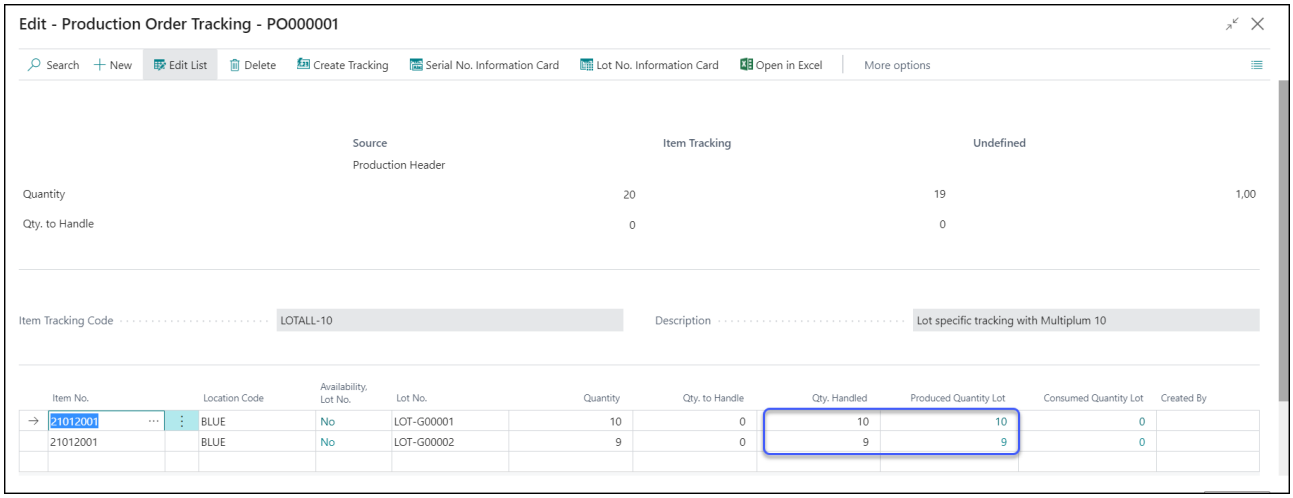
If the **Qty. to Handle** of the Item Tracking Lines and the **Quantity to Finish** are not the same, you can't post the finishing of the Production Order.

In the **Item Tracking Lines** (by clicking ***Item Tracking Lines***), you can see that the **Qty. Handled** is updated now.



Qty. Handled on the Lines is the quantity that has been posted as finished on this Production Order *PO000001* for the **Lot No.** of the Item Tracking Line.
Produced Quantity Lot on the Lines is the total quantity that has been posted as finished on all Production Orders for the **Lot No.** of the Item Tracking Line.

Click **Close**.

In the **Production Entries** (by clicking ***Related, Production Entries*** in the Production Order), you see

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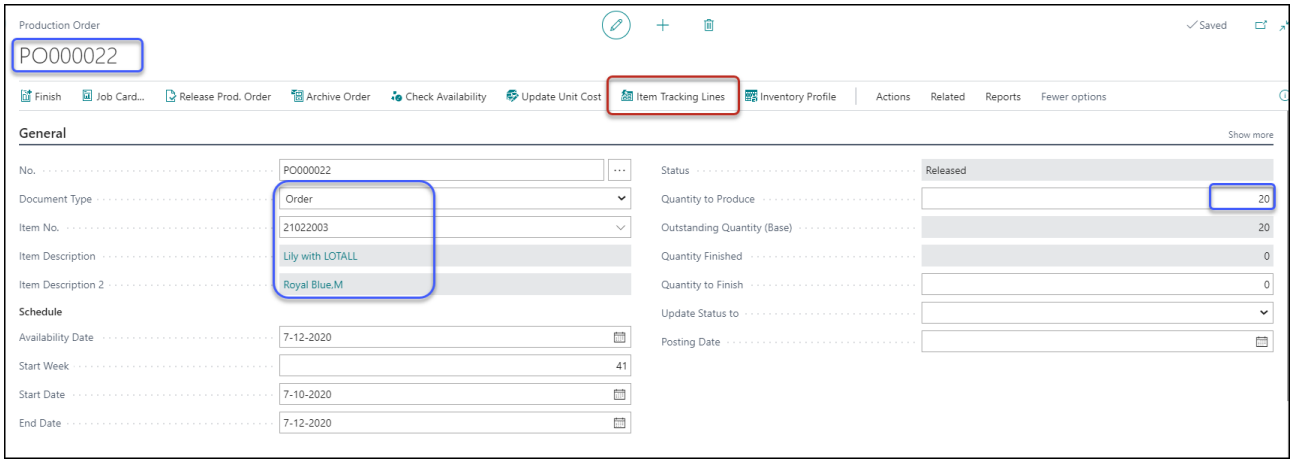
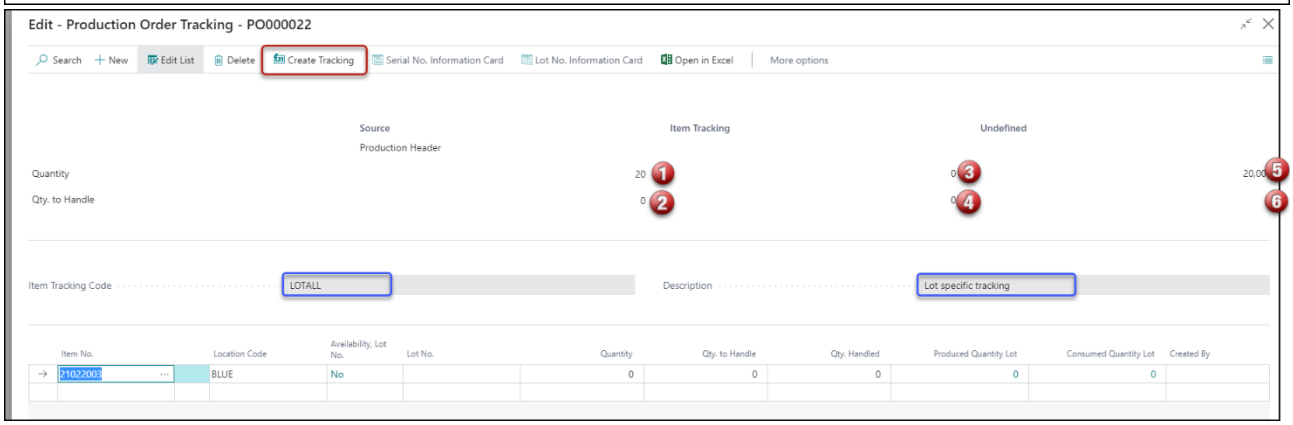
WITHOUT AUTOMATIC CREATE TRACKING – WITHOUT MULTIPLUM

Before posting the Finishing, you need to create the **Item Tracking Lines** by clicking ***Item Tracking Lines***.

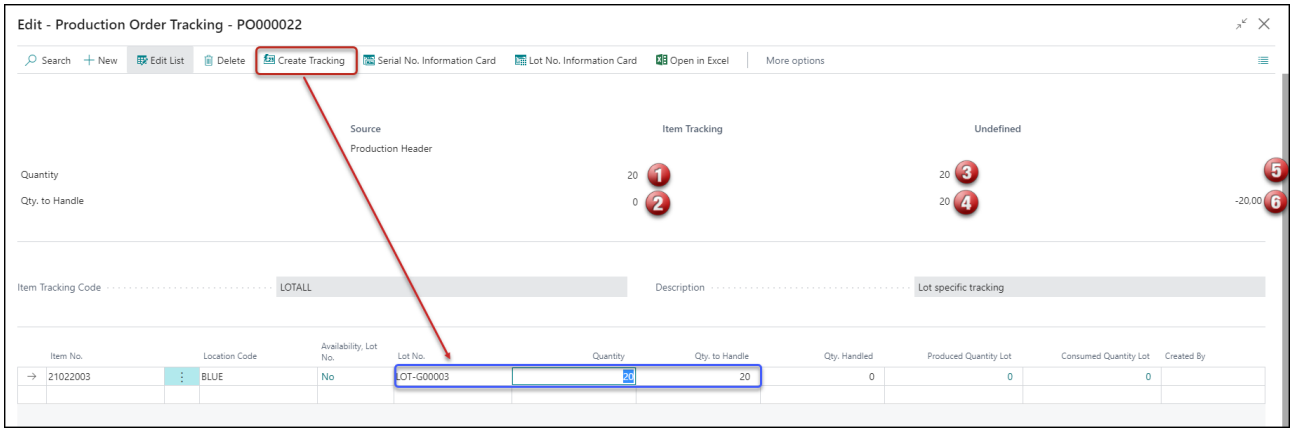




1 = **Outstanding Quantity (Base)** or the **Quantity to Finish** from the Production Order.
The highest value of those two fields will be taken.

2 = **Quantity to Finish** from the Production Order (if you have entered that before)

The Item *21022003* of the Production Order has **Item Tracking Code** *LOTALL* without a Multiplum.
Based on the **Quantity to Produce** (*20*), when you click ***Create Tracking*** to create the **Item Tracking Lines**, the system will automatically create 1 Lot Nos. of *20* pieces.



If you want to create more Lot Nos., you need to change the **Quantity** and **Qty. to Handle** on the first created **Lot No.** and click ***Create Tracking*** again. Etc.

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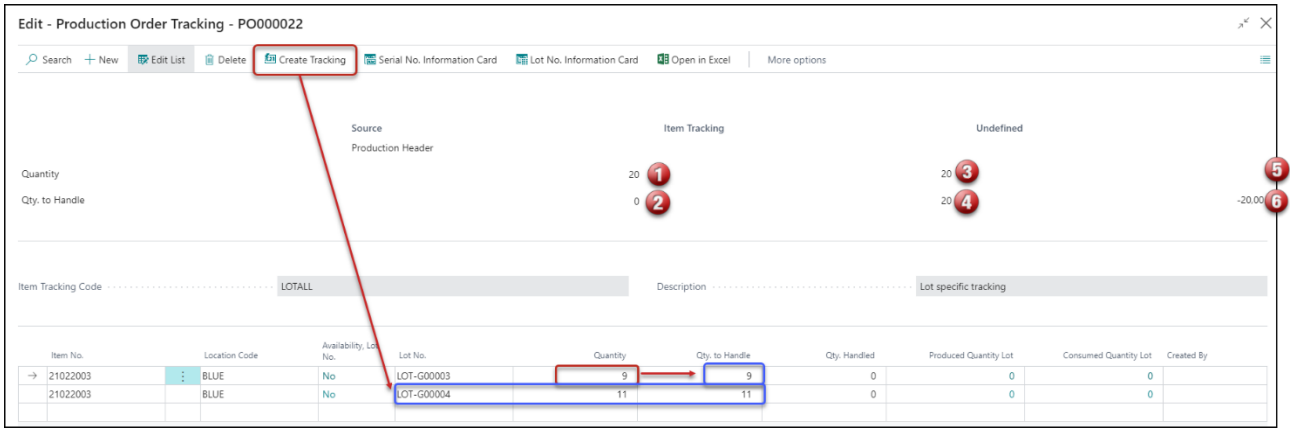
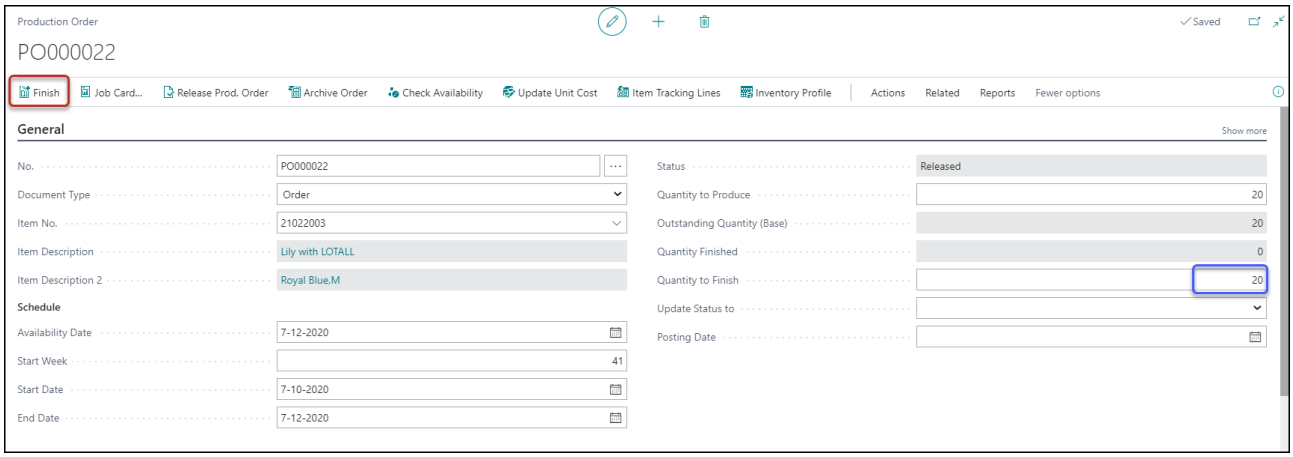


Click **Close.**

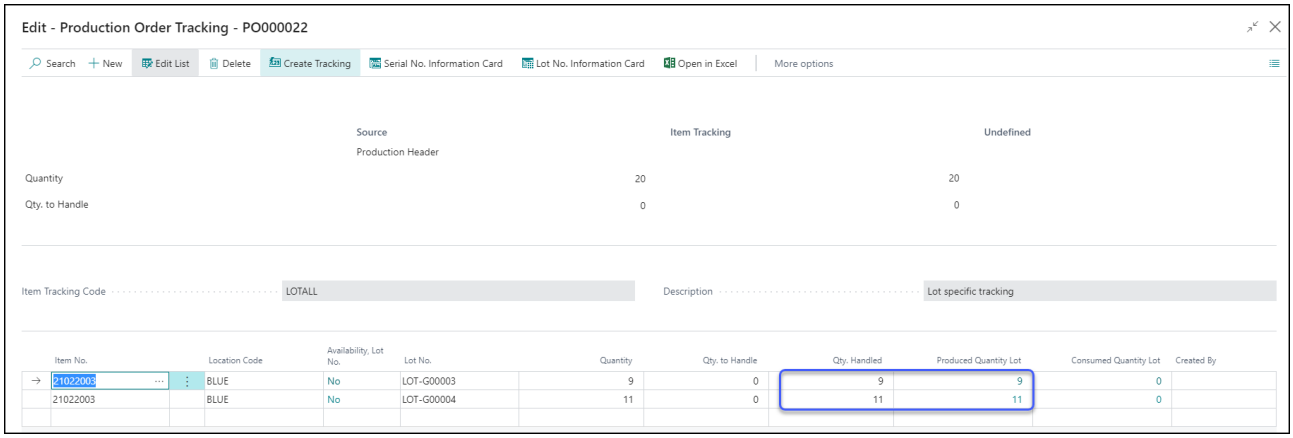
Now on the Production Order, **Quantity to Finish** is filled with the total of the **Qty. to Handle** from the Item Tracking Lines.



And you can finish the Production Order by clicking ***Finish***.

If the **Qty. to Handle** of the Item Tracking Lines and the **Quantity to Finish** are not the same, you can't post the finishing of the Production Order.

In the **Item Tracking Lines** (by clicking ***Item Tracking Lines***), you can see that the **Qty. Handled** is updated now.



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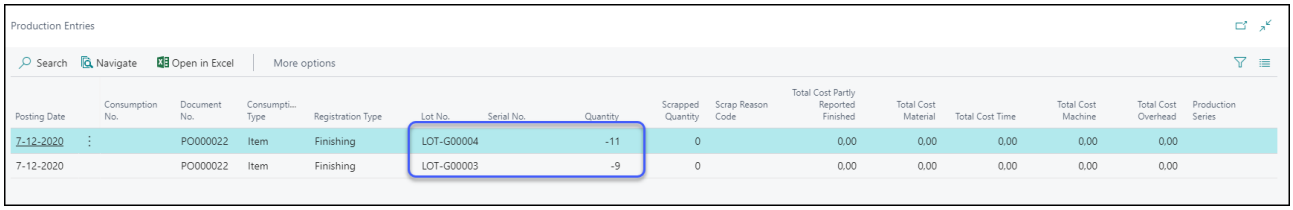
Qty. Handled on the Lines is the quantity that has been posted as finished on this Production Order for the Lot Nos. of the Item Tracking Line.
Produced Quantity Lot on the Lines is the total quantity that has been posted as finished on all Production Orders for the Lot No. of the Item Tracking Line.

Click **Close**.

In the **Production Entries** (by clicking ***Related, Production Entries***) of the Production Order, you see



Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Lot No.	Serial No.	Quantity	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine	Total Cost Overhead	Production Series
7-12-2020		PO000022	Item	Finishing	LOT-G00004		-11	0		0,00	0,00	0,00	0,00	0,00	
7-12-2020		PO000022	Item	Finishing	LOT-G00003		-9	0		0,00	0,00	0,00	0,00	0,00	

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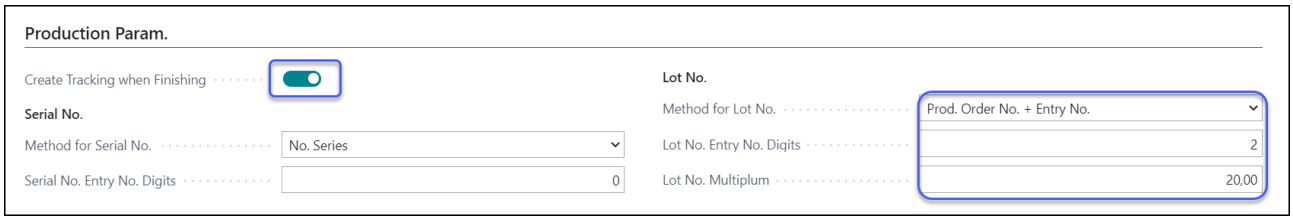
WITH AUTOMATIC CREATE TRACKING – WITH MULTIPLUM

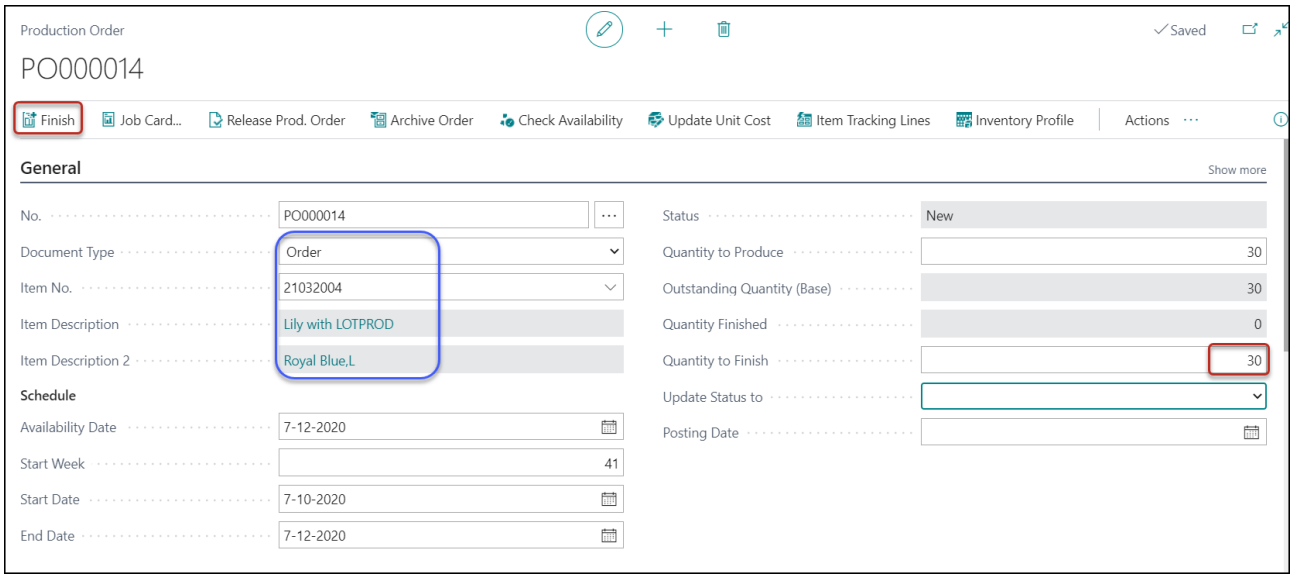
If the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item you want to produce is set to *Yes*, you don't have to enter the **Item Tracking Lines** before Posting the Finishing of the Production Order.

The system will automatically create the Lot Nos. for you.

I.e. **Item Tracking Code** *LOTPROD* has the fields:

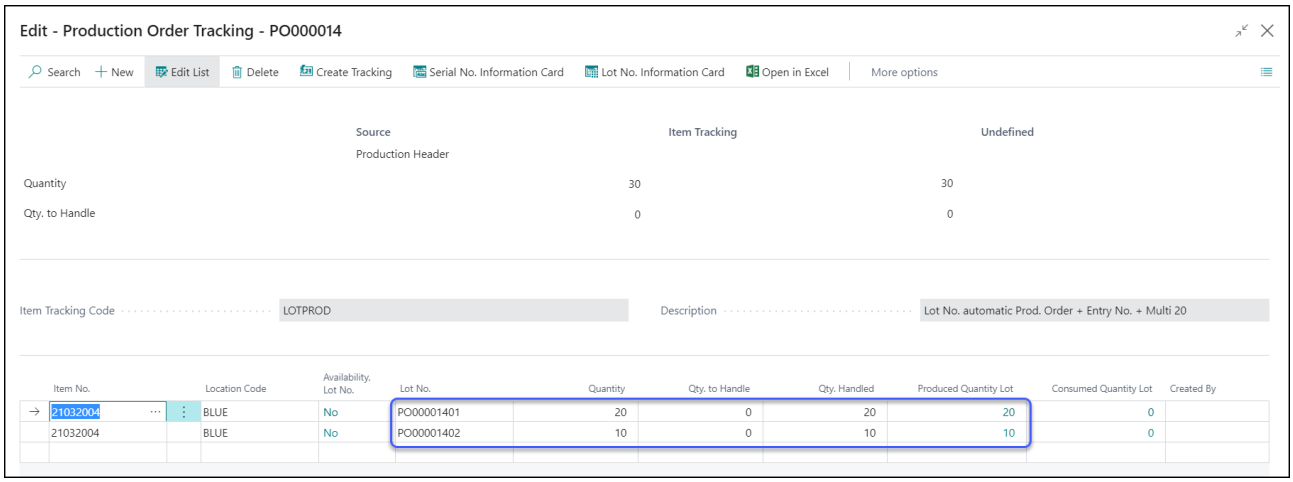


And if you would have a Production Order with *30* pieces to Finish:



And click ***Finish***, the system will create two new Lot Nos. for you.

You can see them by clicking ***Item Tracking Lines***:



Based on the *30* pieces you wanted to Finish and the **Multiplum** of *20* he created two Lot Nos. for you: The first with *20* and the second with *10*.

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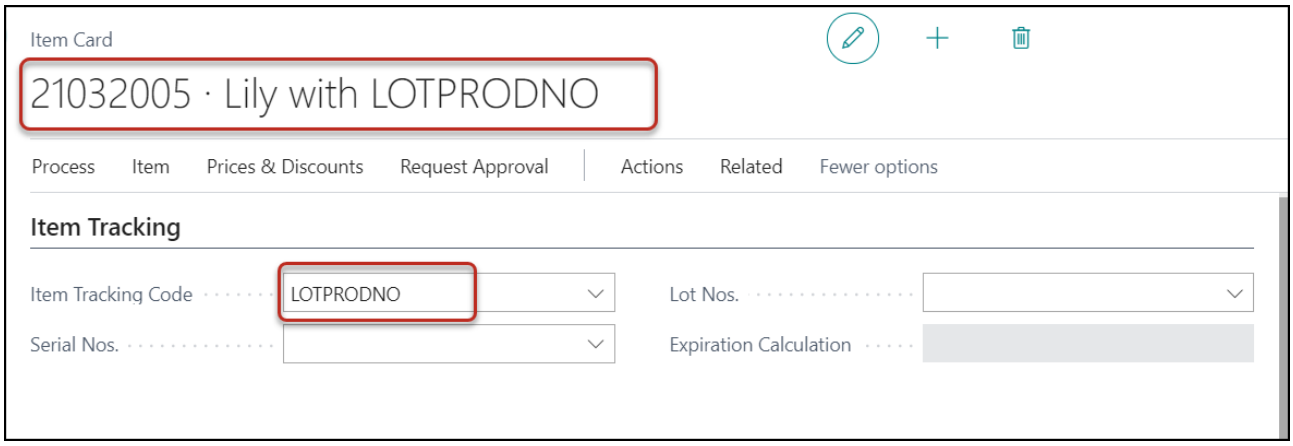
WITH AUTOMATIC CREATE TRACKING – WITHOUT MULTIPLUM

If the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item you want to produce is set to *Yes*, you don't have to enter the **Item Tracking Lines** before Posting the Finishing of the Production Order.

The system will automatically create the Lot No. for you.

I.e. **Item Tracking Code** *LOTPRODNO* has the fields:

And in **Item** *21032005* we change the **Item Tracking Code** from *LOTPROD* to *LOTPRODNO*



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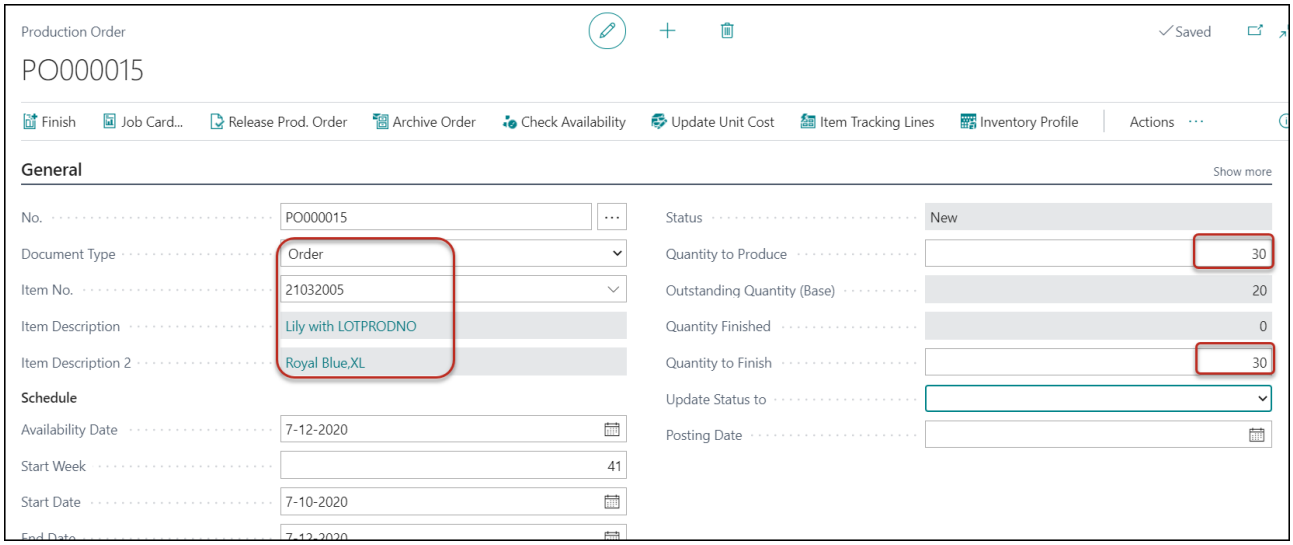
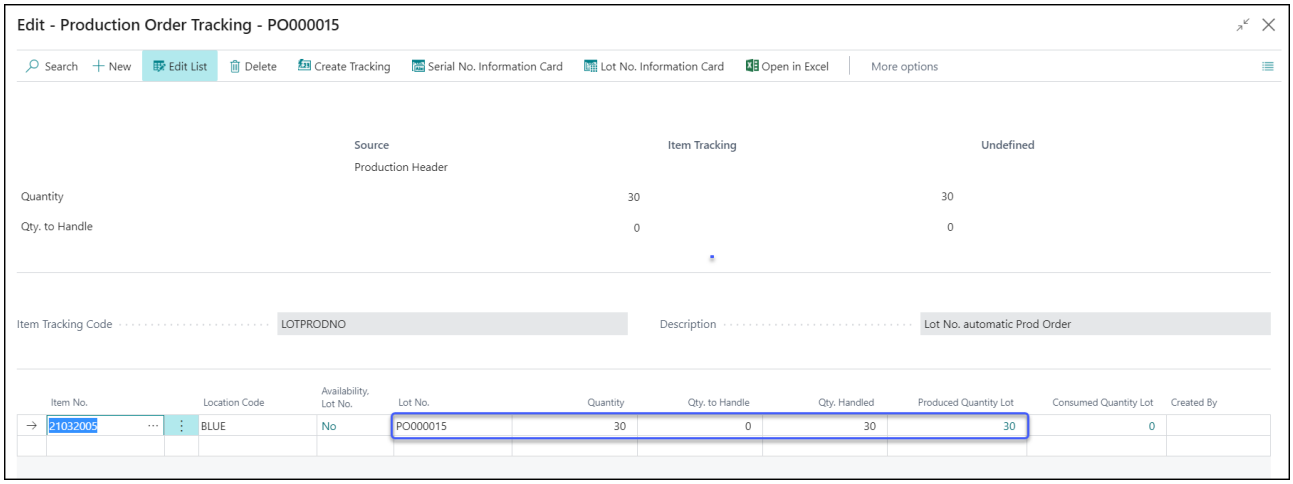
And if you would have a Production Order with *30* pieces to Finish:



And click ***Finish***, the system will create one new Lot No.

I can see it by clicking ***Item Tracking Lines***:



NOTE

New Lot Nos. that will be automatically created, will always be based on the fields in the **Item Tracking Code**: **Method for Lot No., Lot No. Entry No. Digits** and the **Multiplum** and the **Lot Nos.** field in the **Master/Item** card.

NOTE

Applicable for all four scenarios of Finishing via the Production Order:

If the **Status** becomes *Finished,* the Production Order can also be *Closed* and *Archived* automatically based on the parameters in the Production Setup: **Close Order (or Inventory) Production Order when Finishing** and **Automatically Archive Production Orders at Close**. For details see ***White Paper – TRIMIT Setups*.**

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VIA PRODUCTION JOURNAL

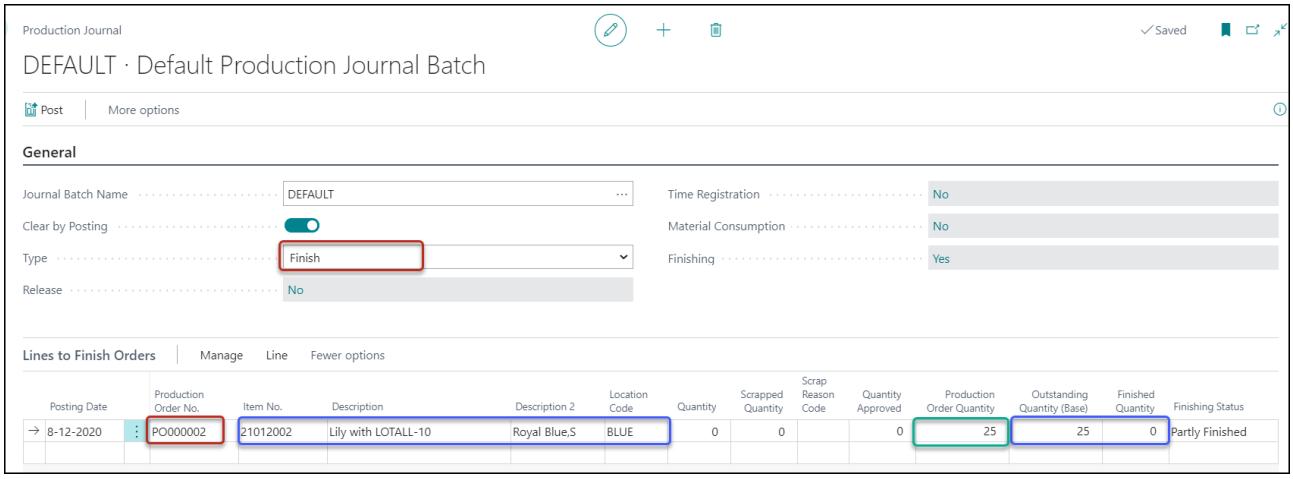
Besides posting the finishing of Production Orders with Item Tracking Lines via the Production Order, you can also do this via the **Production Journal**, in which you are also able to register **Scrapped Quantity**.

NOTE
You cannot use the **Production Journal** for posting Finishing of Production Orders if you have a **Location Code** for which you need to create an Inventory Put-away or a Warehouse Put-away; that is only possible via the Production Order itself.

WITHOUT AUTOMATIC CREATE TRACKING – WITH MULTIPLUM

Comparable with the procedure [Without Automatic Create Tracking – With Multiplum].

You can find the **Production Journal** via **Tell me**.



After you have entered the **Type** *Finish* and the **Production Order No.**, the **Production Order Quantity** is filled with the **Quantity to Produce** of the Production Order, **Outstanding Quantity (Base)** is filled with the **Outstanding Quantity (Base)** of the Production Order and **Finished Quantity** is filled with the **Finished Quantity** of the Production Order.

Now you can enter the **Quantity** that was actually produced and that you want to report Finished.
If some of these produced quantities were Scrap, you can enter the **Scrap Quantity** and the **Scrap Reason Code.**
Based on the entered **Quantity** and the **Scrapped Quantity** the other fields will be updated:

- **Quantity Approved** will be calculated based on the **Quantity – Scrapped Quantity**.
- **Outstanding Quantity (Base)** will be calculated based on **Outstanding Quantity (Base)** – **Quantity**
- **Finished Quantity** will be calculated based on the **Finished Quantity** + **Quantity**.
- **Finishing Status** will be updated based on the **Production Order Quantity** and the **Finished Quantity.** You can change the **Finishing Status** if nothing more will be finished.

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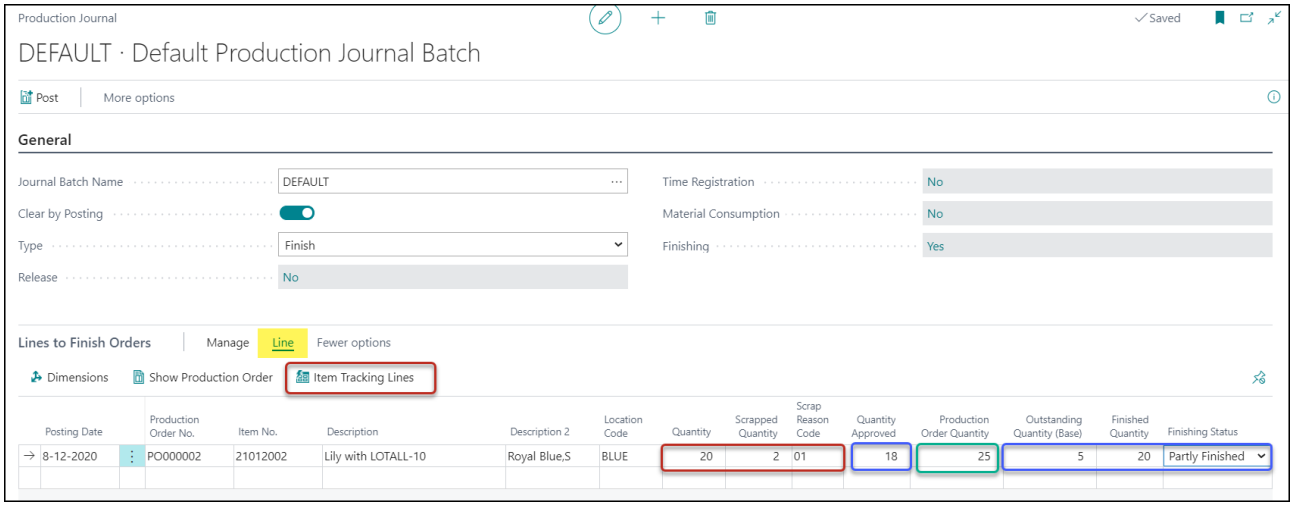
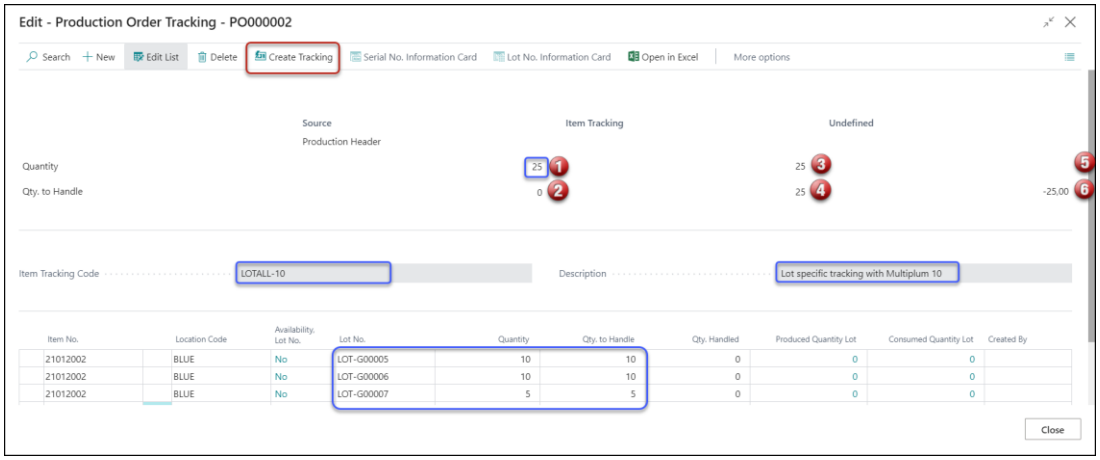
I.e.: You produced *20* pieces, from which *2* scrap:

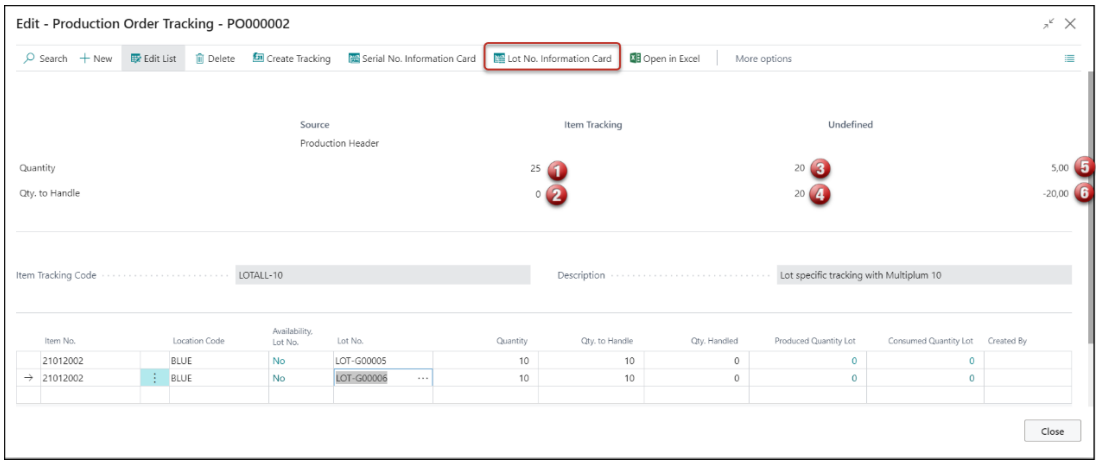


Regardless the quantities you might have entered on the Production Journal Line, when you want to specify the **Item Tracking Lines**, the quantities will be taken from the Production Order itself – just as you saw when posting the Consumptions of Materials via the Production Journal.

Based on the field **Outstanding Quantity (Base)** of the Production Order, you need to specify the Item Tracking Lines by clicking ***Line, Item Tracking Lines*.**
Therefore, with a **Multiplum** of *10* and an **Outstanding Quantity (Base)** of *25* on the Production Order, the system will automatically create three Lot Nos. when clicking ***Create Tracking***:



You only finished *20* in total, so will delete the third Line.



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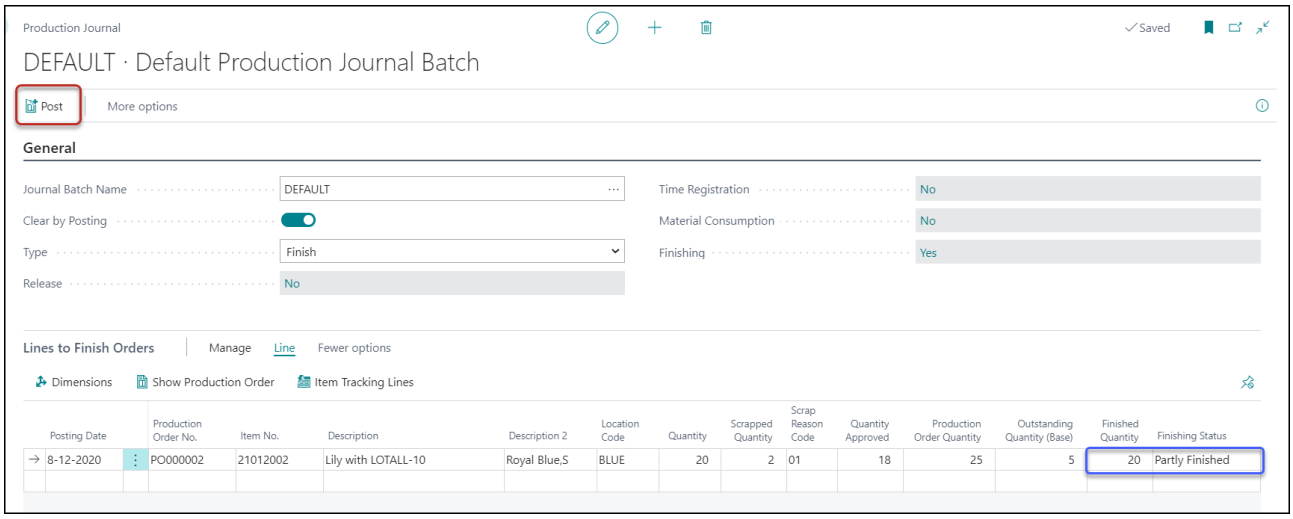
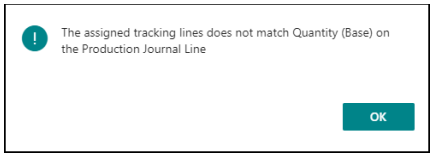
You are also able to create a **Lot No. Information Card** for every new **Lot No.** by clicking ***Lot No. Information Card*** and then click ***+ New*** as described earlier.
Based on these *20,* also the **Quantity to Finish** in the Production Order will be updated with *20.*

Click **Close**



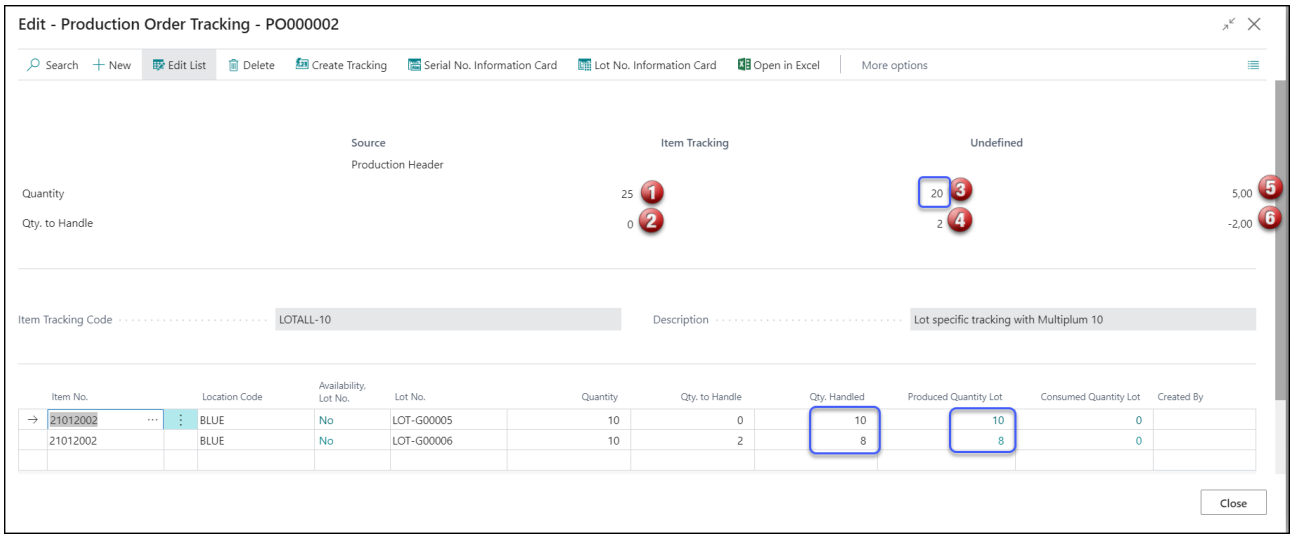
By clicking ***Post,*** you can now post the Finishing.

If the total of the **Qty. to Handle** of the Item Tracking Lines and the **Finished Quantity** of the Production Journal Line do not match, you will get an error message and can't post the Production Journal:



Click **Esc** and open the Production Order *PO000002* again.

If the posting was successful, in the **Item Tracking Lines** (by clicking ***Item Tracking Lines***), you can see:



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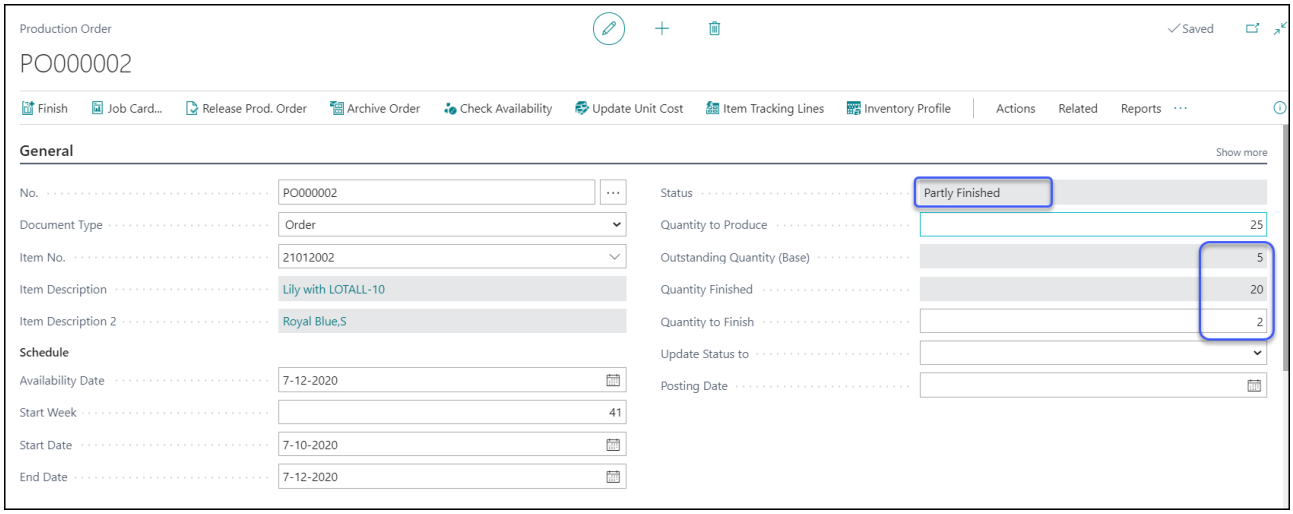
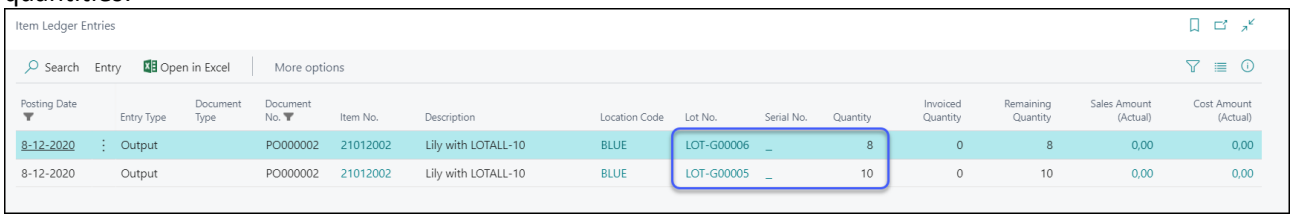
Qty. Handled on the Lines is the quantity that has been posted as Finished on this Production Order *PO000002* for the Lot No. of the Item Tracking Line and the quantity that was calculated for the **Quantity Approved**.
Produced Quantity Lot on the Lines is the total quantity that has been posted as Finished on all Production Orders for the Lot No. of the Item Tracking Line.
The **Scrapped Quantity** we entered on the Production Journal Lines, will always be deducted from the last **Lot No.** that has been created!
However, because we had Lot Nos. with a Multiplum, the **Quantity** for both Lot Nos. is still *10*, even though only *8* were handled/posted for the second Lot No.
And if we go back to the Production Order *PO000002,* we can see that the **Quantity Finished**, **Status** and **Outstanding Quantity (Base)** now have been updated**.**



And the **Quantity to Finish** is based on the **Qty. to Handle** of the Item Tracking Lines we saw before.

In the **Production Entries** (by clicking ***Related, Production Entries***), you see

If we now click ***Navigate*** and drill down on the **Item Ledger Entries**, we will however only see the approved quantities:



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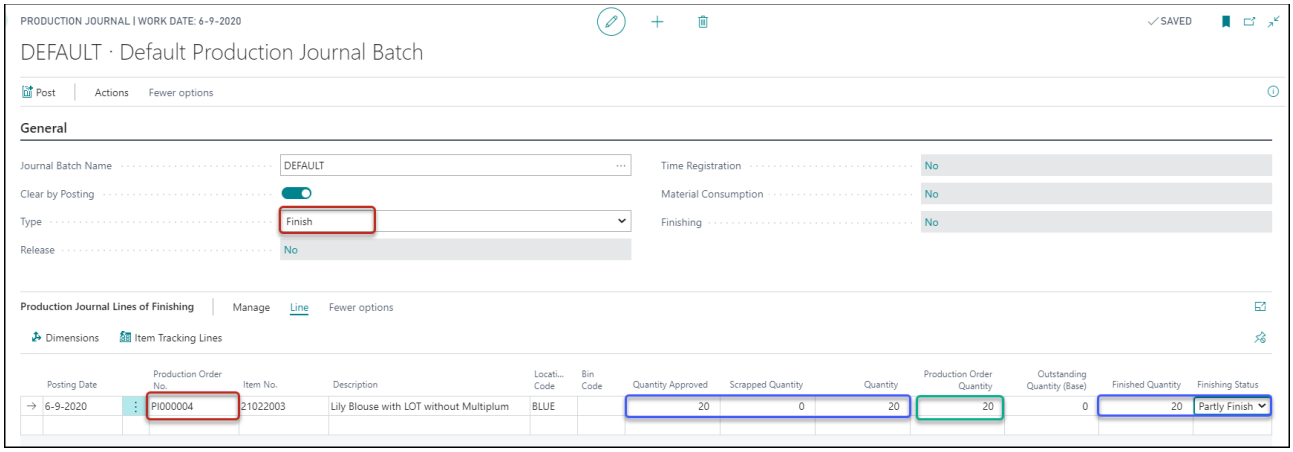
WITHOUT AUTOMATIC CREATE TRACKING – WITHOUT MULTIPLUM

Comparable with the procedure [Without Automatic Create Tracking – Without Multiplum].

You can find the **Production Journal** via **Tell me**.

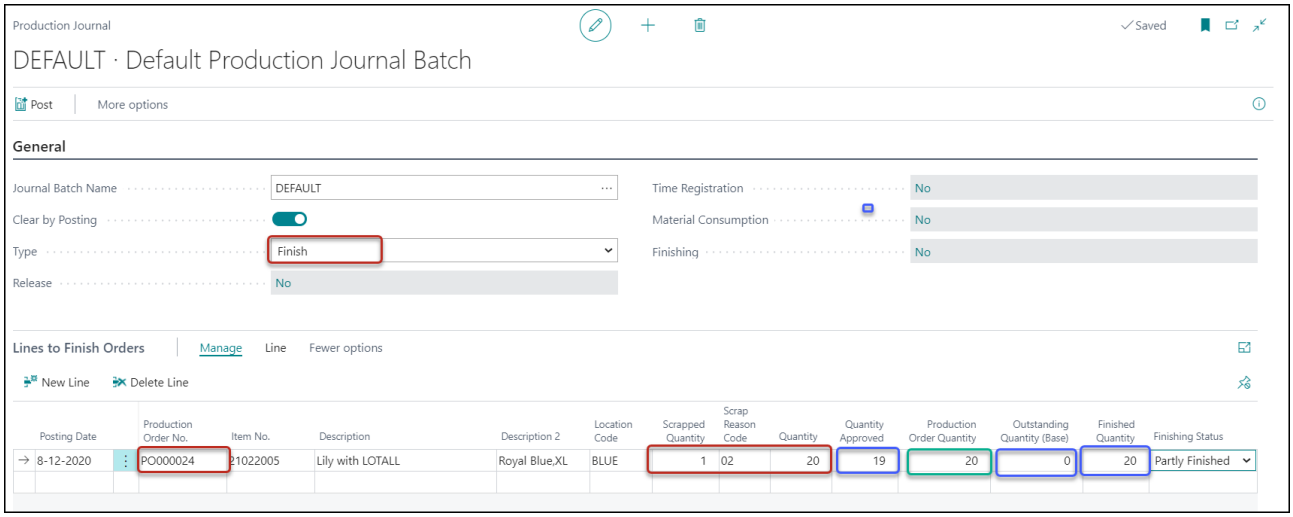


After you have entered the **Type** *Finish* and the **Production Order No.**, the **Production Order Quantity** is filled with the **Quantity to Produce** of the Production Order, **Outstanding Quantity (Base)** is filled with the **Outstanding Quantity (Base)** of the Production Order and **Finished Quantity** is filled with the **Finished Quantity** of the Production Order.

Now you can enter the **Quantity** that was actually produced and that you want to report Finished.
If some of these produced quantities were Scrap, you can enter the **Scrap Quantity** and the **Scrap Reason Code.**
Based on the entered **Quantity** and the **Scrapped Quantity** the other fields will be updated:

- **Quantity Approved** will be calculated based on the **Quantity – Scrapped Quantity**.
- **Outstanding Quantity (Base)** will be calculated based on **Outstanding Quantity (Base)** – **Quantity**
- **Finished Quantity** will be calculated based on the **Finished Quantity** + **Quantity**.
- **Finishing Status** will be updated based on the **Production Order Quantity** and the **Finished Quantity.** You can change the **Finishing Status** if nothing more will be finished.

I.e.: You produced *20* pieces, from which *1* scrap.



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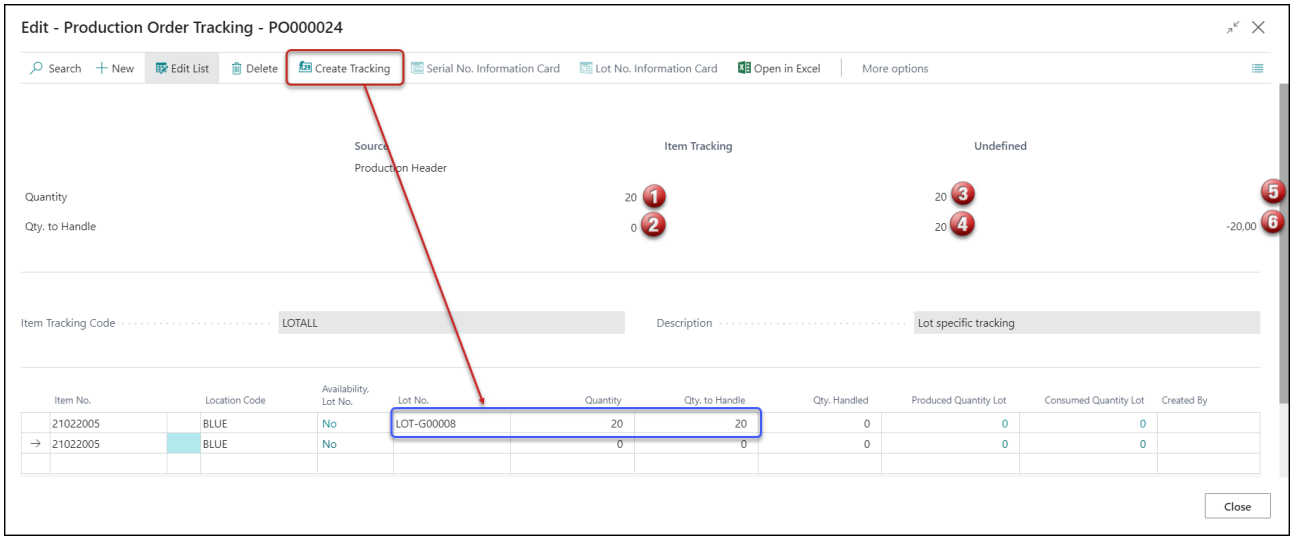
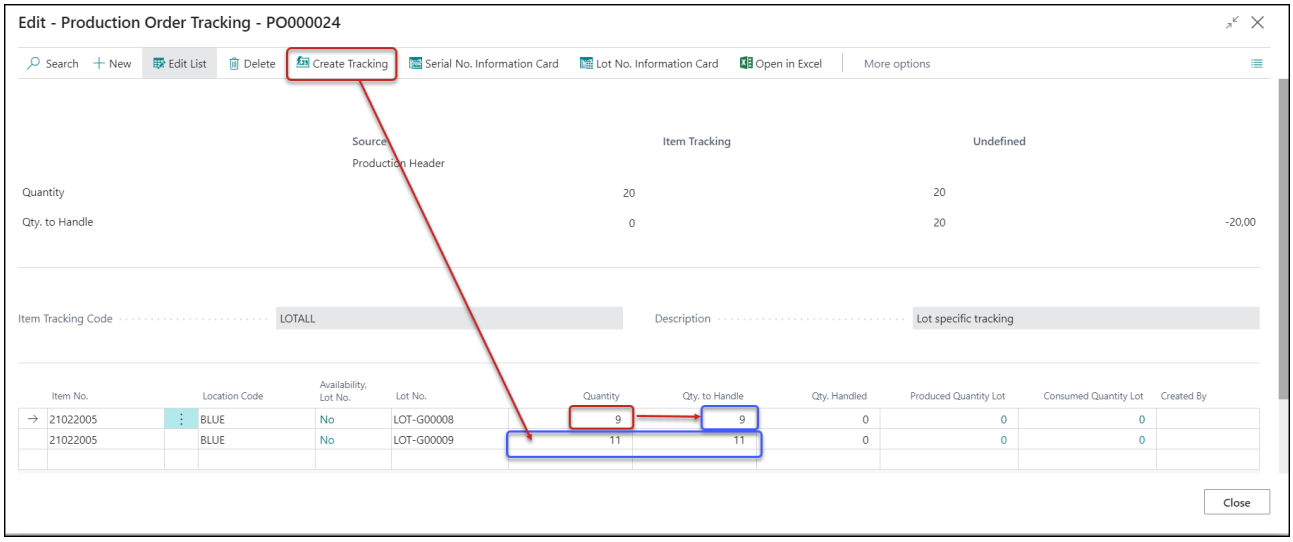
Regardless the quantities you might have entered on the Production Journal Line, when you want to specify the **Item Tracking Lines**, the quantities will be taken from the Production Order itself – just as you saw when posting the Consumptions of Materials via the Production Journal.

Based on the field **Outstanding Quantity (Base)** of the Production Order, you need to specify the Item Tracking Lines by clicking ***Line, Item Tracking Lines*.**
Therefore, without a **Multiplum** and an **Outstanding Quantity (Base)** of *20* on the Production Order, the system will automatically create one Lot Nos. when clicking ***Create Tracking***:



You did finish *20* pieces, but it was divided into two Lot Nos., therefore we change the **Quantity** to *9* and the **Quantity to Handle** to *9* and click again ***Create Tracking*** for a second Lot No.



You are also able to create a **Lot No. Information Card** for every new **Lot No.** by clicking ***Lot No. Information Card*** and then click ***+ New*** as described earlier.

Based on these *20,* also the **Quantity to Finish** in the Production Order will be updated with *20.*

Click **Close**

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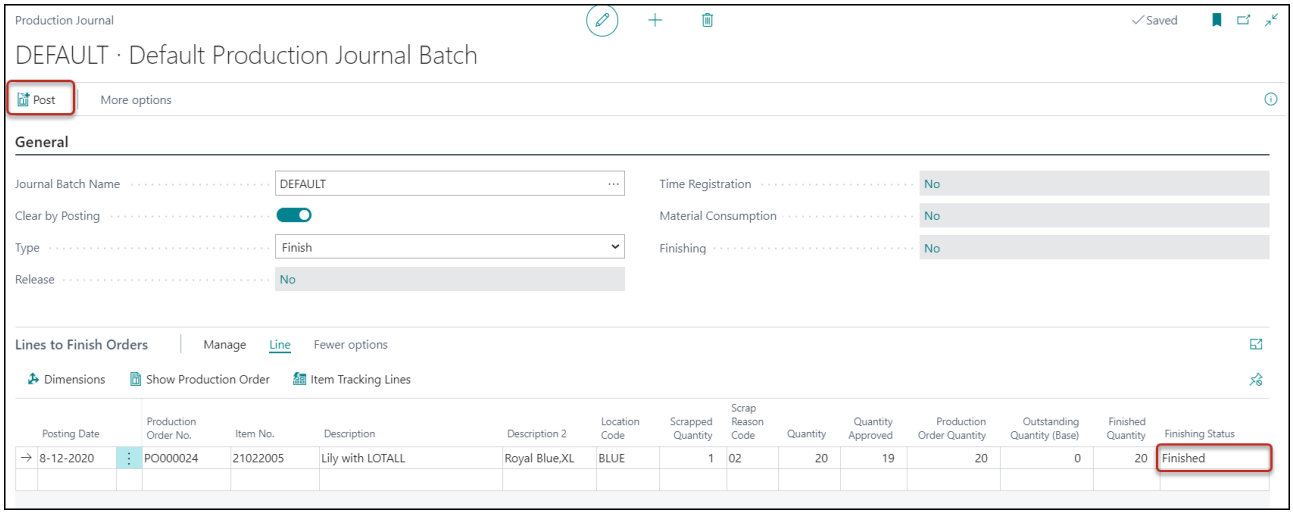
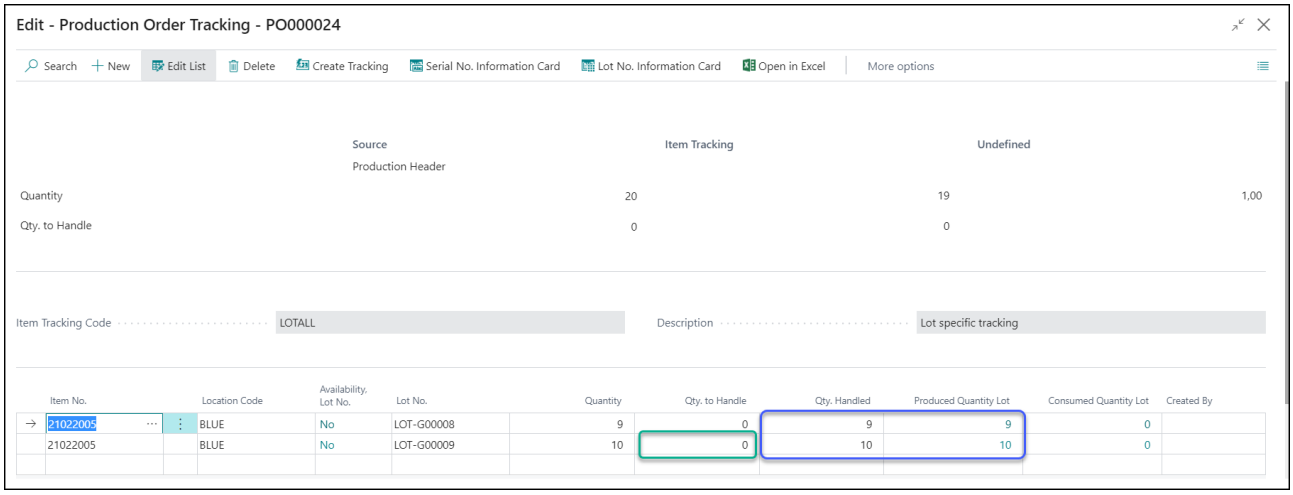
There is no material left, so we set the **Finishing Status** to *Finished*.



Now you can click ***Post*** to post the finishing.

If the posting was successful, in the **Item Tracking Lines** (by clicking ***Item Tracking Lines***), you see:



Qty. Handled on the Lines is the quantity that has been posted as finished on this Production Order *PO000024* for the Lot No. of the Item Tracking Line and the quantity we entered in **Quantity Approved**.

Produced Quantity Lot on the Lines is the total quantity that has been posted as finished on all Production Orders for the Lot No. of the Item Tracking Line.

The **Scrapped Quantity** we entered on the Production Journal Lines, will always be deducted from the last **Lot No.** that has been created!

In this example the **Qty. to Handle** of the second Lot No. has also been set to *0 (zero)*, because we told the system that this Production Order is *Finished*.

And if we go back to the Production Order *PO000024,* we can see that the **Quantity Finished, Status** and **Outstanding Quantity (Base)** have been updated**.**

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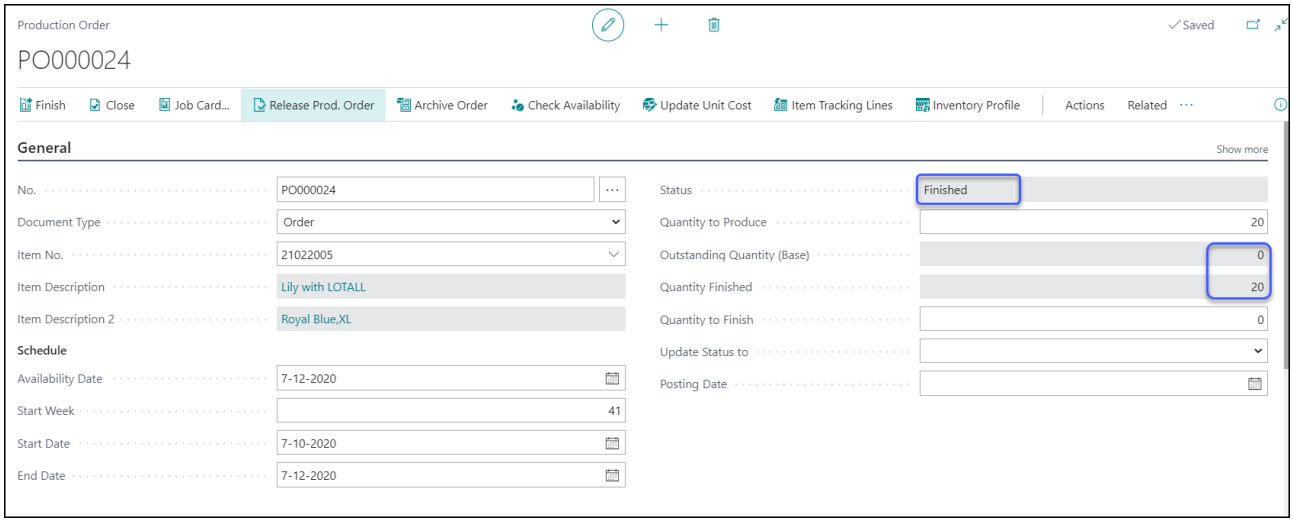
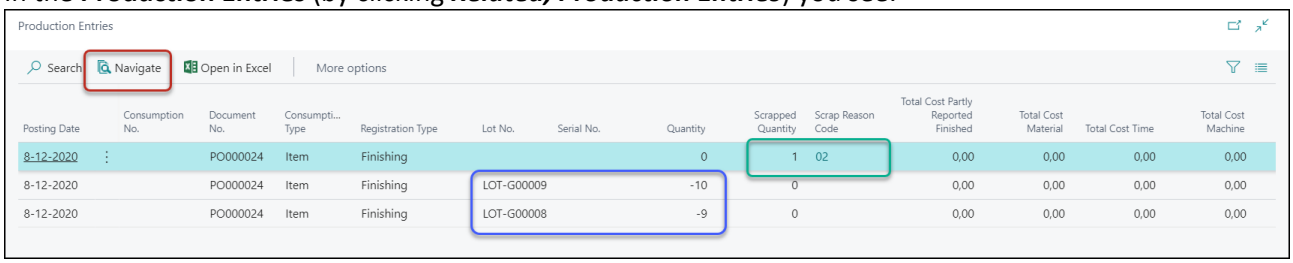
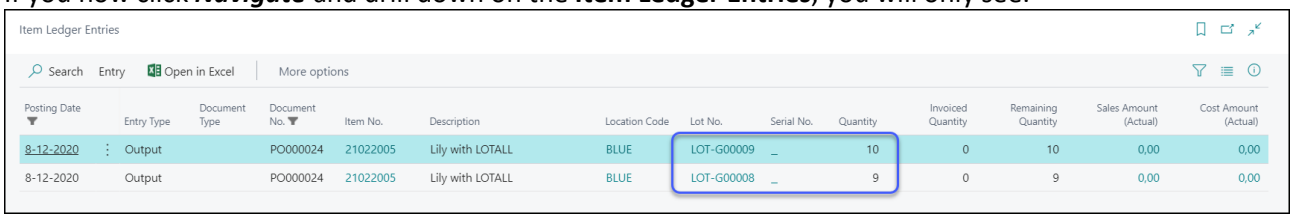


In the **Production Entries** (by clicking ***Related, Production Entries***) you see:



If you now click ***Navigate*** and drill down on the **Item Ledger Entries**, you will only see:



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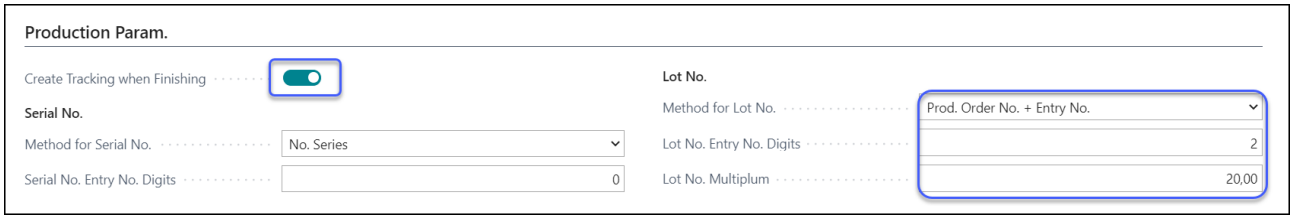
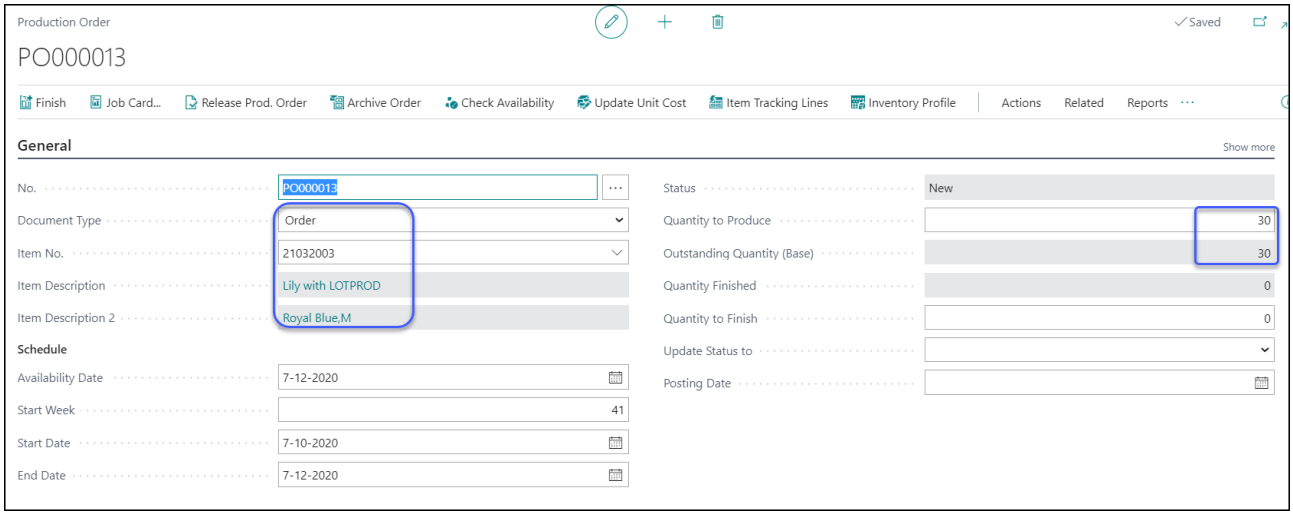
WITH AUTOMATIC CREATE TRACKING – WITH MULTIPLUM

Comparable with the procedure [With Automatic Create Tracking – With Multiplum].

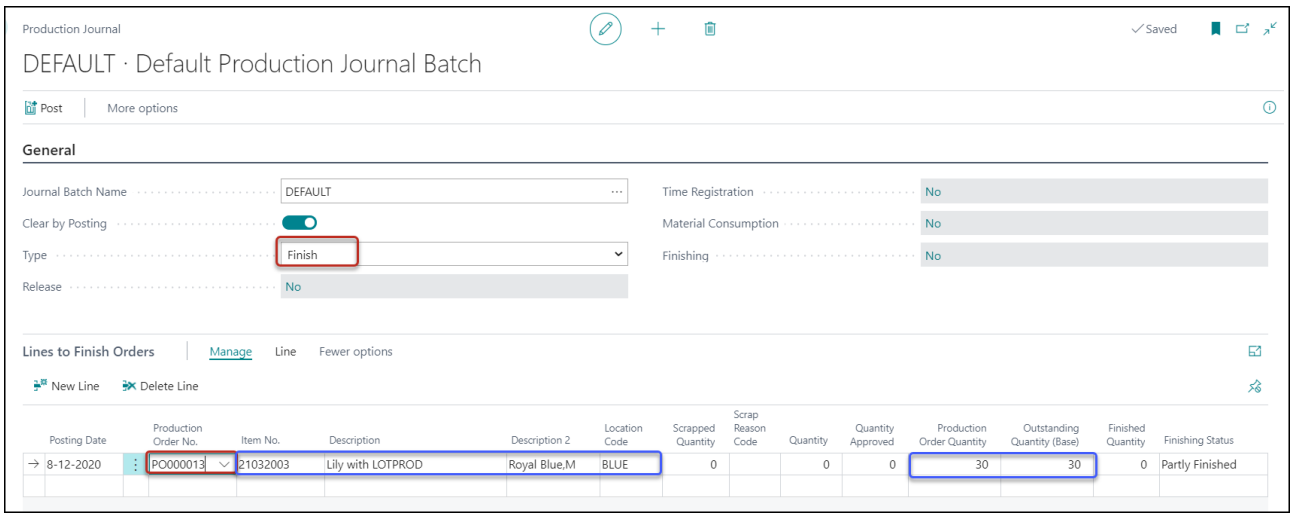
If the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item you want to produce is set to *Yes*, you don't have to enter the **Item Tracking Lines** before Posting the Finishing of the Production Journal.
The system will automatically create the Lot Nos. for you.
I.e. **Item Tracking Code** *LOTPROD* has the fields:



And if you would have a Production Order with *30* pieces to produce:



And want to use the **Production Journal** (via **Tell me**) for Finishing:



After you have entered the **Type** *Finish* and the **Production Order No.**, the **Production Order Quantity** is filled with the **Quantity to Produce** of the Production Order, **Outstanding Quantity (Base)** is filled with the

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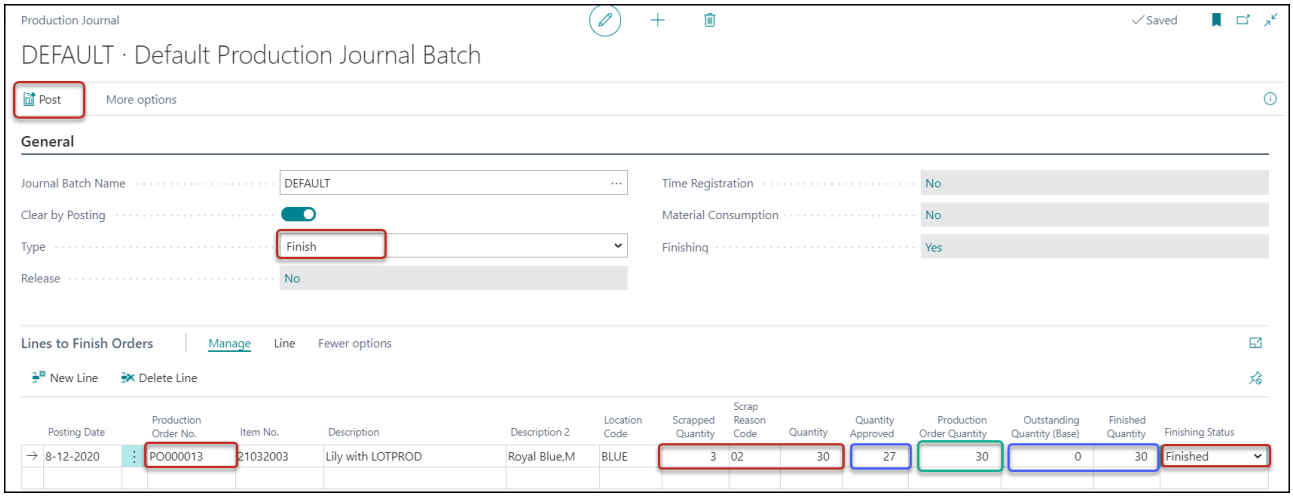
Outstanding Quantity (Base) of the Production Order and **Finished Quantity** is filled with the **Finished Quantity** of the Production Order.

Now you can enter the **Quantity** that was actually produced and that you want to report Finished.
If some of these produced quantities were Scrap, you can enter the **Scrap Quantity** and the **Scrap Reason Code.**
Based on the entered **Quantity** and the **Scrapped Quantity** the other fields will be updated:

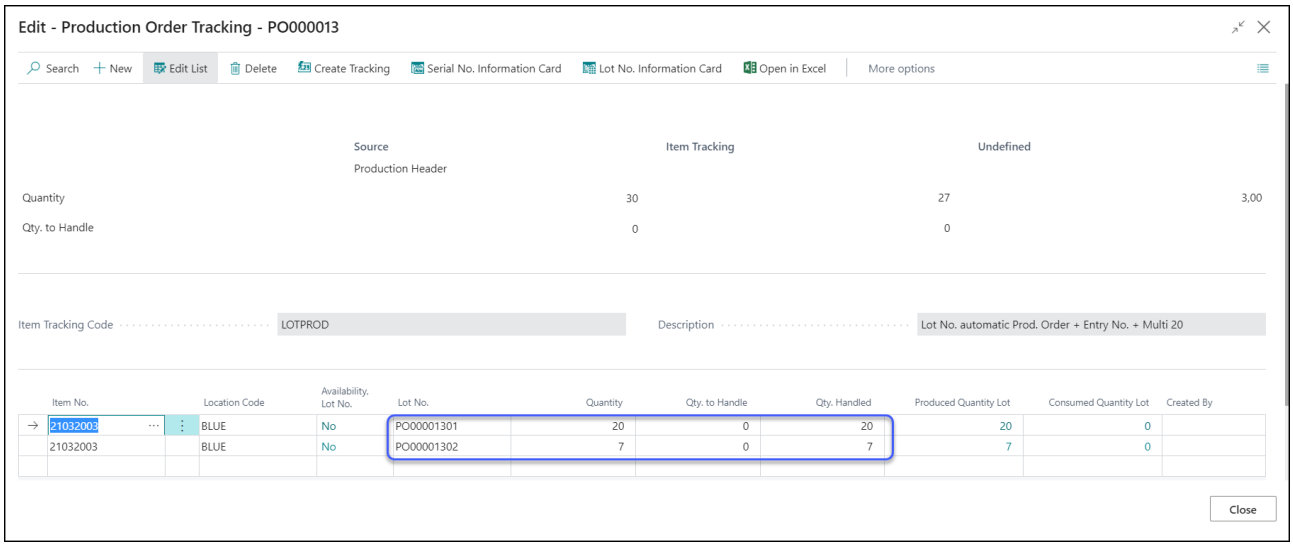
- **Quantity Approved** will be calculated based on the **Quantity – Scrapped Quantity**.
- **Outstanding Quantity (Base)** will be calculated based on **Outstanding Quantity (Base)** – **Quantity**
- **Finished Quantity** will be calculated based on the **Finished Quantity** + **Quantity**.
- **Finishing Status** will be updated based on the **Production Order Quantity** and the **Finished Quantity.** You can change the **Finishing Status** if nothing more will be finished.

I.e.: You produced *30* pieces, from which *3* Scrap.



You don't have to specify the **Item Tracking Lines;** you can simply click ***Finish*** and the system will create two new Lot Nos. for you.

You can see them by clicking ***Item Tracking Lines*** in the Production Order**:**



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Based on the *30* pieces – *3 pieces Scrap* you wanted to Finish and the **Multiplum** of *20* the system created two Lot Nos. for you:
The first with *20* and the second with *7*.

In the **Production Entries** (by clicking ***Related, Production Entries***), you see

Production Entries

Search | Navigate | Open in Excel | More options

Posting Date	Consumption No.	Document No.	Consumpti... Type	Registration Type	Lot No.	Serial No.	Quantity	Scrapped Quantity	Scrap Reason Code	Total Cost Partly Reported Finished	Total Cost Material	Total Cost Time	Total Cost Machine
8-12-2020		PO000013	Item	Finishing			0	3	02	0,00	0,00	0,00	0,00
8-12-2020		PO000013	Item	Finishing	PO00001302		-7	0		0,00	0,00	0,00	0,00
8-12-2020		PO000013	Item	Finishing	PO00001301		-20	0		0,00	0,00	0,00	0,00

If we now click ***Navigate*** and drill down on the **Item Ledger Entries**, we will however only see the approved quantities:

Item Ledger Entries

Search | Entry | Open in Excel | More options

Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Location Code	Lot No.	Serial No.	Quantity	Invoiced Quantity	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)
8-12-2020	Output		PO000013	21032003	Lily with LOTPROD	BLUE	PO00001302	_	7	0	7	0,00	0,00
8-12-2020	Output		PO000013	21032003	Lily with LOTPROD	BLUE	PO00001301	_	20	0	20	0,00	0,00

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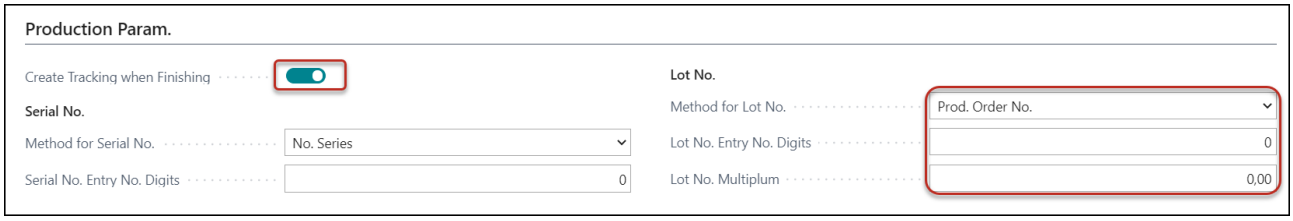
WITH AUTOMATIC CREATE TRACKING – WITHOUT MULTIPLUM

Comparable with the procedure [With Automatic Create Tracking – Without Multiplum](#).

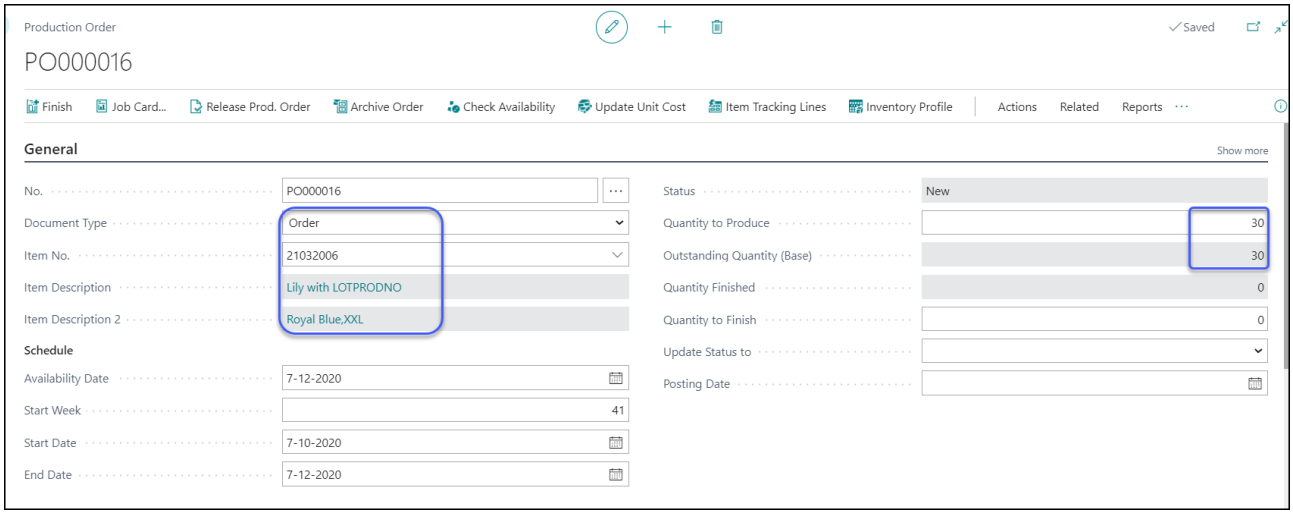
If the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item you want to produce is set to *Yes*, you don't have to enter the **Item Tracking Lines** before Posting the Finishing of the Production Journal

The system will automatically create the Lot Nos. for you.

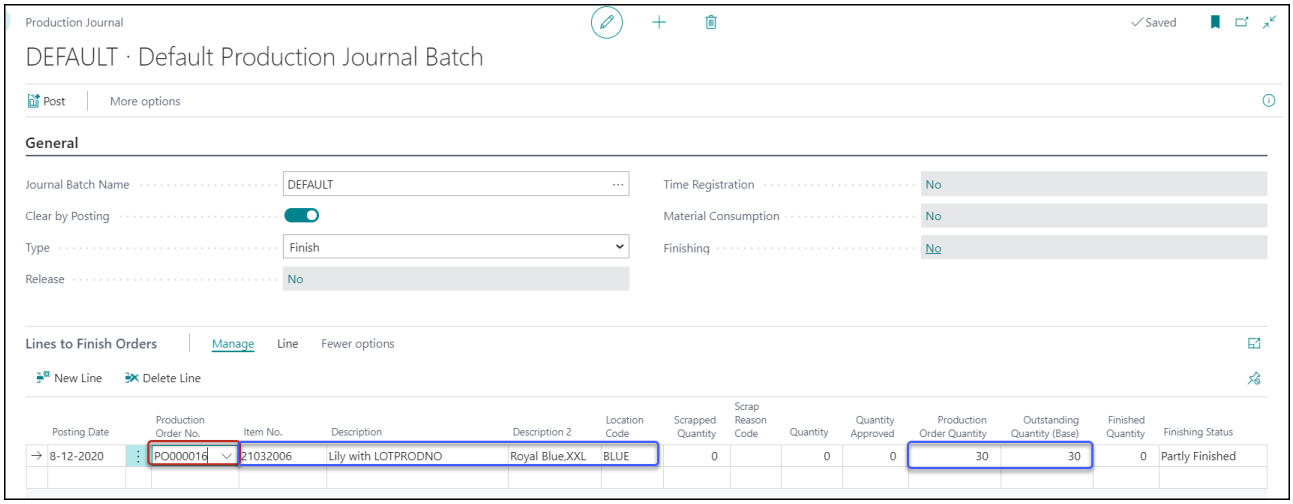
I.e. **Item Tracking Code** *LOTPRODNO* has the fields:



And if you would have a Production Order with *30* pieces to produce:



And want to use the **Production Journal** (via **Tell me**) for Finishing:



After you have entered the **Type** *Finish* and the **Production Order No.**, the **Production Order Quantity** is filled with the **Quantity to Produce** of the Production Order, **Outstanding Quantity (Base)** is filled with the **Outstanding Quantity (Base)** of the Production Order and **Finished Quantity** is filled with the **Finished Quantity** of the Production Order.

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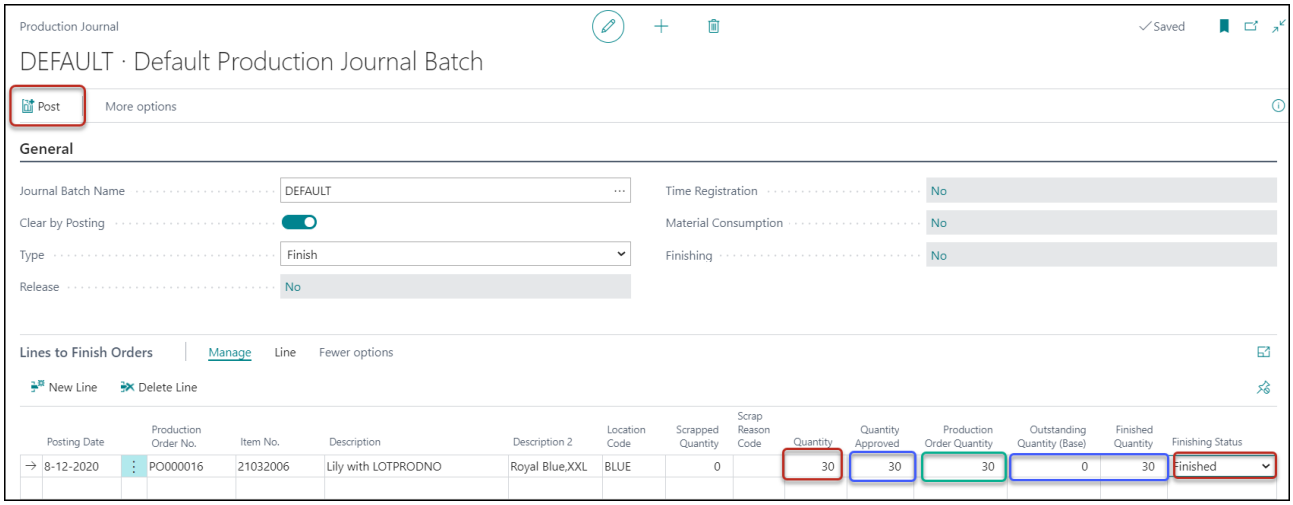
Now you can enter the **Quantity** that was actually produced and that you want to report Finished.
If some of these produced quantities were Scrap, you can enter the **Scrap Quantity** and the **Scrap Reason Code.**
Based on the entered **Quantity** and the **Scrapped Quantity** the other fields will be updated:

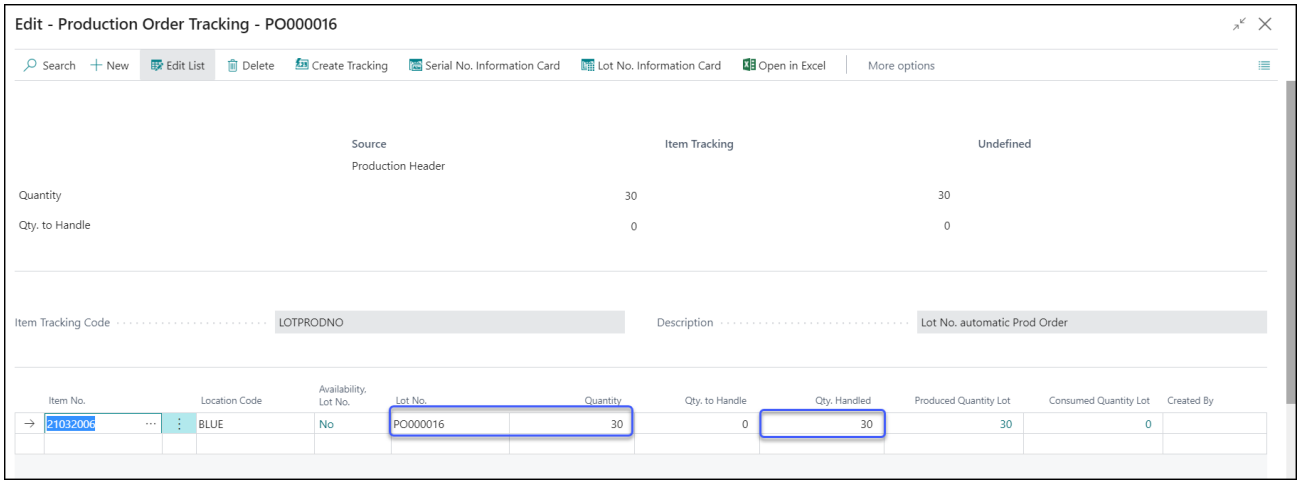
- **Quantity Approved** will be calculated based on the **Quantity – Scrapped Quantity**.
- **Outstanding Quantity (Base)** will be calculated based on **Outstanding Quantity (Base)** – **Quantity**
- **Finished Quantity** will be calculated based on the **Finished Quantity** + **Quantity**.
- **Finishing Status** will be updated based on the **Production Order Quantity** and the **Finished Quantity.** You can change the **Finishing Status** if nothing more will be finished.

I.e.: You produced *30* pieces, all approved.



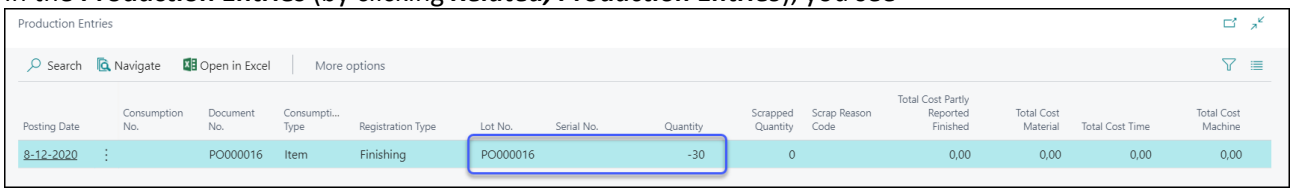
You don't have to specify the **Item Tracking Lines;** you can simply click ***Finish*** and the system will create one new Lot No. for you.

You can see it by clicking ***Item Tracking Lines*** in the Production Order**:**

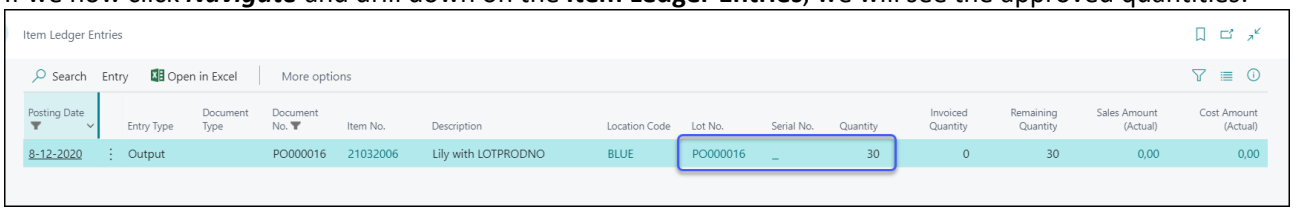


Based on the *30* the system created one Lot No. for you with *30* ***Qty. Handled***

In the **Production Entries** (by clicking ***Related, Production Entries***), you see



If we now click ***Navigate*** and drill down on the **Item Ledger Entries**, we will see the approved quantities:



NOTE

If you register **Scrapped Quantity**, it will be included in the **Quantity Finished** on the Production Order and will get its own entry in the **Production Entries**.

It will never be included in the actual Lot Nos. that could be used for shipping to the customer and it will always be deducted from the last **Lot No.** that was created.

NOTE

Applicable for all four scenarios of Finishing via the Production Journal:

If the **Status** becomes *Finished,* the Production Order can also be *Closed* and *Archived* automatically based on the parameters in the Production Setup: **Close Order (or Inventory) Production Order when Finishing** and **Automatically Archive Production Orders at Close**. For details see ***White Paper – TRIMIT Setups*.**

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FINISHING WITH SERIAL NOS.

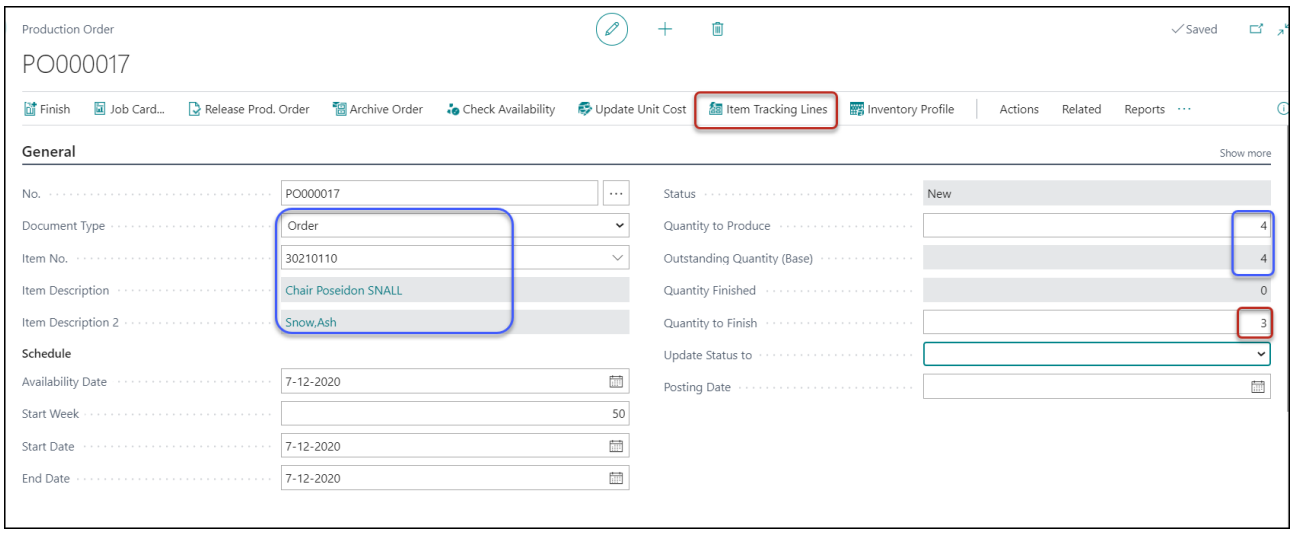
Besides Finishing Production Order and create Lot Nos., we are also able to create Serial Nos. for the Finishing (Output) of the Production Orders.

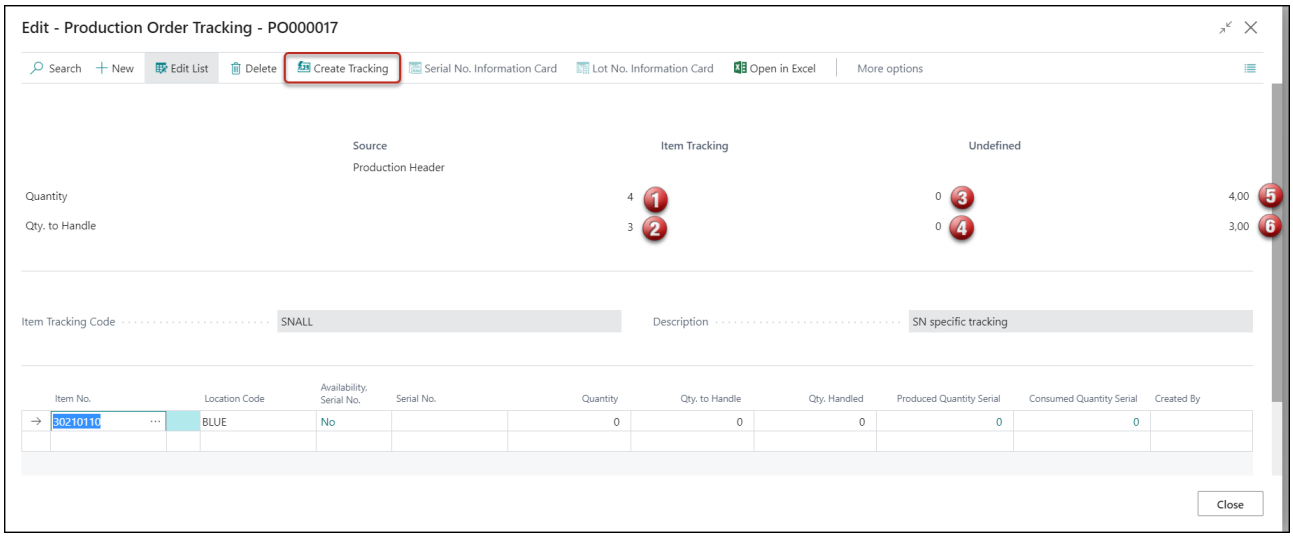
VIA PRODUCTION ORDER

NOTE
When using **Production Collecting Orders** for Items with Item Tracking, you need to create the Item Tracking Lines on every individual Production Order that is mentioned in the Production Collecting Order Lines as **Related Order**.

WITHOUT AUTOMATIC CREATE TRACKING

Before posting the Finishing, you need to create the **Item Tracking Lines** by clicking ***Item Tracking Lines***.





1 = **Outstanding Quantity (Base)** or the **Quantity to Finish** from the Production Order.
The highest value of those two fields will be taken.

2 = **Quantity to Finish** from the Production Order (if you have entered that before)

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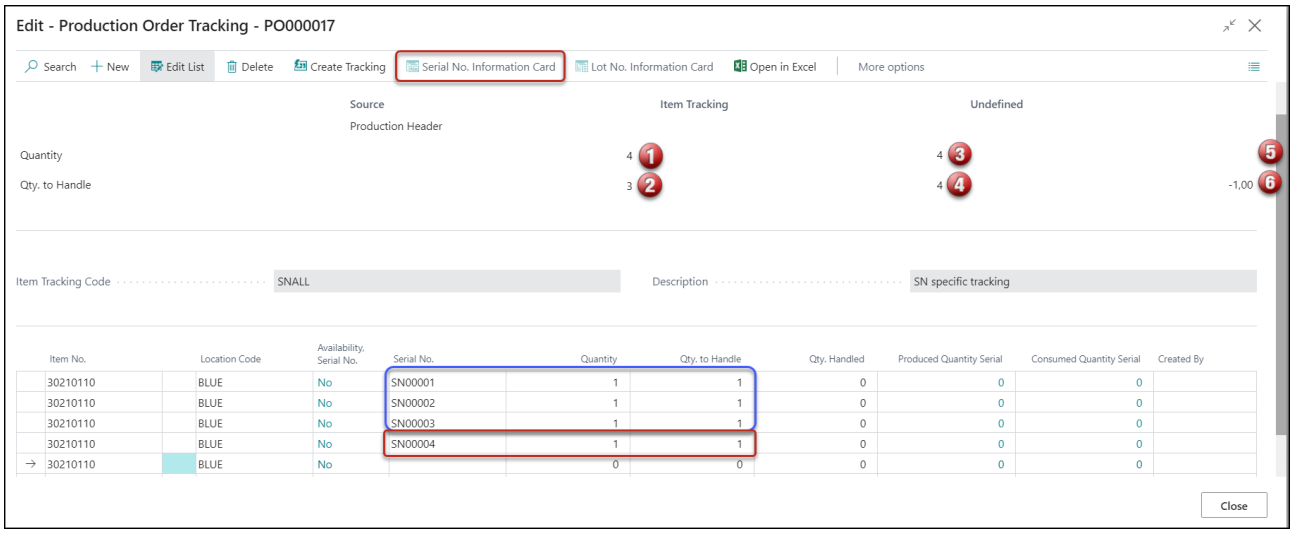
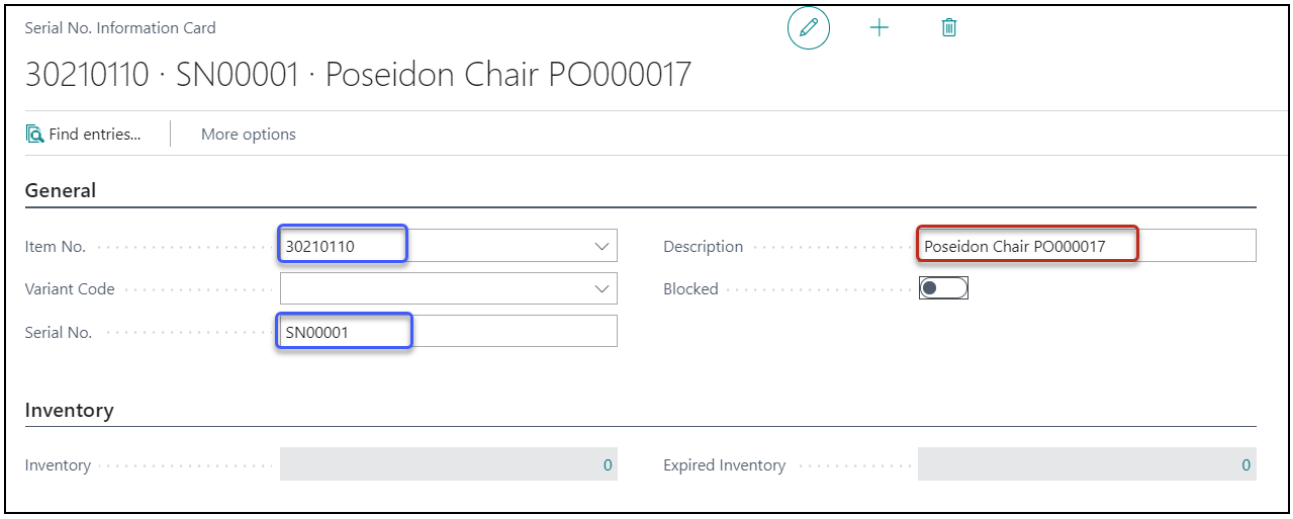
The Item *30210110* of the Production Order has **Item Tracking Code** *SNALL*.
Based on the **Quantity to Produce** (*4*), when you click ***Create Tracking*** to create the **Item Tracking Lines**, the system will automatically create *4* Serial Nos. of *1* piece.



The system did create *4* Serial Nos. based on the **Outstanding Quantity (Base)** from the Production Order. Because only *3* pieces have been produced, we will delete the fourth Serial No. again.

You are also able to create a **Serial No. Information Card** for every new **Serial No.** by clicking ***Serial No. Information Card*** and then click ***+ New.***



The **Item No.** and **Serial No**. will already be filled, and you can enter a **Description** or via click ***Navigate,*** click ***Comments*** enter additional Comments.

Click **Esc, Esc, Close.**

In the Production Order, the **Quantity to Finish** has been recalculated based on the total **Qty. to Handle** from the created Item Tracking Lines.

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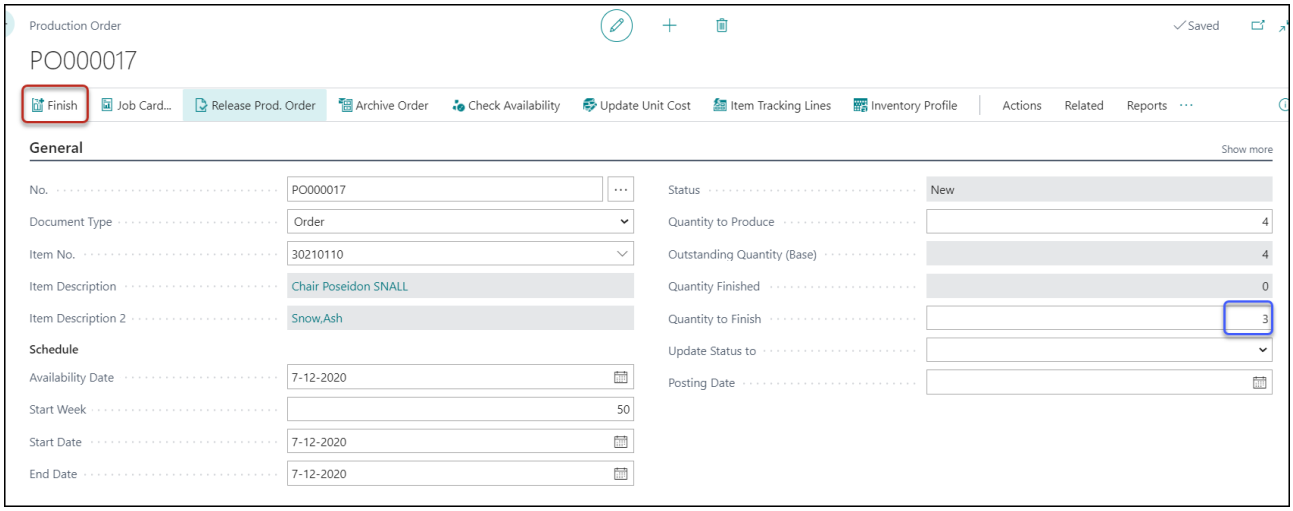
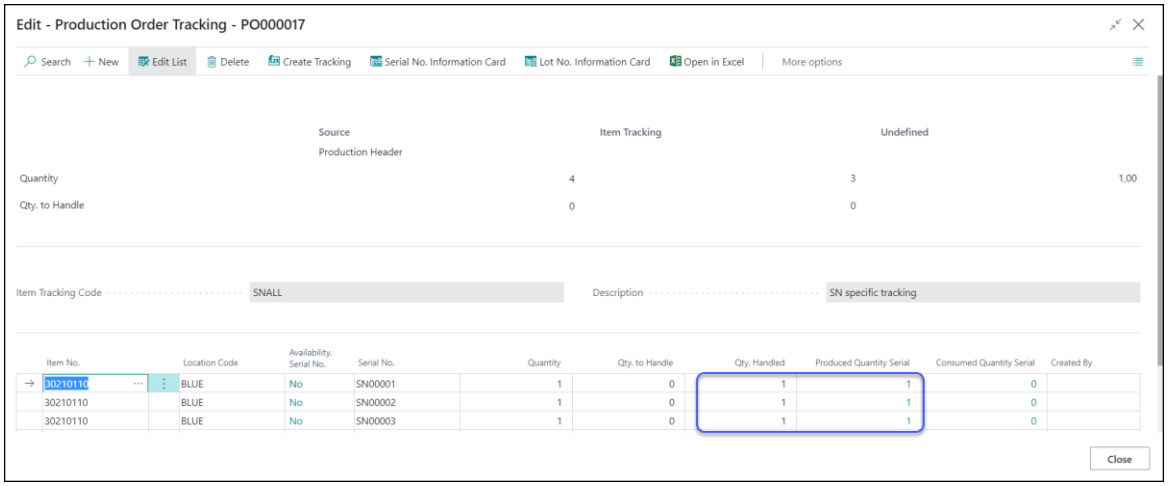


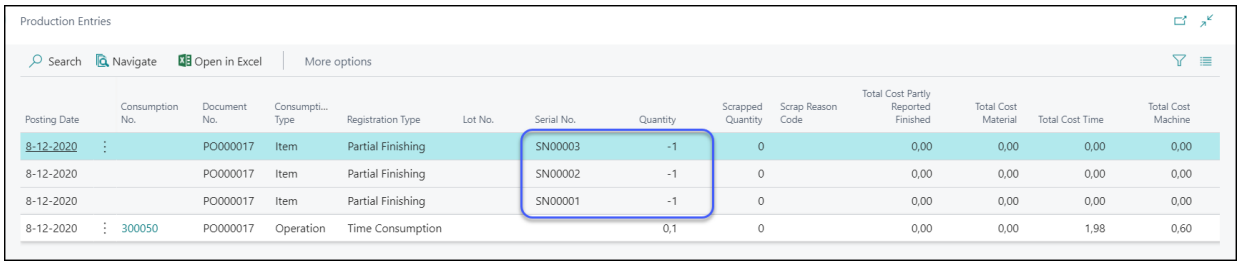
And you can finish the Production Order by clicking ***Finish***.
If the **Qty. to Handle** of the Item Tracking Lines and the **Quantity to Finish** on the Production Order are not the same, you can't post the finishing of the Production Order.
In the **Item Tracking Lines** (by clicking ***Item Tracking Lines***), you can see that the **Qty. Handled** is updated now.



Qty. Handled on the Lines is the quantity that has been posted as finished on this Production Order *PO000017* for the Serial No. of the Item Tracking Line.
Produced Quantity Serial on the Lines is the total quantity that has been posted as finished on all Production Orders for the Serial No. of the Item Tracking Line.

Click **Close**.

In the **Production Entries** (by clicking ***Related, Production Entries***), you see:



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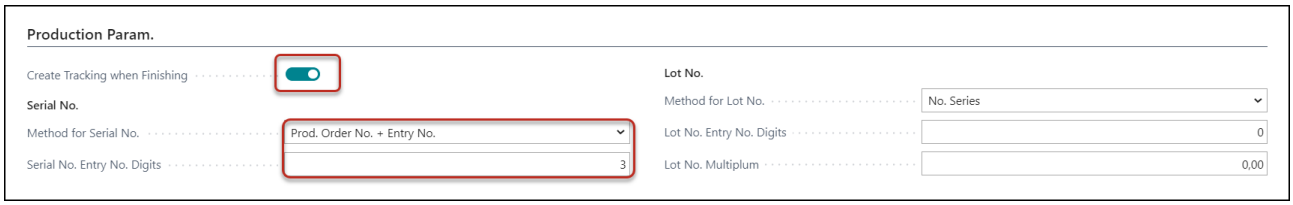
WITH AUTOMATIC CREATE TRACKING

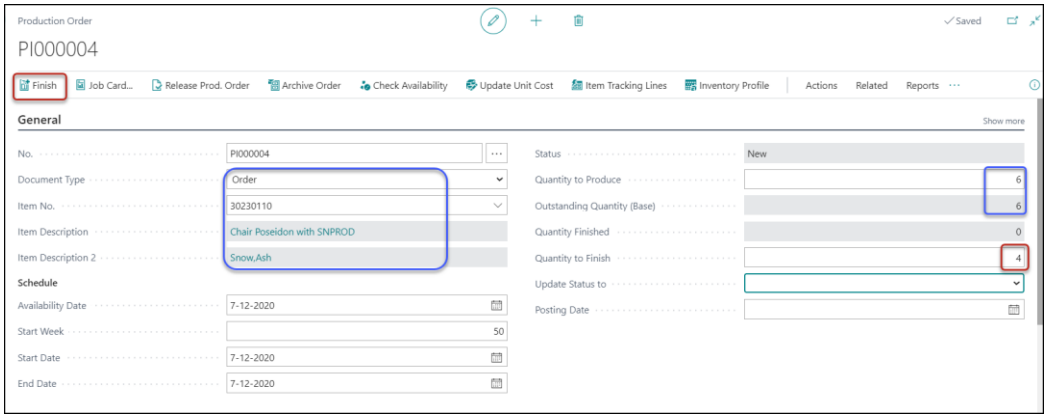
If the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item you want to produce is set to *Yes*, you don't have to enter the **Item Tracking Lines** before Posting the Finishing of the Production Order.

The system will automatically create the Serial Nos. for you.

I.e. **Item Tracking Code** *SNPROD* has the fields:

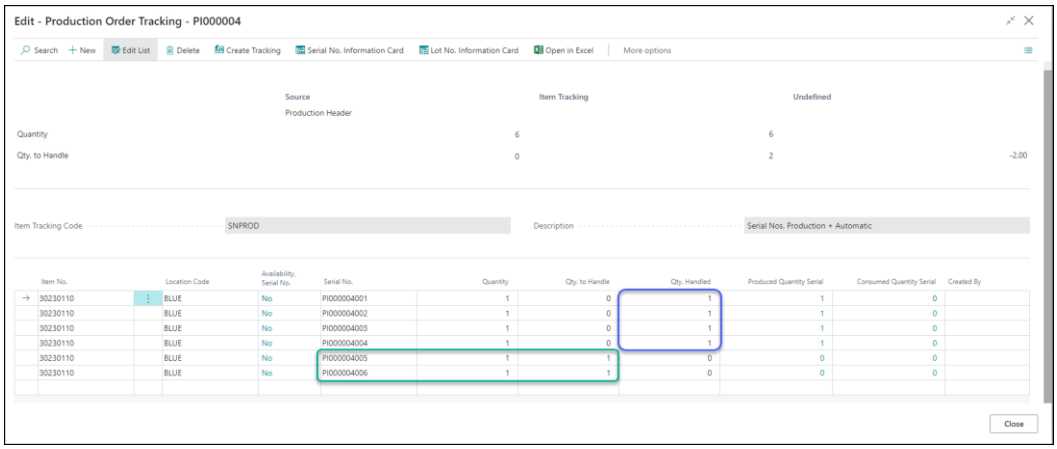


And if you would have a Production Order with *4* pieces to Finish:



And click ***Finish***, the system will create six new Serial Nos. for you, but only four will be posted.

You can see them by clicking ***Item Tracking Lines***:



And in the **Production Entries** (by clicking ***Related, Production Entries***), you see only the four **Qty. Handled**:

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As well as in the ***Item Ledger Entries*** (by clicking ***Navigate*** and drill-down on the Item Ledger Entries):

Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Location Code	Lot No.	Serial No.	Quantity	Invoiced Quantity	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)	Open
8-12-2020	Output		PI000004	30230110	Chair Poseidon with SNPROD	BLUE	_	PI000004004	1	0	1	0,00	0,00	0,00	☑
8-12-2020	Output		PI000004	30230110	Chair Poseidon with SNPROD	BLUE	_	PI000004003	1	0	1	0,00	0,00	0,00	☑
8-12-2020	Output		PI000004	30230110	Chair Poseidon with SNPROD	BLUE	_	PI000004002	1	0	1	0,00	0,00	0,00	☑
8-12-2020	Output		PI000004	30230110	Chair Poseidon with SNPROD	BLUE	_	PI000004001	1	0	1	0,00	0,00	0,00	☑

NOTE

New Serial Nos. that will be automatically created, will always be based on the fields in the **Item Tracking Code**: **Method for Serial No., Serial No. Entry No. Digits** and the **Serial Nos.** field in the **Master/Item** card.

NOTE

Applicable for all four scenarios of Finishing via the Production Order:

If the **Status** becomes *Finished,* the Production Order can also be *Closed* and *Archived* automatically based on the parameters in the Production Setup: **Close Order (or Inventory) Production Order when Finishing** and **Automatically Archive Production Orders at Close**. For details see ***White Paper – TRIMIT Setups*.**

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VIA PRODUCTION JOURNAL

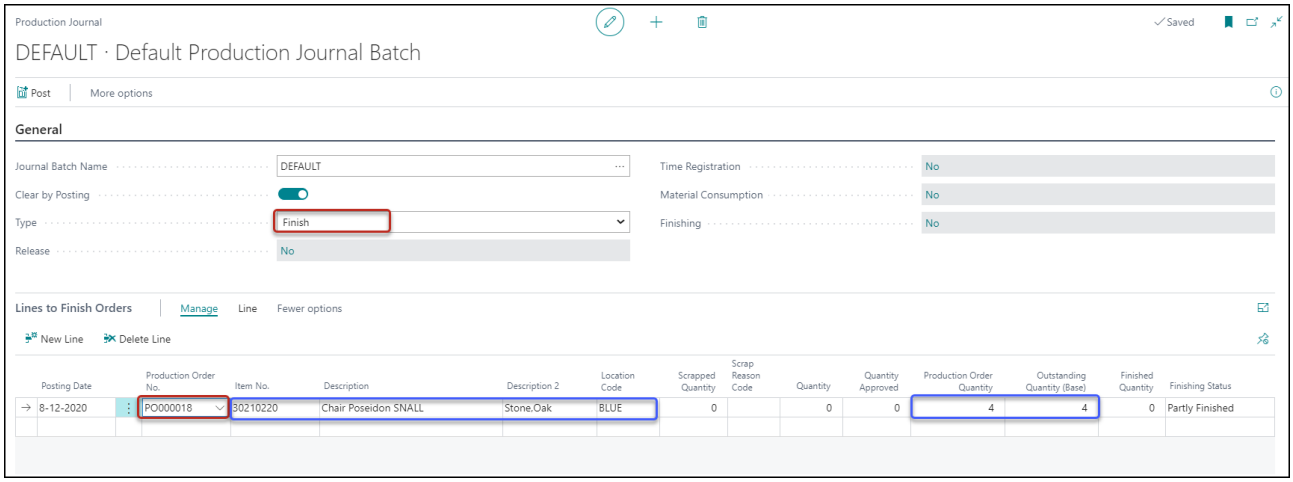
Besides posting the finishing of Production Orders via the Production Order, you are also able to do this via the **Production Journal**, in which you are also able to register **Scrapped Quantity**.

NOTE
You cannot use the **Production Journal** for posting Finishing of Production Orders if you have a **Location Code** for which you need to create an Inventory Put-away or a Warehouse Put-away; that is only possible via the Production Order itself.

WITHOUT AUTOMATIC CREATE TRACKING

Comparable with the procedure [Without Automatic Create Tracking]

You can find the **Production Journal** via **Tell me**.



After you have entered the **Type** *Finish* and the **Production Order No.**, the **Production Order Quantity** is filled with the **Quantity to Produce** of the Production Order, **Outstanding Quantity (Base)** is filled with the **Outstanding Quantity (Base)** of the Production Order and **Finished Quantity** is filled with the **Finished Quantity** of the Production Order.

Now you can enter the **Quantity** that was actually produced and that you want to report Finished.
If some of these produced quantities were Scrap, you can enter the **Scrap Quantity** and the **Scrap Reason Code.**
Based on the entered **Quantity** and the **Scrapped Quantity** the other fields will be updated:

- **Quantity Approved** will be calculated based on the **Quantity – Scrapped Quantity**.
- **Outstanding Quantity (Base)** will be calculated based on **Outstanding Quantity (Base)** – **Quantity**
- **Finished Quantity** will be calculated based on the **Finished Quantity** + **Quantity**.
- **Finishing Status** will be updated based on the **Production Order Quantity** and the **Finished Quantity.** You can change the **Finishing Status** if nothing more will be finished.

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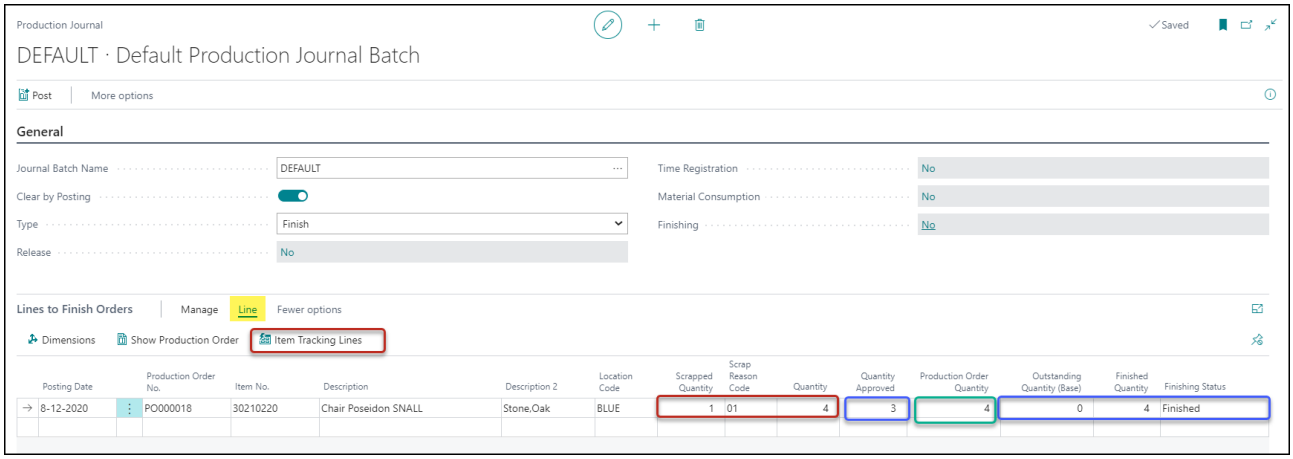
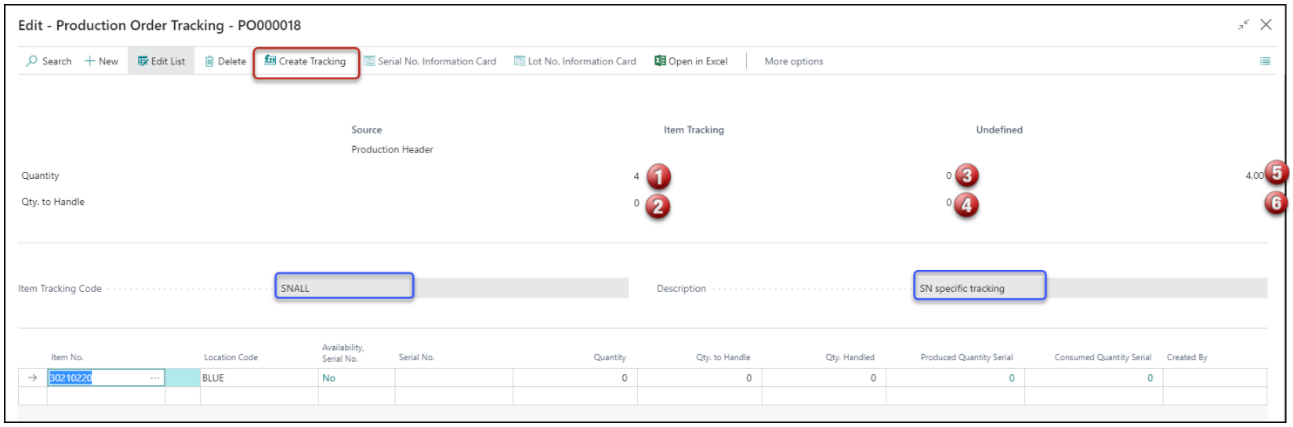
I.e.: we produced *4* pieces, from which *1* scrap.



Regardless the quantities you might have entered on the Production Journal Line, when you want to specify the Item Tracking Lines, the quantities will be taken from the Production Order itself – just as we saw when posting the Consumptions of Materials via the Production Journal.

Based on the field **Outstanding Quantity (Base)** of the Production Order, you need to specify the Item Tracking Lines by clicking ***Line, Item Tracking Lines*.**



1 = **Outstanding Quantity (Base)** or the **Quantity to Finish** from the Production Order.
The highest value of those two fields will be taken.
2 = **Quantity to Finish** from the Production Order (if you have entered that before)

The Item *30210220* of the Production Order has **Item Tracking Code** *SNALL*.
Based on the **Outstanding Quantity (Base)** (*4*), when you click ***Create Tracking*** to create the **Item Tracking Lines**, the system will automatically create *4* Serial Nos. of *1* piece.

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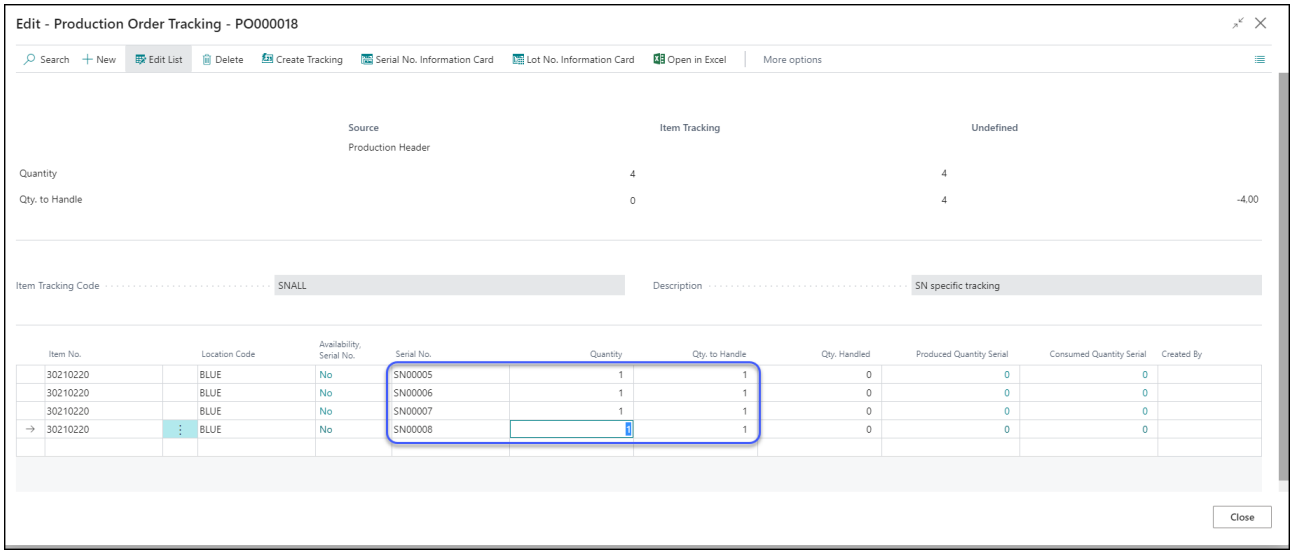


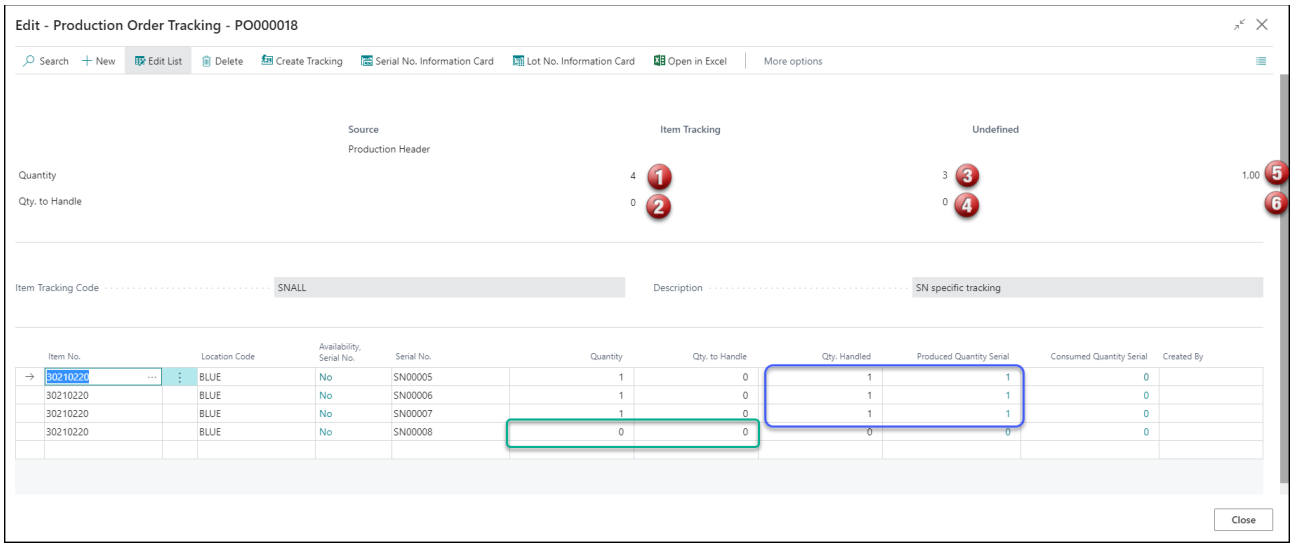
You did produce *4* pieces even though *1* piece was scrap, so nothing will be changed in the created Serial Nos.

Click **Close.**

Based on the **Qty. to Handle** of the Item Tracking Lines, also the **Quantity to Finish** in the Production Order will be updated.

Now you can click ***Post*** in the Production Journal to post the finishing.
If the total of the **Qty. to Handle** of the Item Tracking Lines and the **Finished Quantity** of the Production Journal Line do not match, you will get an error message and can't post the Production Journal.

Click **Esc** and open the Production Order *PO000018* again.
If the posting was successful, in the **Item Tracking Lines** (by clicking ***Item Tracking Lines***), you can see:



Qty. Handled on the Lines is the quantity that has been posted as finished on this Production Order *PO000018* for the Serial Nos. of the Item Tracking Lines and the quantity we entered in **Quantity Approved**.
Produced Quantity Serial on the Lines is the total quantity that has been posted as finished on all Production Orders for the Serial No. of the Item Tracking Line.

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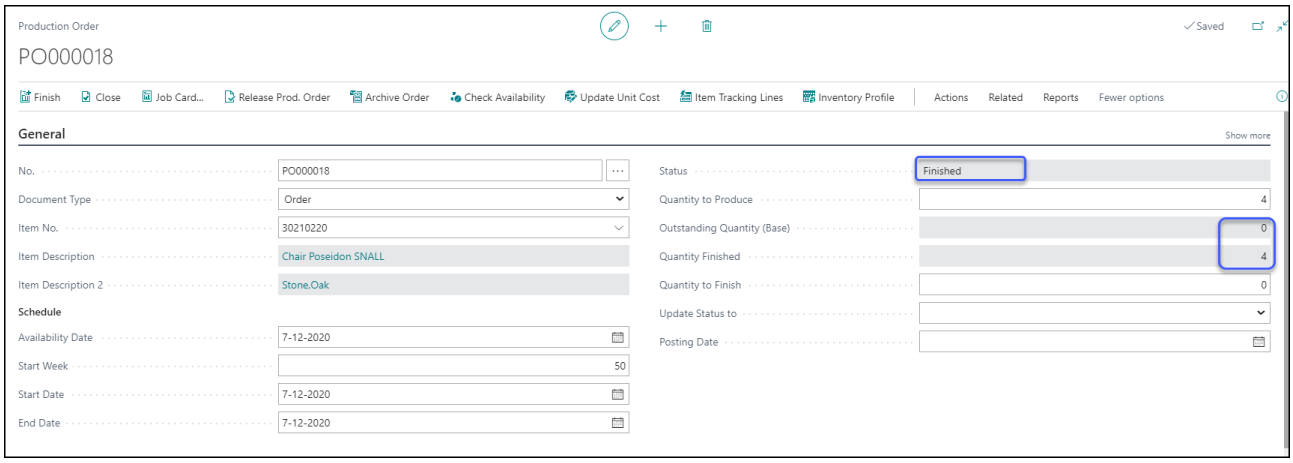
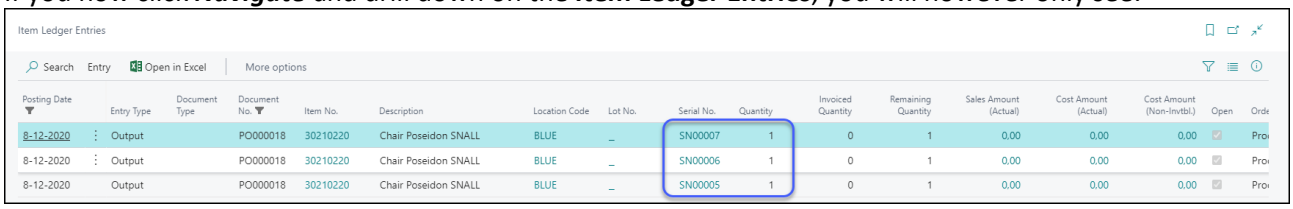
The **Scrapped Quantity** we entered on the Production Journal Line, will always be deducted from the last **Serial No.** that has been created!

If you go back to the Production Order *PO000018,* you can see that the **Quantity Finished**, **Status** and **Outstanding Quantity (Base)** now have been updated**.**



In the **Production Entries** (by clicking ***Related, Production Entries***), you see:

If you now click ***Navigate*** and drill down on the **Item Ledger Entries**, you will however only see:



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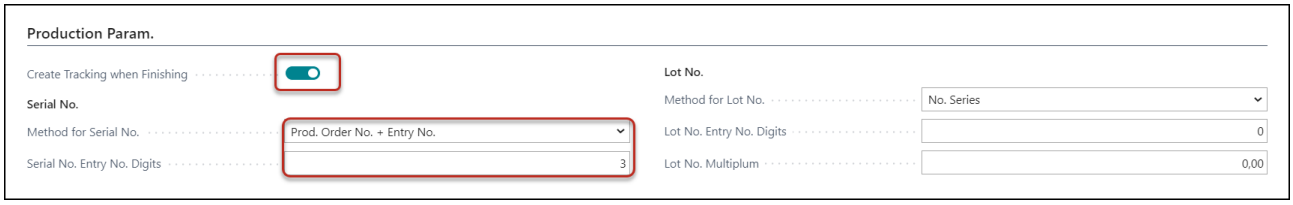
WITH AUTOMATIC CREATE TRACKING

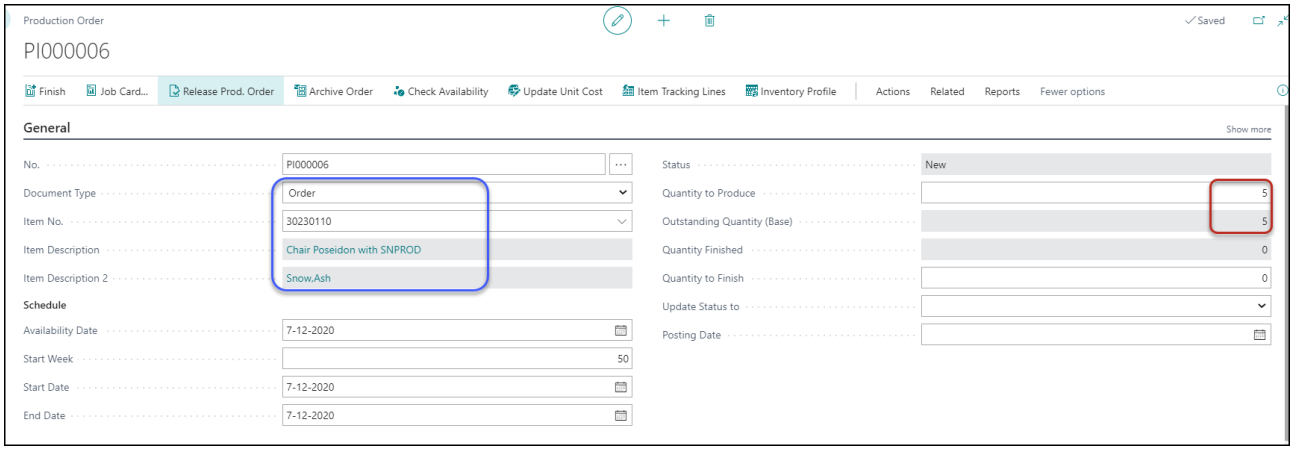
Comparable with the procedure [With Automatic Create Tracking]

If the field **Create Tracking when Finishing** in the **Item Tracking Code** of the Item you want to produce is set to *Yes*, you don't have to enter the **Item Tracking Lines** before Posting the Finishing of the Production Journal.
The system will automatically create the Serial Nos. for you.

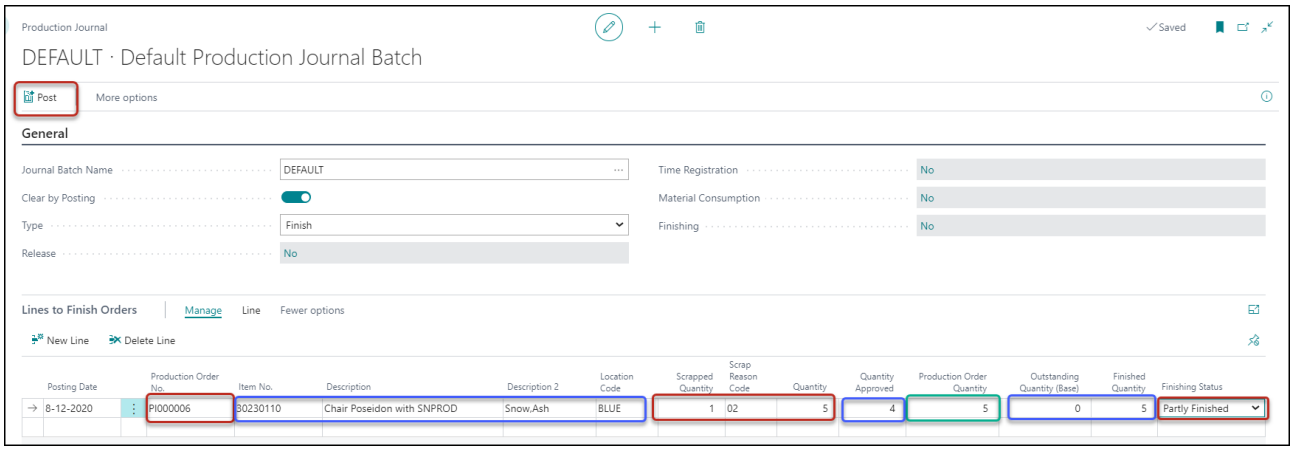
I.e. **Item Tracking Code** *SNPROD* has the fields:



And if you would have a Production Order with *5* pieces to Finish:



And if you would enter the Production Journal:



And simply click ***Post.***

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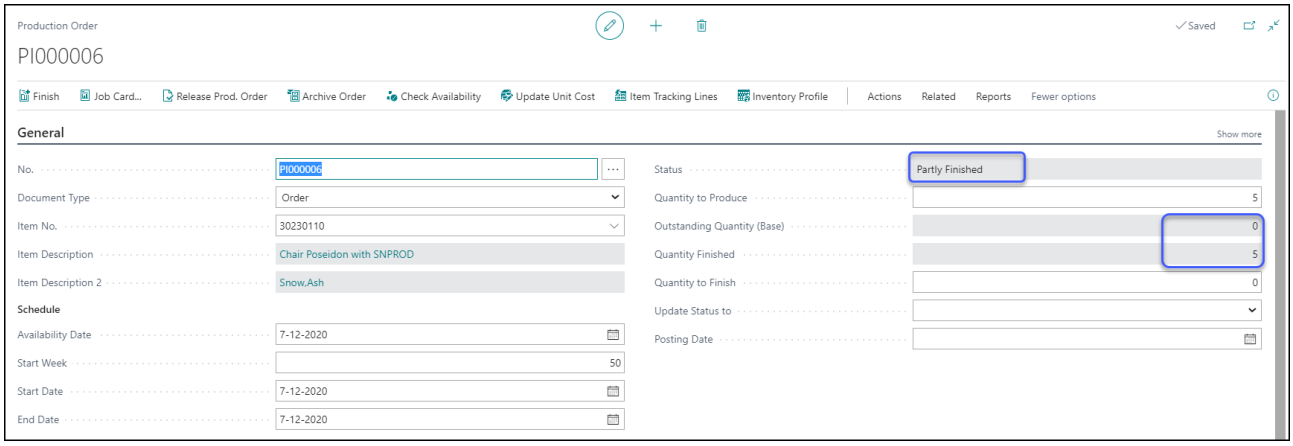
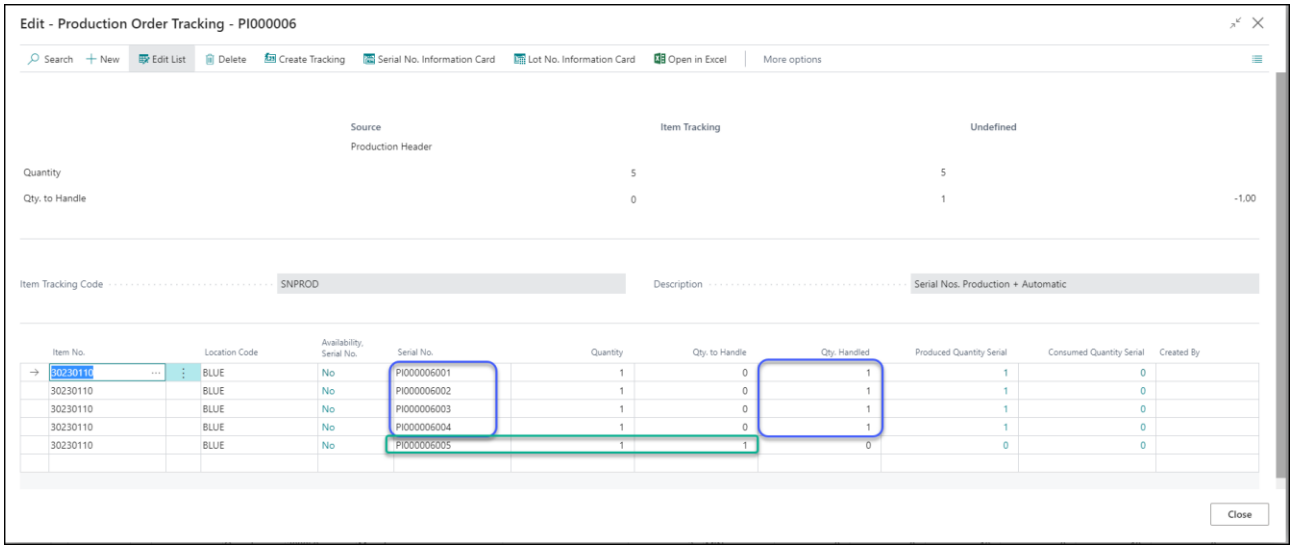
The result will become as follows, as the system will create the applicable Serial Nos. automatically:

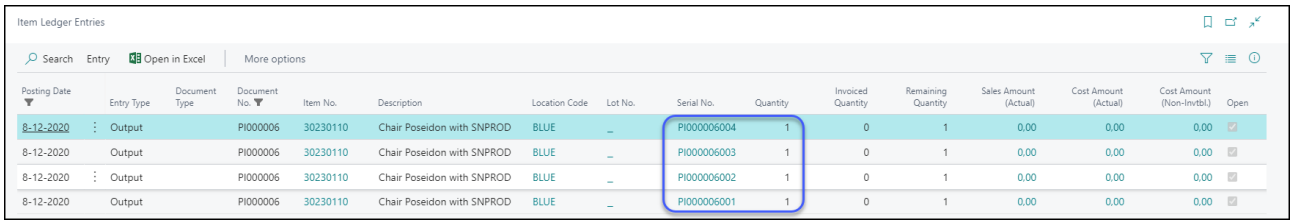


You can see them by clicking ***Item Tracking Lines***:



And in the **Production Entries** (by clicking ***Related, Production Entries***), you see only the four **Qty. Handled**, but also the **Scrapped Quantity**:

But in the ***Item Ledger Entries*** (by clicking ***Navigate*** and drill down on the Item Ledger Entries), you only see the **Qty. Handled**:



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NOTE

If you register **Scrapped Quantity**, it will be included in the **Quantity Finished** on the Production Order and will get its own entry in the **Production Entries**.

It will never be included in the actual Serial Nos. that could be used for shipping to the customer and it will always be deducted from the last **Serial No.** that was created.

NOTE

Applicable for all four scenarios of Finishing via the Production Journal:

If the **Status** becomes *Finished,* the Production Order can also be *Closed* and *Archived* automatically based on the parameters in the Production Setup: **Close Order (or Inventory) Production Order when Finishing** and **Automatically Archive Production Orders at Close**. For details see ***White Paper – TRIMIT Setups*.**

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EXTRA DATA

NO.SERIES

SELECT - NO. SERIES LIST

Code	Description	Starting No.	Ending No.	Last Date Used	Last No. Used	Default Nos.	Manual Nos.	Date Order
JOB	JOB	J00010	J99990			☑	☑	☐
JOB-WIP	Job-WIP	WIP0000001	WIP9999999			☑	☑	☐
LOT	Lot Numbering	LOT0001	LOT9999	6-9-2020	LOT0020	☑	☑	☐
LOT-G	Lot Nos. Garments/Finished Products	LOT-G00001	LOT-G99999			☑	☑	☐
MACHCTR	Machine Centers	M00010	M99990			☑	☑	☐
M-FIRMP	Firm Planned orders	101001	102999			☑	☐	☐

INVENTORY SETUP

Warehouse

Use Warehouse Functionality: ☑

Require Pick Production: ☑

Warehouse Shipment/Receipt creation per ...: Per Order/Location

ITEM TRACKING CODE

LOTALL-10

Item Tracking Code Card

LOTALL-10 · Lot specific tracking with Multiplum 10

General

Code: LOTALL-10

Description: Lot specific tracking with Multiplum 10

Serial No.

Lot No.

General

Lot Specific Tracking: ☑

Inbound

Lot No. Info. Must Exist: ☐

Lot Purchase Tracking: ☑

Lot Sales Tracking: ☑

Lot Positive Adjmt. Tracking: ☑

Lot Negative Adjmt. Tracking: ☑

Lot Assembly Tracking: ☑

Lot Manufacturing Tracking: ☑

Lot Warehouse Tracking: ☐

Lot Transfer Tracking: ☑

Outbound

Lot No. Info. Must Exist: ☐

Lot Purchase Tracking: ☑

Lot Sales Tracking: ☑

Lot Positive Adjmt. Tracking: ☑

Lot Negative Adjmt. Tracking: ☑

Lot Assembly Tracking: ☑

Lot Manufacturing Tracking: ☑

Production Param.

Create Tracking when Finishing: ☐

Serial No.

Method for Serial No.: No. Series

Serial No. Entry No. Digits: 0

Lot No.

Method for Lot No.: No. Series

Lot No. Entry No. Digits: 0

Lot No. Multiplum: 10,00

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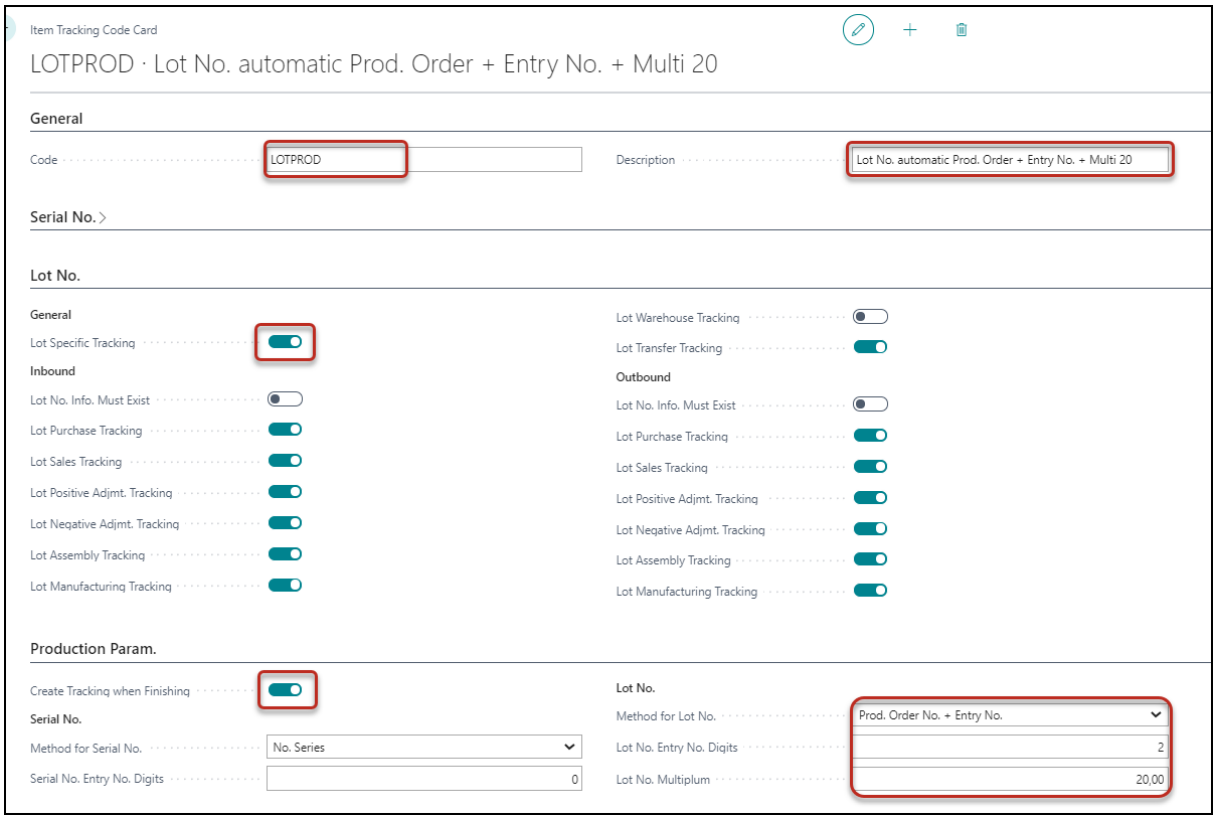
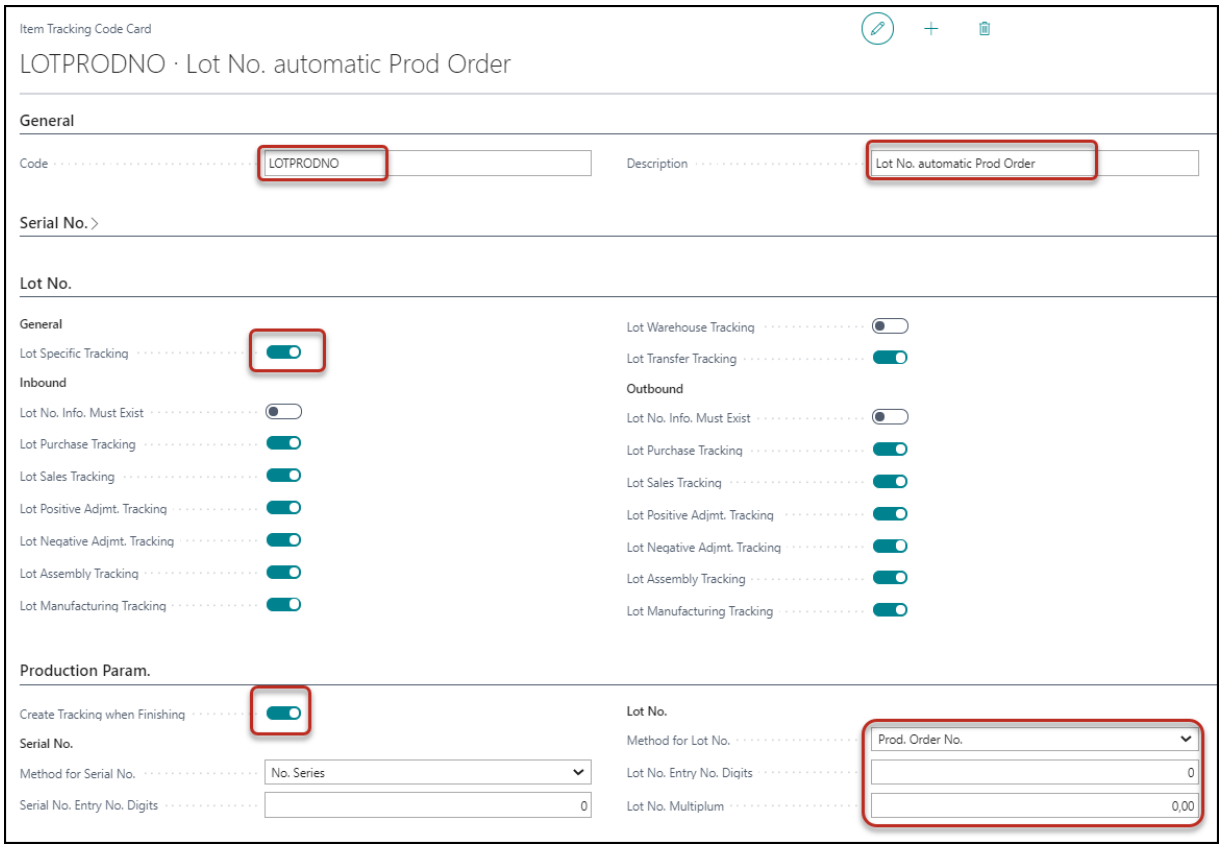
LOTPROD



LOTPRODNO



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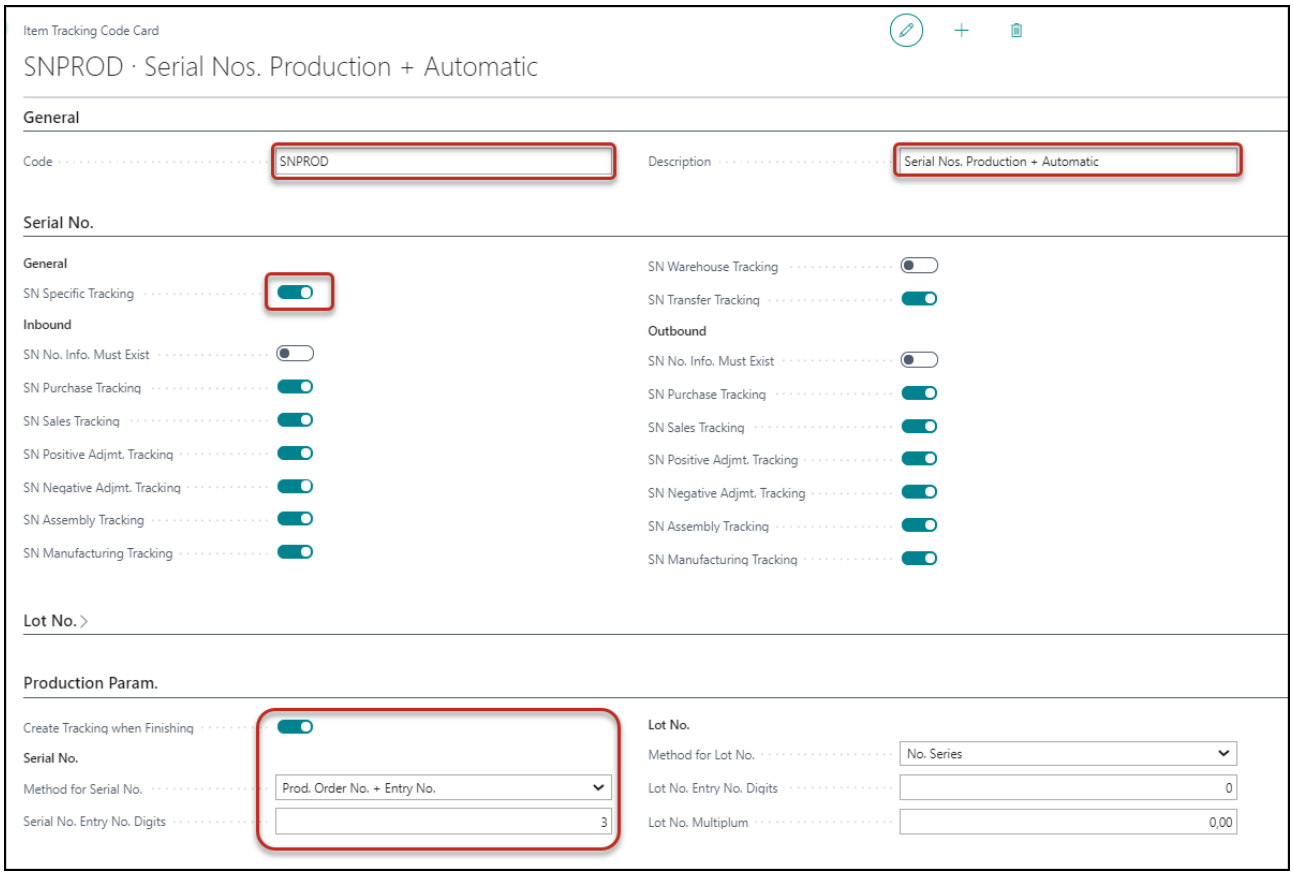
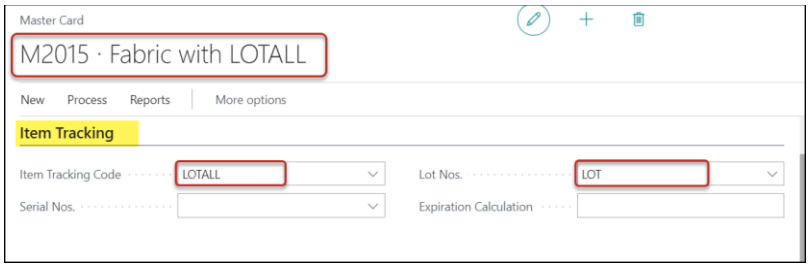
SNPROD



MASTERS

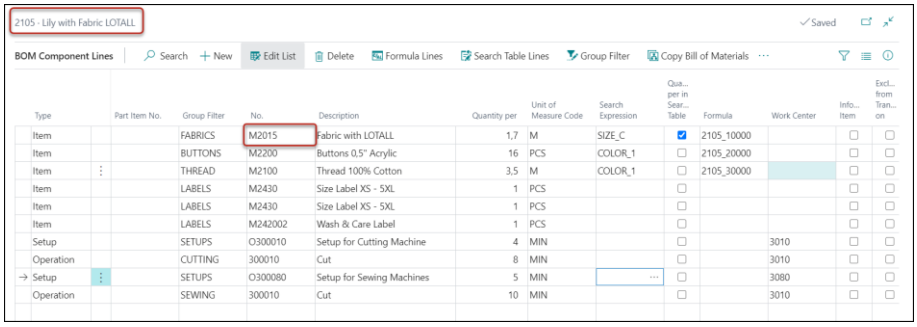
M2015

Copy of Master M2010 with following changes:



2105

Copy of Master 2100 with following changes:



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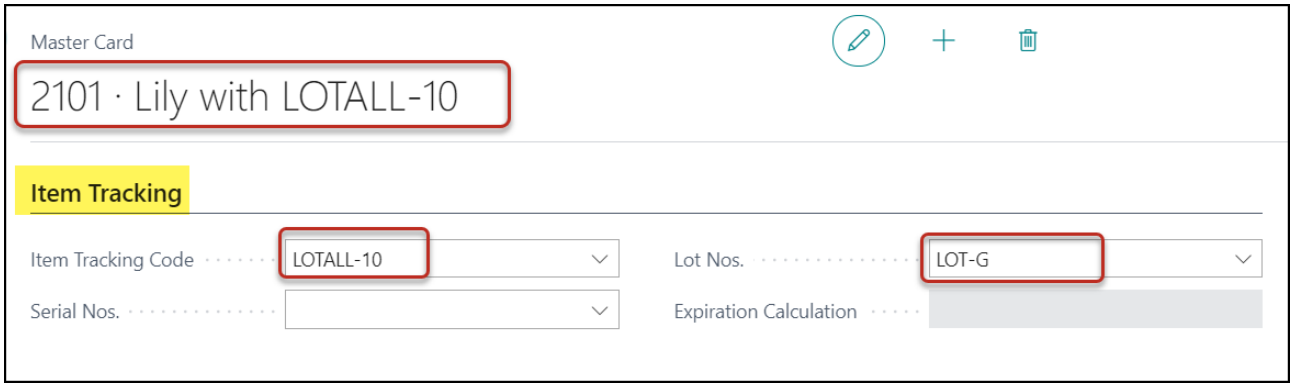
2101

Copy of Master 2100 with the following changes:



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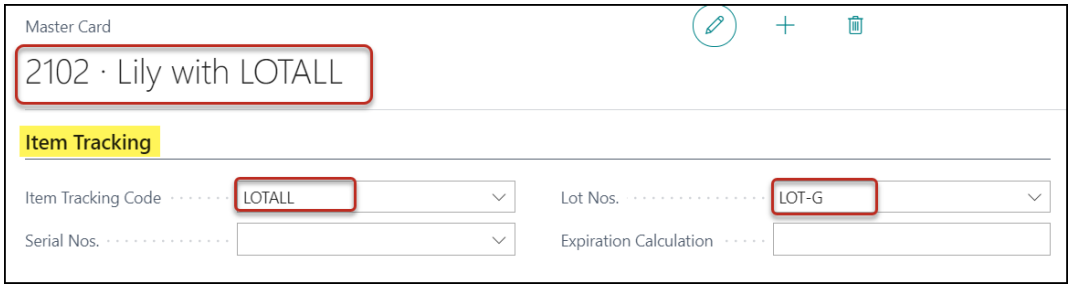
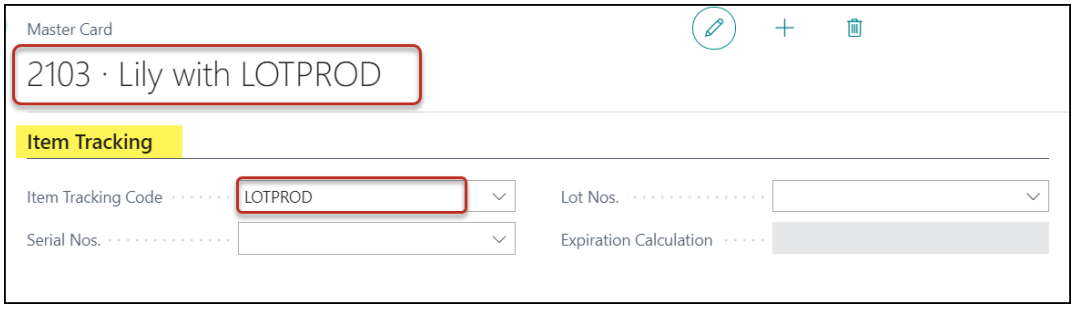
2102

Copy of Master 2100 with the following changes:



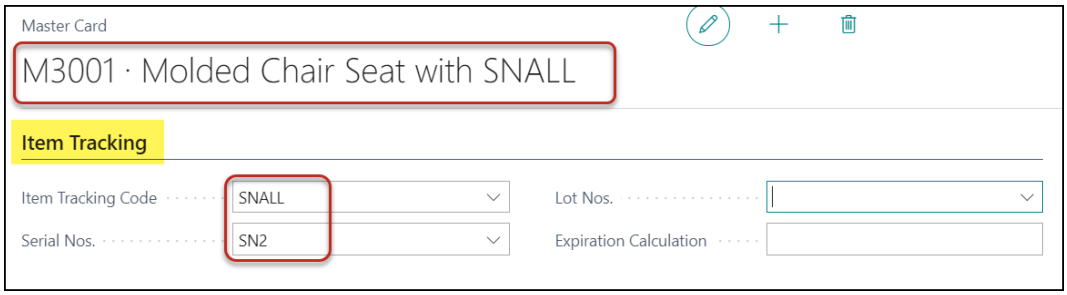
2103

Copy of Master 2100 with the following changes:



M3001

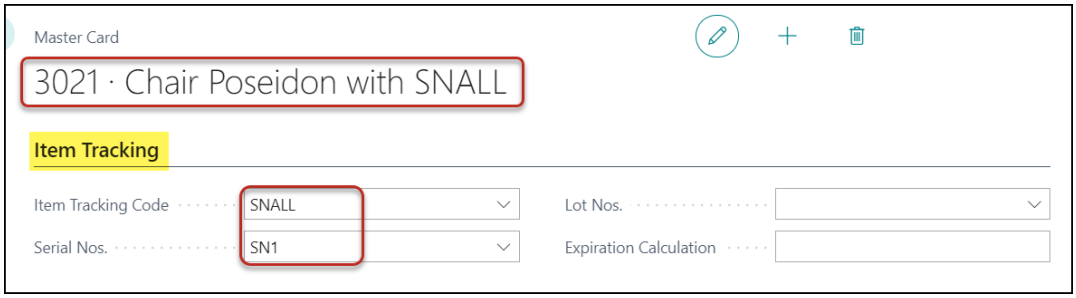
Copy of Master M3000 with the following changes:



And after the copy, **Create Items**.

3021

Copy of Master 3020 with the following changes:



And after the copy of the Master:

- **Finishing Method Related Order** = *Manually before Shipment*
- **Create Items**.

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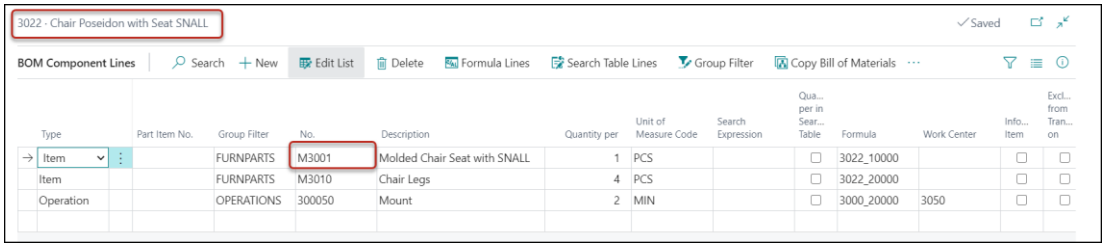
3022

Copy of Master 3020 with the following change in the BOM:

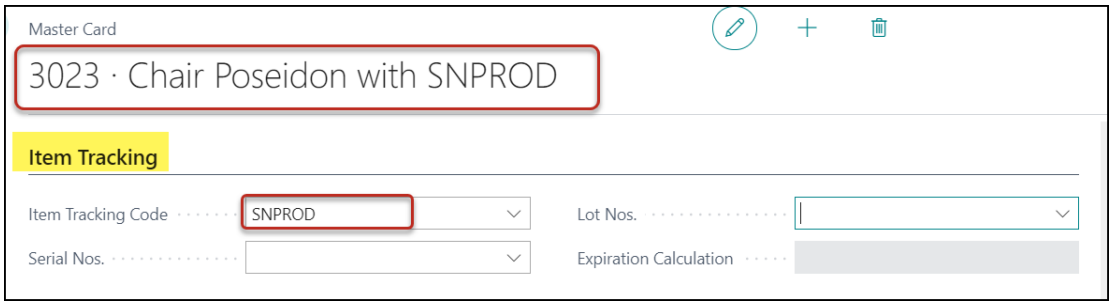


And after the copy of the Master:

- **Finishing Method Related Order** = *Manually before Shipment*
- **Create Items**.

3023

Copy of Master 3020 with the following changes:

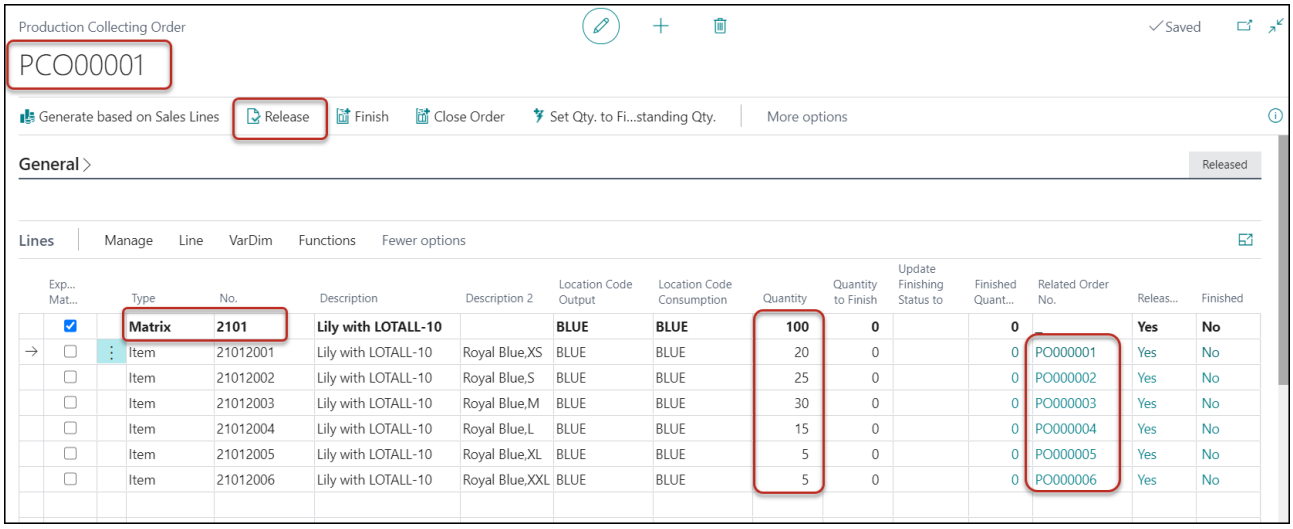


And after the copy of the Master:

- **Finishing Method Related Order** = *Manually before Shipment*
- **Create Items**.

PRODUCTION COLLECTING ORDERS

FOR 2101



Create all Related Orders and Release the Production Collecting Order.

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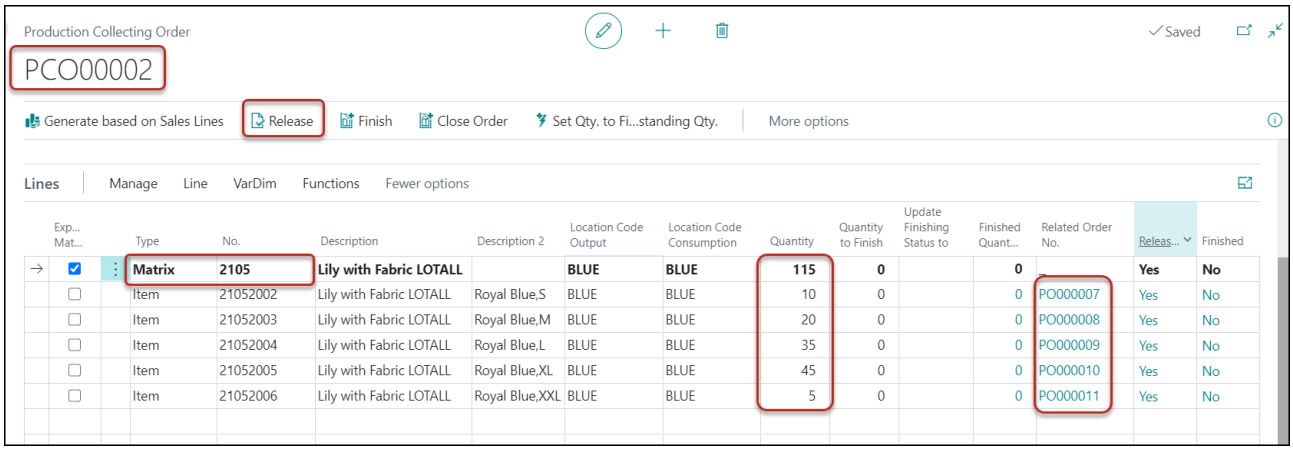
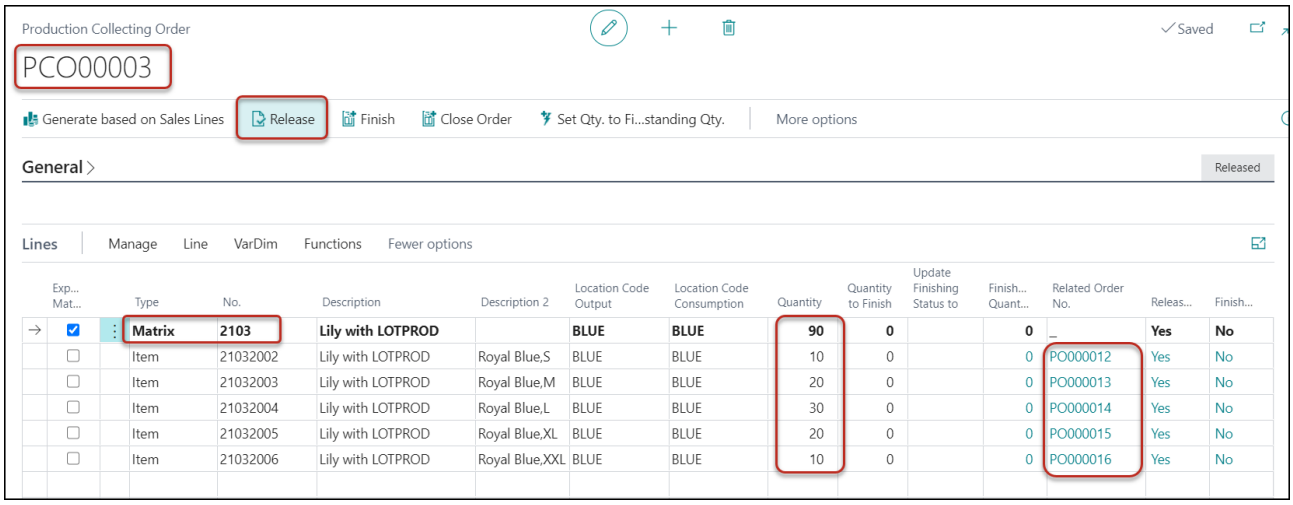
FOR 2105



Exp... Mat...	Type	No.	Description	Description 2	Location Code Output	Location Code Consumption	Quantity	Quantity to Finish	Update Finishing Status to	Finished Quant...	Related Order No.	Releas...	Finished
☑	Matrix	2105	Lily with Fabric LOTALL		BLUE	BLUE	115	0		0		Yes	No
☐	Item	21052002	Lily with Fabric LOTALL	Royal Blue,S	BLUE	BLUE	10	0		0	PO000007	Yes	No
☐	Item	21052003	Lily with Fabric LOTALL	Royal Blue,M	BLUE	BLUE	20	0		0	PO000008	Yes	No
☐	Item	21052004	Lily with Fabric LOTALL	Royal Blue,L	BLUE	BLUE	35	0		0	PO000009	Yes	No
☐	Item	21052005	Lily with Fabric LOTALL	Royal Blue,XL	BLUE	BLUE	45	0		0	PO000010	Yes	No
☐	Item	21052006	Lily with Fabric LOTALL	Royal Blue,XXL	BLUE	BLUE	5	0		0	PO000011	Yes	No

Create all Related Orders and Release the Production Collecting Order.

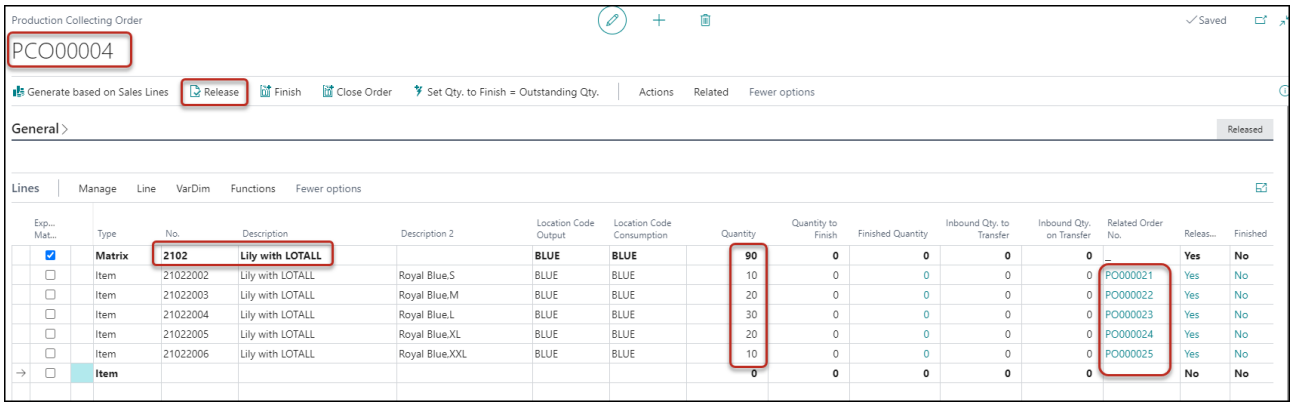
FOR 2103



Exp... Mat...	Type	No.	Description	Description 2	Location Code Output	Location Code Consumption	Quantity	Quantity to Finish	Update Finishing Status to	Finish... Quant...	Related Order No.	Releas...	Finish...
☑	Matrix	2103	Lily with LOTPROD		BLUE	BLUE	90	0		0		Yes	No
☐	Item	21032002	Lily with LOTPROD	Royal Blue,S	BLUE	BLUE	10	0		0	PO000012	Yes	No
☐	Item	21032003	Lily with LOTPROD	Royal Blue,M	BLUE	BLUE	20	0		0	PO000013	Yes	No
☐	Item	21032004	Lily with LOTPROD	Royal Blue,L	BLUE	BLUE	30	0		0	PO000014	Yes	No
☐	Item	21032005	Lily with LOTPROD	Royal Blue,XL	BLUE	BLUE	20	0		0	PO000015	Yes	No
☐	Item	21032006	Lily with LOTPROD	Royal Blue,XXL	BLUE	BLUE	10	0		0	PO000016	Yes	No

Create all Related Orders and Release the Production Collecting Order.

FOR 2102



Exp... Mat...	Type	No.	Description	Description 2	Location Code Output	Location Code Consumption	Quantity	Quantity to Finish	Finished Quantity	Inbound Qty. to Transfer	Inbound Qty. on Transfer	Related Order No.	Releas...	Finished
☑	Matrix	2102	Lily with LOTALL		BLUE	BLUE	90	0	0	0	0		Yes	No
☐	Item	21022002	Lily with LOTALL	Royal Blue,S	BLUE	BLUE	10	0	0	0	0	PO000021	Yes	No
☐	Item	21022003	Lily with LOTALL	Royal Blue,M	BLUE	BLUE	20	0	0	0	0	PO000022	Yes	No
☐	Item	21022004	Lily with LOTALL	Royal Blue,L	BLUE	BLUE	30	0	0	0	0	PO000023	Yes	No
☐	Item	21022005	Lily with LOTALL	Royal Blue,XL	BLUE	BLUE	20	0	0	0	0	PO000024	Yes	No
☐	Item	21022006	Lily with LOTALL	Royal Blue,XXL	BLUE	BLUE	10	0	0	0	0	PO000025	Yes	No
☐	Item						0	0	0	0	0		No	No

Create all Related Orders and Release the Production Collecting Order.

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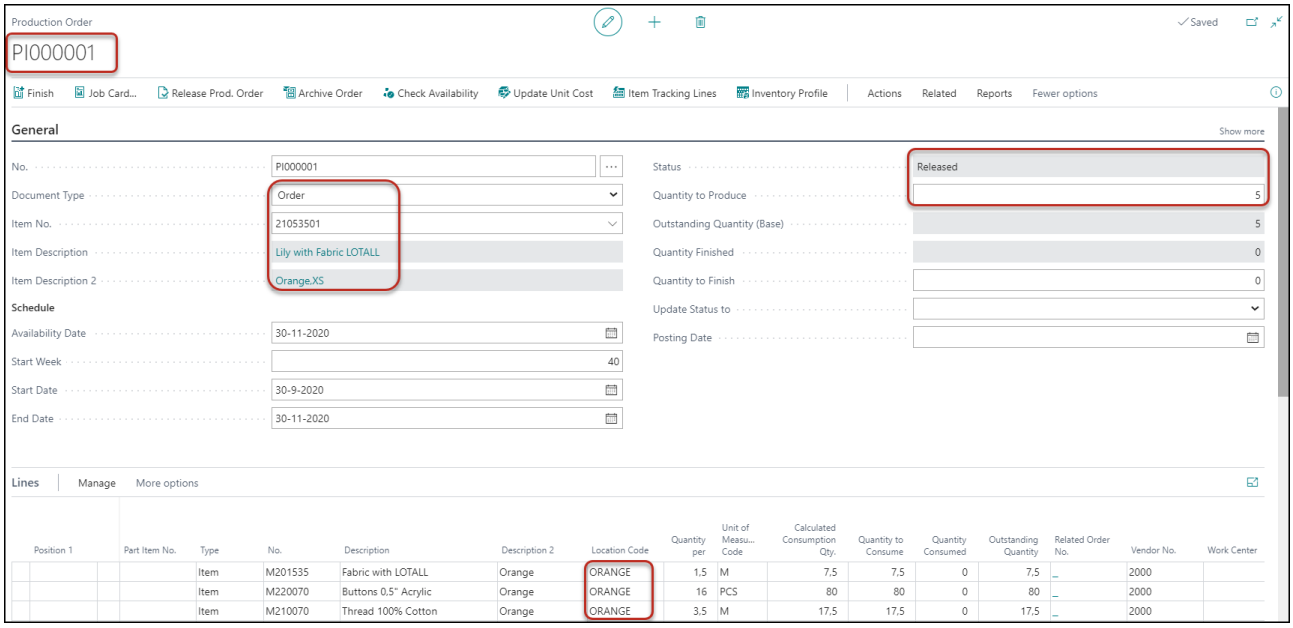
PRODUCTION ORDERS

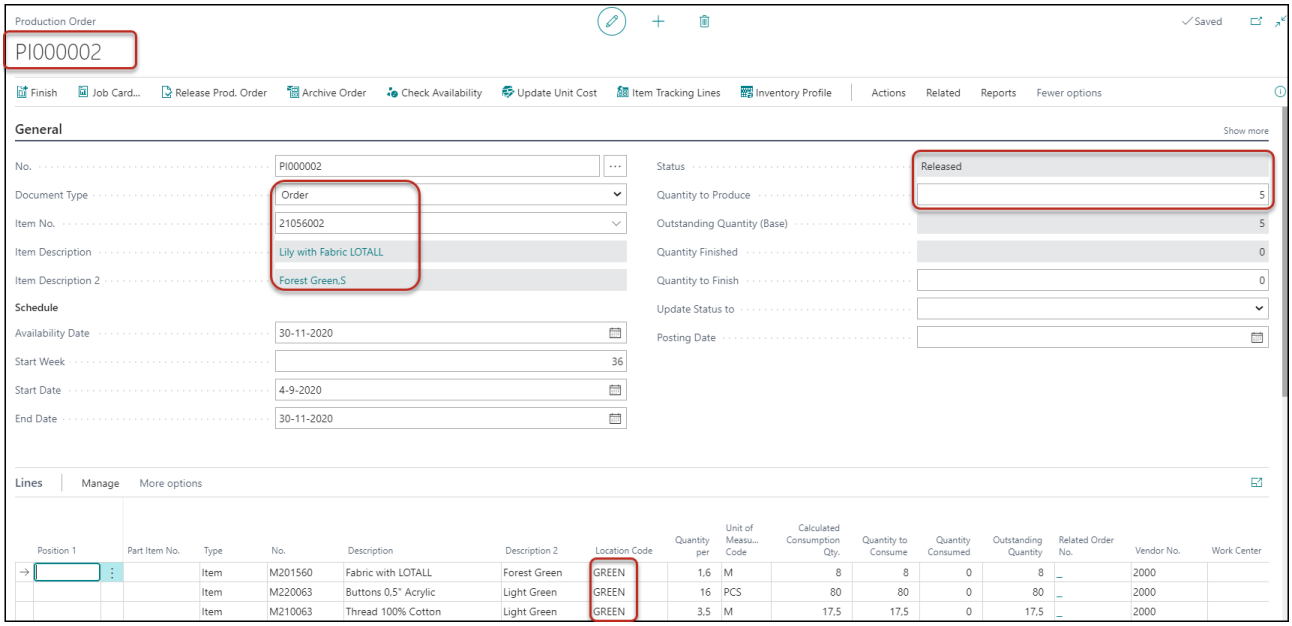
5 X 21053501 WITH LOCATION ORANGE

Production Order with *5 x 21053501* on Location *ORANGE*, that has been released.



5 X 21056002 WITH LOCATION GREEN

Production Order with *5 x 21056002* on Location *GREEN*, that has been released.



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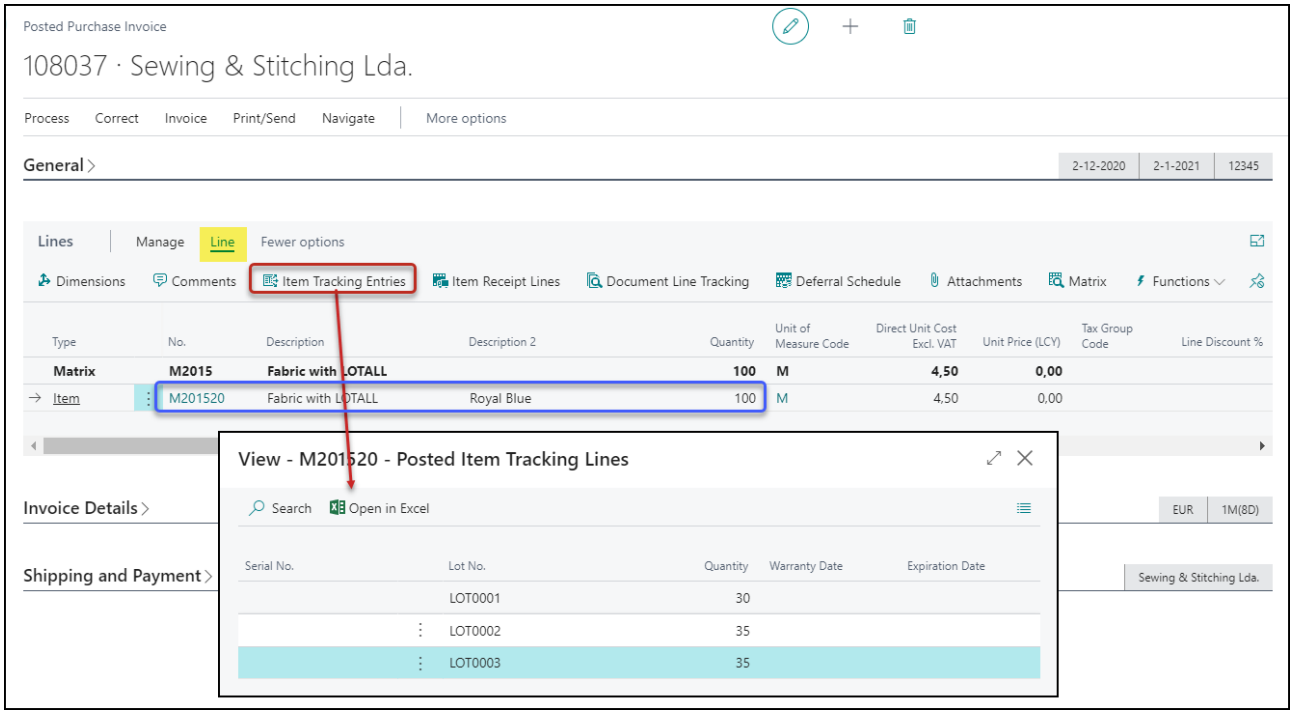
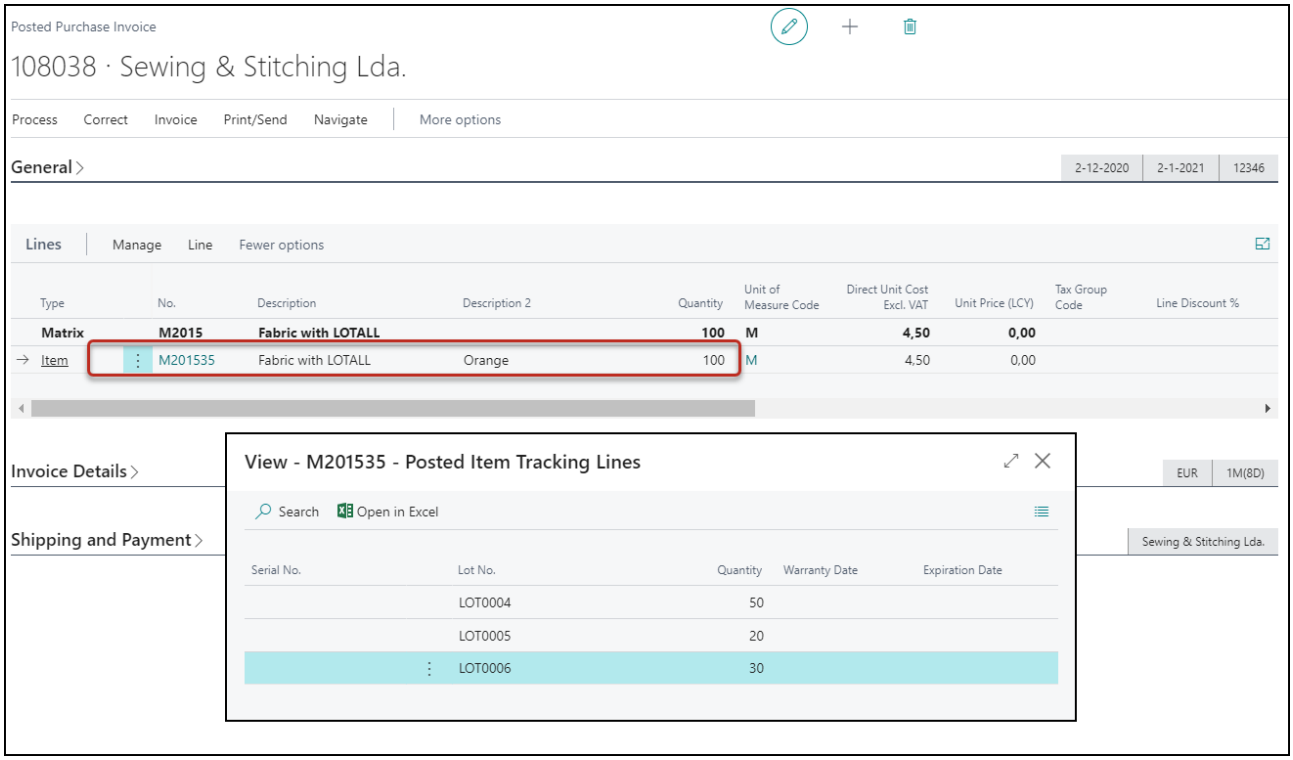
PUCHASE ORDERS

M201520 INCL. RECEIPT AND INVOICE POSTING, LOCATION BLUE



Before posting the **Receipt & Invoice**, the following **Item Tracking Lines** have been added to the Item Lines of the Purchase Order.

M201535 INCL. RECEIPT AND INVOICE POSTING, LOCATION ORANGE



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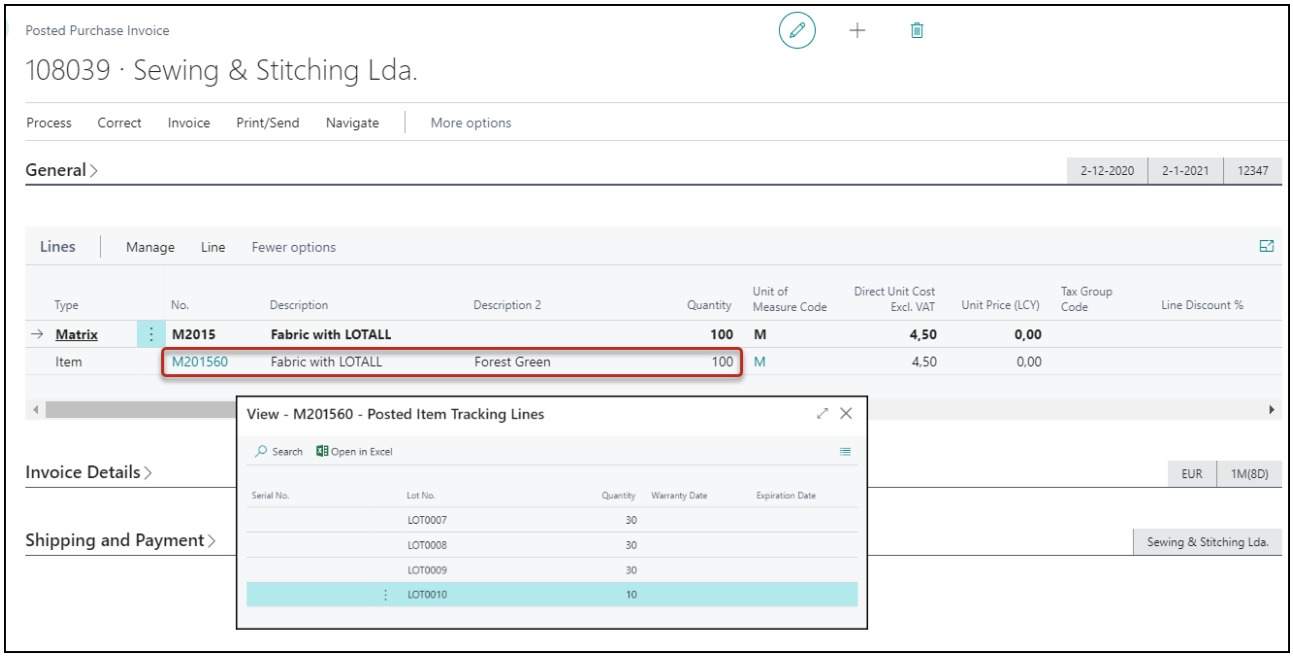
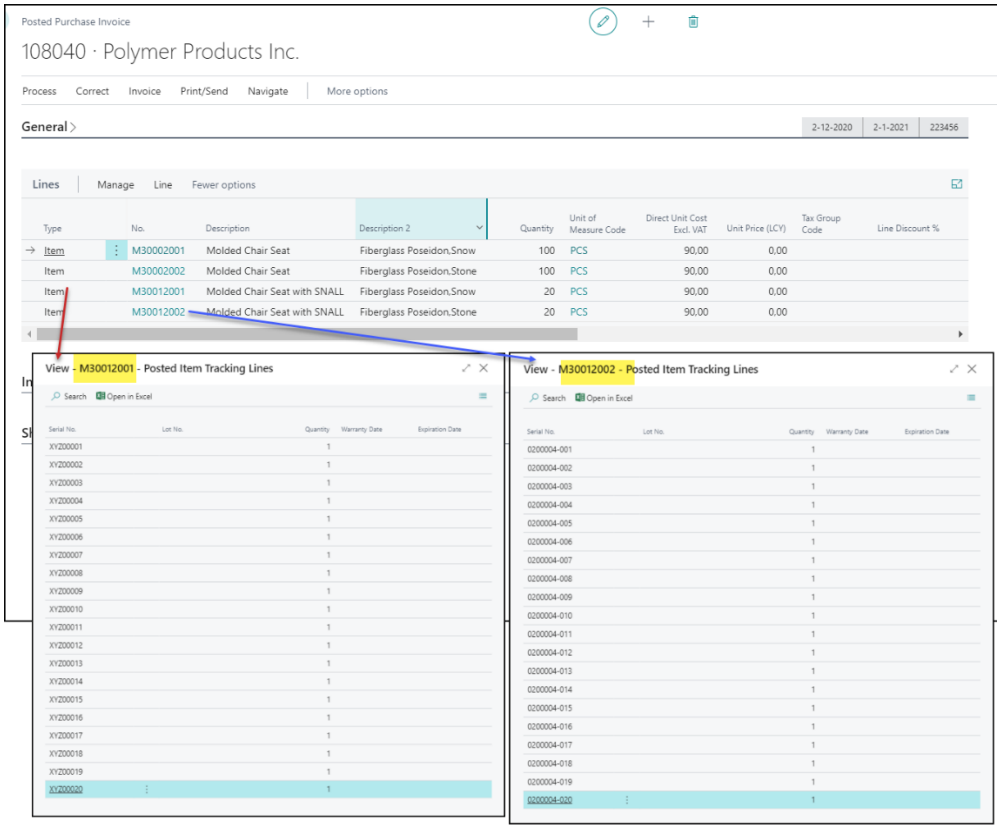
M201560 INCL. WAREHOUS RECEIPT, WAREHOUSE PUT-AWAY, INVOICE POSTING, LOCATION GREEN



M3000* INCL. RECEIPT AND INVOICE POSTING, LOCATION BLUE



For **M30012001** the Serial Nos. XYZ00001 – XYZ00020 have been created

For **M30012002** the Serial Nos. 0200004-0001 to 0200004-0020 have been created

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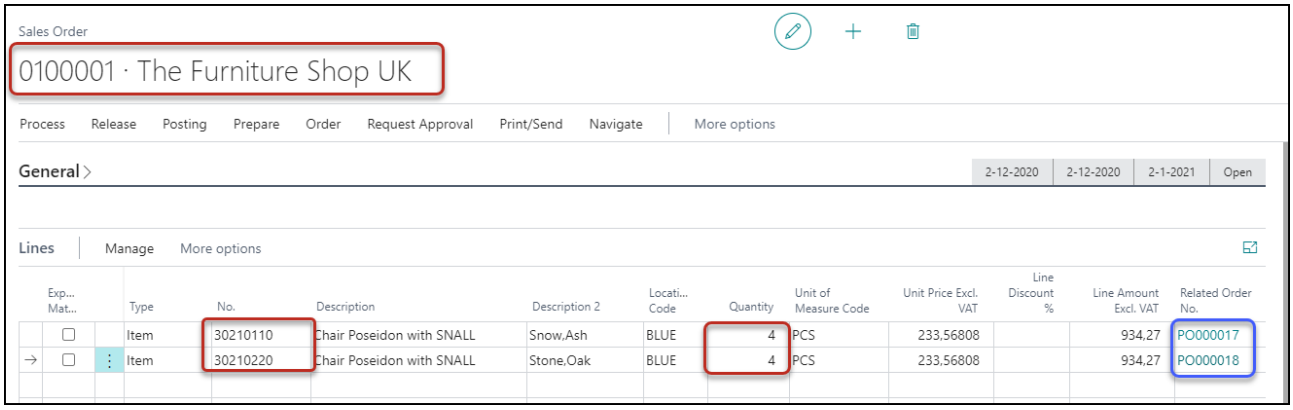
SALES ORDERS

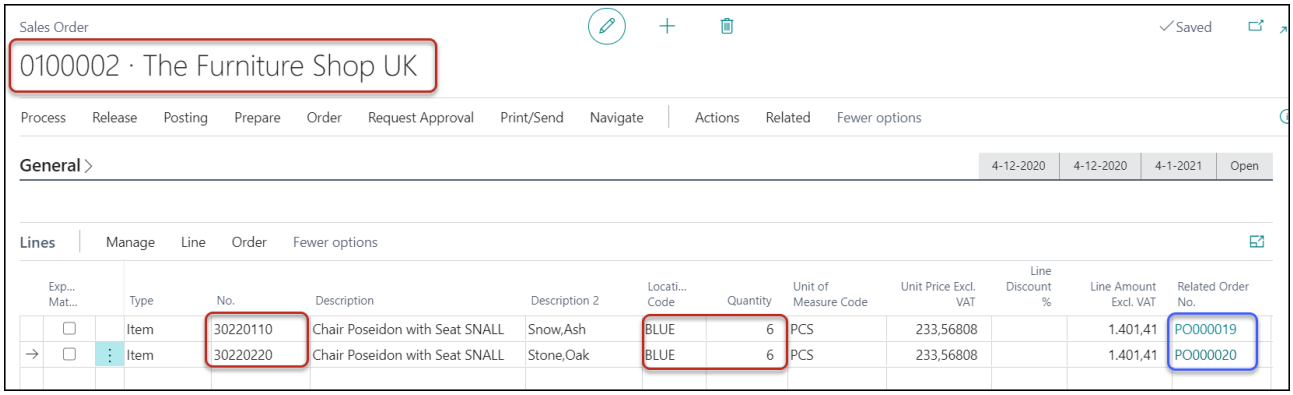
FOR 3021

Customer *3000,* Location Code *BLUE*



FOR 3022

Customer *3000,* Location Code *BLUE*



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