

BEAS MANUFACTURING

# 2022.11 RELEASE NOTES

NOV 2022

# 2022.11 Highlights

## Calculation

- Batch calculation improvements for version 2022.11

## Usability

- Maintenance plans: Duplicate function for Maintenance master data header and Maintenance plan details is available
- QC orders – « Remove » function is available
- Time receipt window: Additional UDFs (5-15) are available

# Calculation

## Batch calculation results displayed in Inventory UoM

### NEW:

1. Batch Calculation is based on Production UoM and lot size, but all prices are transferred according to Inventory unit, because when moved to Price lists or converted to Calculation prices, they must be in inventory units.

2. Item master data – Calculation:

For better understanding, we now show the Unit for the calculated price.

3. If there is any inconsistency in the Lot Size for calculation, e.g. the quantity was imported within an item import, Beas will calculate the correct lot size for the calculation.

Item master data for TFS-83673-B

Master Data | Bill of Materials | Routing | Configurator | Quality control

Item number: TFS-83673-B | I-Version: [dropdown] | Warehouse: [dropdown]  
 Description: Test with spec weight | Sales Item: [dropdown]  
 Desc. in foreign lang.: a | Purchased price: [dropdown]  
 Item type: Item | Fixed assets: [dropdown]  
 Item group: Items | Barcode: [input]  
 UoM Group: Manual

General | Purchasing data | Sales data | Inventory data | Batch | Planning data | Calculation

Calculation schema: Std  
 Lot Size / Calculation: 100,000000 m  
 Calculation price: 74,426042 / KG  
 Last Purchase Price: 0,000000  
 Last movement: [input]

Last Calculation | Detail | Chart MargCosts

Last Calculation: 11.11.2022 09:57:59  
 Calculation: 11 | TFS-83673  
 Type: Valuation  
 Description: [input]

Item master data for TFS-83673-C

Master Data | Bill of Materials | Routing | Configurator | Quality control

Item number: TFS-83673-C | I-Version: [dropdown] | Warehouse: [dropdown]  
 Description: Test with spec weight | Sales Item: [dropdown]  
 Desc. in foreign lang.: a | Purchased price: [dropdown]  
 Item type: Item | Fixed assets: [dropdown]  
 Item group: Items | Barcode: [input]  
 UoM Group: Manual

General | Purchasing data | Sales data | Inventory data | Batch | Planning data | Calculation

Calculation schema: Std  
 Lot Size / Calculation: 44,444 KG  
 Calculation price: 74,426042  
 Last Purchase Price: 0,000000  
 Last movement: [input]  
 Last valuated Price: 0,000000  
 Last Valuation: [input]  
 Average price: 0,000000

Last Calculation | Detail | Chart MargCosts | Calculation

Last Calculation: 16.11.2022 09:43:06

Unit	Quantity	Origin
m	0,000000	Production UoM
KG	44,444444	Inventory UoM

One st

Marginal Cost

Direct Material Costs	0,000000
L+M costs	35,781752
Production Price	36,855204

# Calculation

## Batch calculation - additional improvements

### NEW:

Depending on the Extended setting "Precalculation save" for the batch calculation, a click on the **Detail** (2) button opens the precalculation (3) or the schema view (4)

The screenshot displays the SAP interface for batch calculation. The top window, titled "Batch calculation 11", shows a table of results with columns for Number, Date, Info, For item view, and For standard costs. A red box highlights the "For standard costs" column, with a red circle and the number "1" next to it.

Below this is a table with columns: #, Date, Schema, Item, Description, Remark, Description, Material MargCosts, Material Full Costs, duction MargCosts, duction Full Costs, cturing MargCosts, nufacturing Full Costs. A red box highlights the "Detail" button at the bottom right, with a red circle and the number "2" next to it.

The bottom window, titled "Precalculation No.: 2328", shows a list of items with columns for Marginal Cost, Description, Quantity, Use, Cost, DMC, and T/Min. A red circle and the number "3" is next to the "Detail" button in the top right corner of this window.

To the right of the precalculation window is a "Precalculation View Schema" window, with a red circle and the number "4" next to its title bar. It displays a table with columns for Description and Marginal Cost, showing various cost components and their values.

# Calculation

## Batch calculation - additional improvements

### View calculation results in Inventory UoM:

1. Double-click the golden arrow left of the Lot size field
2. The Calculation master data window opens
3. Change the value of **Calculation master data** > **Valuation** > **"Lot size/Production"** field from Production UoM to Inventory UoM.

**Batch calculation 5**

Number	Date	Info	For item view	For standard costs
250	23.11.22 16:32	new test	<input type="checkbox"/>	<input type="checkbox"/>
249	23.11.22 13:09	new test	<input type="checkbox"/>	<input type="checkbox"/>
248	23.11.22 12:49	new test	<input type="checkbox"/>	<input type="checkbox"/>

**Precalculation No.: 519**

Processing View Functions

Open Insert item New Assembly New Material Create Operation Cut Duplicate Insert Remove Calculate

1. 1.00 I Marginal Cost

2. Calculation

Master Data Calculation Item Result

Doc. no. 519 /

Item batch\_pricetest

I-Version 001 Revision 0

Variant A

Configuration 0

Project Valuation

Calculation schema

Material valuation Last Purchase Price

Material valuation 2 No

Special price list

Consider Blanket agreements

Always Determine Current Material Prices

One step

Weight Manual

Cut-Off Warehouse Scrap rate %

Scale calculation 1 2 3 4

Lot Size / Calculation	1	2	3	4
Cut-Off Quantity	1.00	0.00	0.00	0.00
Cut-Off Quantity		0.000	0.000	0.000
Sales Price	0.00	0.00	0.00	0.00

3. Unit Origin

I	Production UoM
I	Inventory UoM

OK Cancel Price List

# Usability

## Quality Control: Delete QC Orders

**NEW functionality:** Now you can delete existing QC Orders. This functionality is only valid if no measurements are created and there are no released positions inside the order.

QC Order E2218/0-1

Documents    Input per Sample    Input by test    Transfer    Activities

QC Order	E2218/0-1	Document	
Item	781-A	Description	Assembly
Drawing number	znr1	I-Version	2
Creation Date	10.12.19 15:43	Quantity	
QC Inspection plan	S001	Origin	2218/1
Business partner	C40001	Earthshaker Corp.	
Project		Branch	
Item Info		Info	

Remove  
Change log  
Document Open  
Last Messages

Open (Transfer) 23  
Good (Transfer) 0  
Rejected (Transfer) 0

Window: *qs\_qlsfthaupt\_edit.psr*

# Usability

## Production Time receipt window:

### NEW functionality:

Now the Time receipt window allows to fill information into UDFs 5 to 15.

In the previous versions only UDFs 1 to 4 were available.

The fields are not visible in the window. The user can create textboxes and link with those fields or assign them via BeasScript:

```
dw_1.item.udf5.value=prueba
message=<dw_1.item.udf5.value>
```

The system saves the information automatically when the time receipt is created.

The screenshot shows the 'Time Receipts' window with the following data:

Document	202200173	Valuation date	22.11.2022
Order	3084		
Position	10		
Op. sequ.	30	Internal Operation STND001 - Standard (default Resource only)- Setup for Capacity - 1 Time T	
Parallel Position			
Barcode			
Person		Planned Qty	10,000000 Pcs
Date	22.11.2022	To	22.11.2022
Time from	00:00	To	00:00
Duration	0,00 Min	Produced yield quality	0,000000 Pcs
Quantity yield	10,000000 Pcs	Produced scrap	
Scrap	0,000000 Pcs	Planned Time for Plan Qty	255,000000 Min.
Resource	R-01-1T.STD.08I	Actual Time	
Time type		Personnel daily time	00:00
Cost Element		Quality Check	<span style="background-color: red; color: red;">██████████</span>
Charge to Cost Ctr.	C02	Centro Coste Test	
Branch		Canceled	<input type="checkbox"/>
Batch			
Information			

Buttons at the bottom: Cancel, Scrap, Partial Receipt, Confirm completion.

Window: fert\_arbzeit\_erfassen.psr

# Usability

## Production Time receipt window:

### NEW functionality:

Additional UDFs (from 5-15) are available.

Now the Time receipt window allows to fill information into UDFs 5 to 15.

Additionally, you can write the following script as an example of how to create a textbox in the screen and link with the UDF5 field:

```

windowevent open
//Create a field for codebar
create=column=x=2030,y=80,width=457,height=52,id=udf5,name=udf5
create=text=x=1445,y=80,width=562,name=udf5_t,text=UDF5 example
end event

```

The screenshot shows the 'Time Receipts' window with the following data:

Document	202200173	Valuation date	22.11.2022
Order	3084		
Position	10		
Op. sequ.	30	Internal Operation STND001 - Standard (default Resource only)- Setup for Capacity - 1 Time T	
Parallel Position			
Barcode			
Person			
Date	22.11.2022	To	22.11.2022
Time from	00:00	To	00:00
Duration	0,00	Min	
Quantity yield	10,000000	Pcs	
Scrap	0,000000	Pcs	
Resource	R-01-1T.STD.081	Standard Resource / 1 Machine / :	
Time type			
Cost Element			
Charge to Cost Ctr.	C02	Centro Coste Test	
Branch		Canceled	<input type="checkbox"/>
Batch			
Information			

Summary statistics:

Planned Qty	10,000000	Pcs
Produced yield quality	0,000000	Pcs
Produced scrap		Pcs
Planned Time for Plan Qty	255,000000	Min.
Actual Time		Min.
Personnel daily time	00:00	

Buttons at the bottom: Cancel, Scrap, Partial Receipt, Confirm completion.

Window: fert\_arbzeit\_erfassen.psr



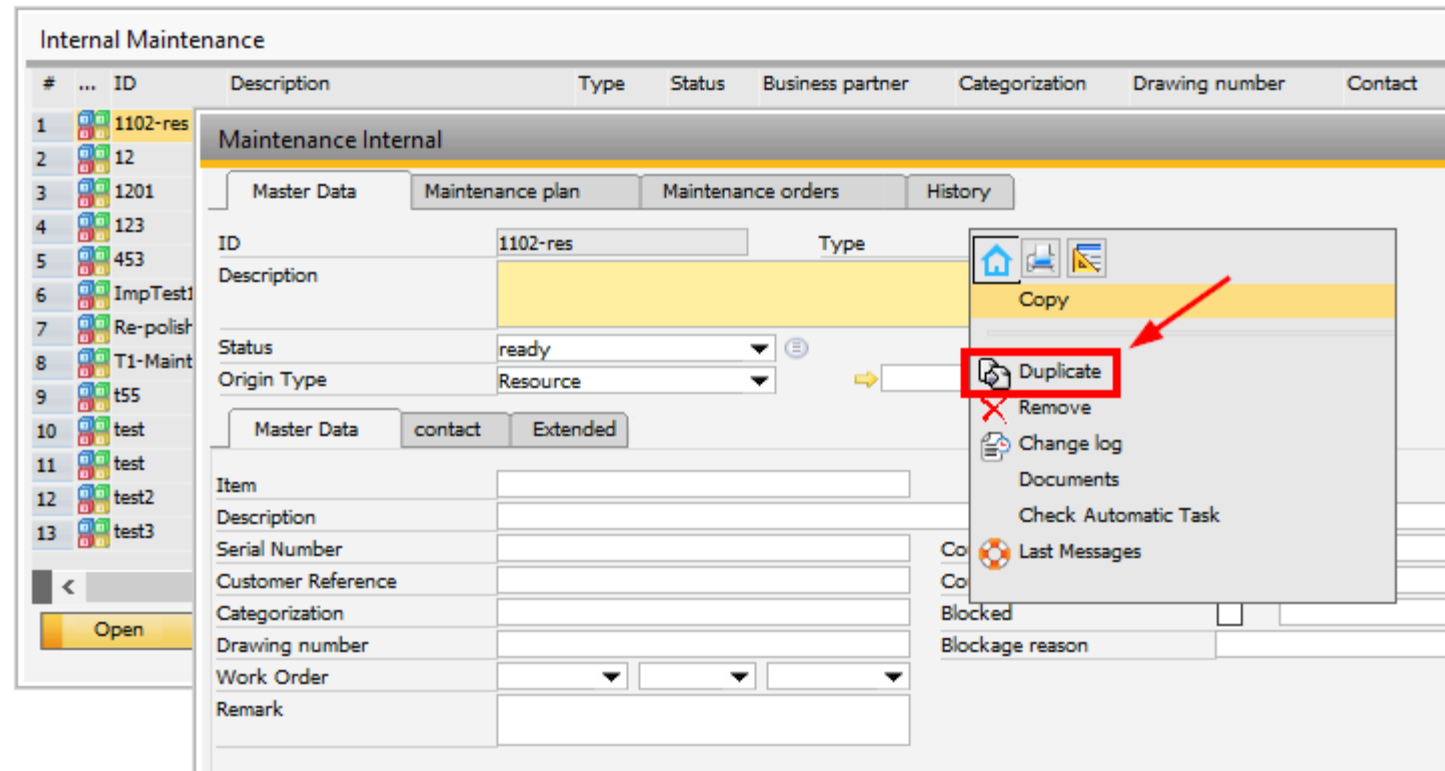
# Usability

## Maintenance plans

**NEW functionality:** Duplicate function for Maintenance master data header and Maintenance plan details is available for

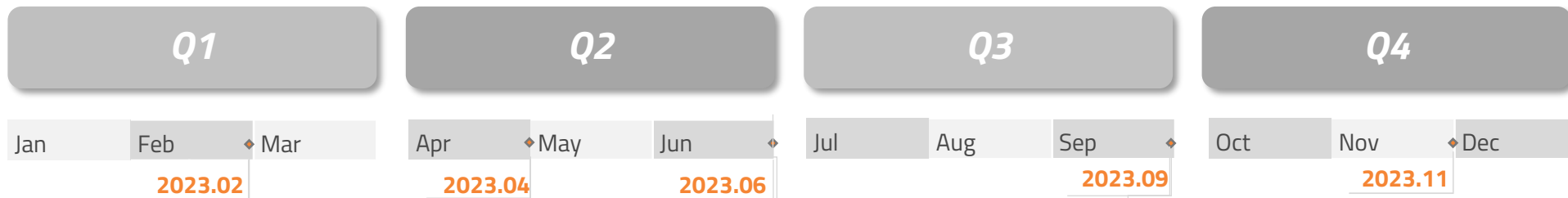
- Internal Maintenance
- External Maintenance
- Maintenance Plans

The new function is added into browse and edit forms alike.

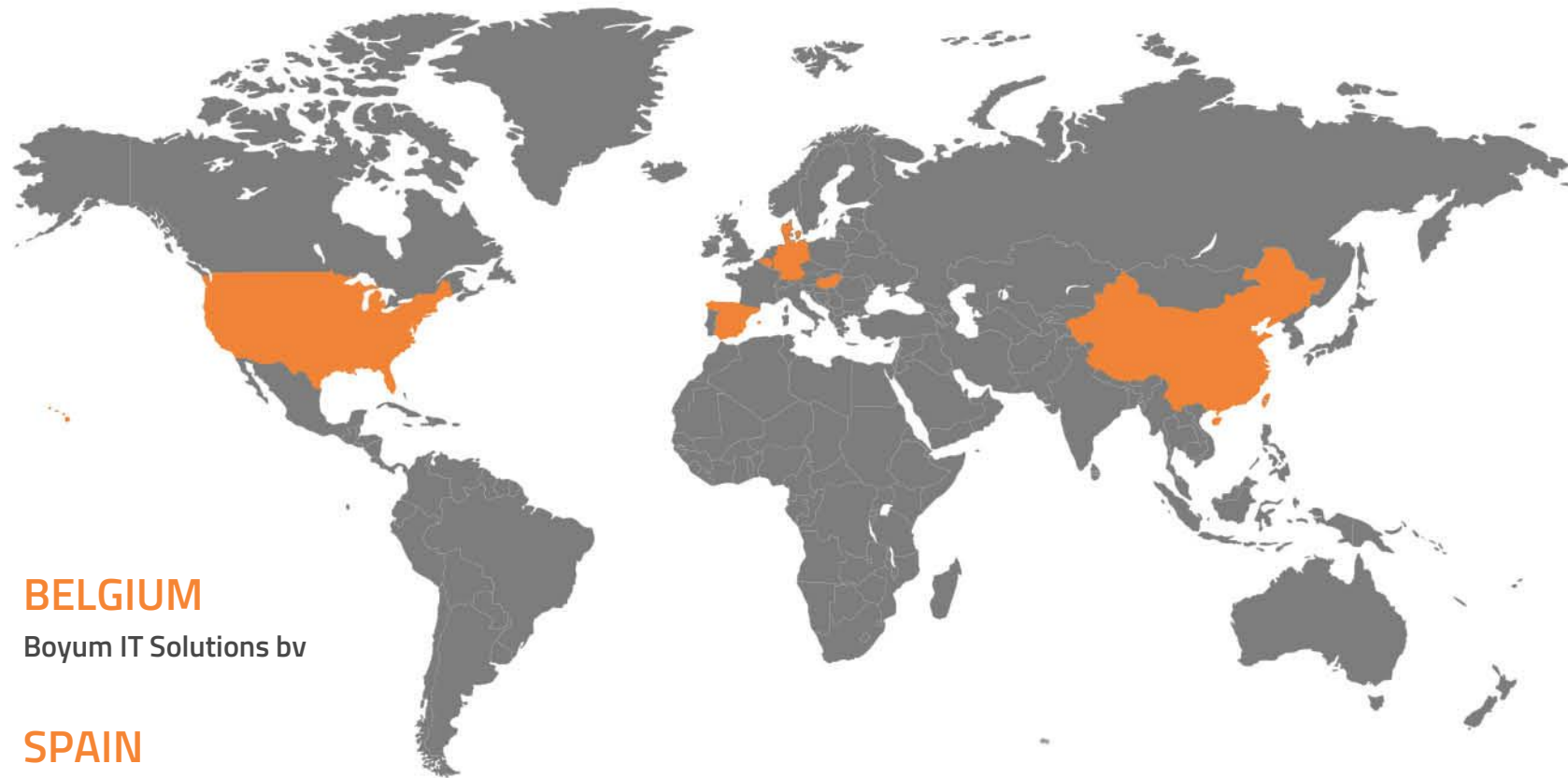


*maintenance\_browse.psr*  
*maintenance\_edit.psr*  
*maintenance\_plan\_browse.psr*  
*maintenance\_plan\_edit.psr*

# 2023 Planned releases



*This is the current state of planning and may be changed by Boyum IT Solutions at any time.*



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