

PostCalculation

Calculation Header PostCalculation

For PostCalculation please make new calculation:

1. Enter following information for test:

Calculation | Work Date: 26.01.2023

C000002

Actions

General

No.	C000002	Item Description	Tourenrad	Production BOM No. Modified	<input type="checkbox"/>
Calc Title	Test 2	Lot Size	5.00	Routing No.	
Calc. Description	def	Administrative Overhead Costs %	0.00	Routing No. Modified	<input type="checkbox"/>
Type	PostCalculation	Calculation Time Frame		Filter Prod. Routing Version	
Item No.	1000	No. Prod. Order considered	1	Filter Prod. BOM Version	
		Production BOM No.			

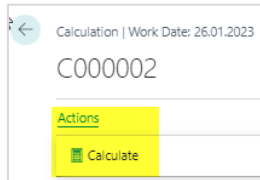
PostCalculation

If type is PostCalculation, relevant fields in header are:

Field Name	Description
Item No.	User has to select item number, for which postcalculation is calculated. For this item number in this ASMF-Release all finished production orders are calculated, if they are not filtered by fields calculation time frame, Filter Prod. Routing Version and/or Filter Prod. BOM Version.
Calculation Time Frame	Optional: User can enter date or period to exclude finished production orders from calculation. Start date of production order is relevant.
Filter Prod. Routing Version	Optional: User can filter routing version. Note: In this version of ASMF empty Routing version means that only empty routing version is calculated, not all versions.
Filter Prod. BOM Version	Optional: User can filter BOM version. Note: In this version of ASMF empty Routing version means that only empty BOM version is calculated, not all versions.
No. Prod. Order considered	Field shows how many finished production orders are considered in calculation. Per lookup these orders are shown.
Lot Size	Average Lot size of considered orders, in this ASMF-Release rounded up.

PostCalculation

2. Select Actions, Calculate



Therewith calculations are performed, calculations from area *Calculation Lines* (Detail-Level) serve as base for calculations in area *Cost Structure* (Overview-Level):

Calculation | Work Date: 26.01.2023
C000002

Actions

General

No. Item Description Production BCM No. Modified
Calc Title Lot Size Routing No.
Calc. Description Administrative Overhead Costs % Routing No. Modified
Type Calculation Time Frame
Item No. No. Prod. Order Generated Filter Prod. Routing Version
Production BCM No.

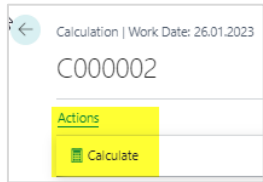
Cost Structure

	Production Total per Base Unit (LTC)	PostCalculation Percentage to Cost of Goods
Material-Related Costs	323.80	68.79
Material-Overhead Costs	0.00	0.00
Material Costs	323.80	68.79
Production Setup Costs	45.80	9.82
Production-Overhead Costs	0.00	0.00
Production Costs	45.80	9.82
Round-up Subsequent Cost	0.00	0.00
Round-up Setup Cost	0.00	0.00
Manufacturing Costs	369.60	78.61
Administrative Overhead Costs	0.00	0.00
Cost of Goods	369.60	78.61

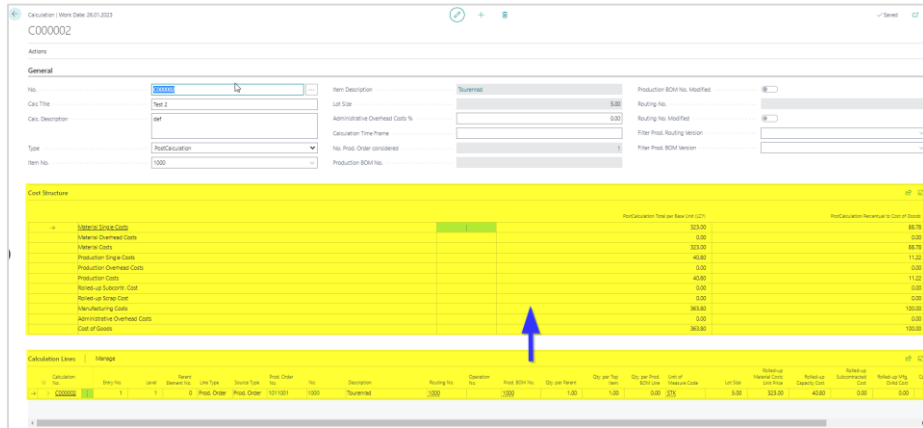
Calculation Lines

Calculation No.	Item No.	Level	Source No.	Source Type	Prod. Order No.	No.	Description	Routing No.	Quantity	Prod. BCM No.	Qty. per Base Unit	Qty. per Base Unit	Qty. per Base Unit	Qty. per Base Unit	Material-Related Costs	Material-Related Costs	Material-Related Costs	Material-Related Costs	Material-Related Costs
C000002	1	1	1	Prod. Order	Prod. Order	1011001	1000	Tourensal	1000	1000	1.00	1.00	0.00	375	3.00	323.80	45.80	0.00	0.00

PostCalculation



Therewith calculations are performed, calculations from area *Calculation Lines* (Detail-Level) serve as base for calculations in area *Cost Structure* (Overview-Level):

This screenshot shows the SAP Calculation C000002 interface with the 'Cost Structure' table. A blue arrow points to the 'Production Costs' row. The table includes columns for 'Production Costs', 'PostCalculation Total per Piece (L2P)', and 'PostCalculation Percentage to Cost of Sales'. Below the Cost Structure table is the 'Calculation Lines' table, which shows the calculation line for 'PostCalculation' with a value of 100.00.

No.	Calc Title	Calc Description	Type	Item No.	Item Description	Quantity	Production Costs	PostCalculation Total per Piece (L2P)	PostCalculation Percentage to Cost of Sales
1						1.00	100.00	100.00	100.00%

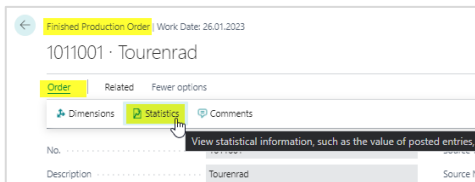
PostCalculation

Calculation Lines (PostCalculation)

Several production orders can be shown in calculation-lines, seen in field *Prod. Order No.*. Each production order can be unfolded by arrow, marked in following screenshot:

Calculation No.	Item No.	Level	Plant	Line Type	Source Type	Prod. Order No.	No.	Description	Routing No.	Operation No.	Prod. BOM No.	Qty per Parent	Qty per Item	Qty per Prod. BOM Line	Unit of Measure Code	Lot Size	Roller-up Material Cost	Roller-up Capacity Cost	Roller-up Subcontract Cost	Roller-up 10% Cost	Cost
CO00001	1	1	0	Prod. Order	Prod. Order	1011001	1000	Tourenrad	1000		1000	1,00	1,00	0,00	57K	5,00	323,00	40,80	0,00	0,00	0,00
CO00002	2	2	1	Prod. Order	Prod. Order	1100	1100	Vorderrad	1100		1100	1,00	1,00	1,00	57K	10,00	129,67	0,00	0,00	0,00	0,00
CO00002	3	2	1	Prod. Order	Prod. Order	1200	1200	Hinterad	1200		1200	1,00	1,00	1,00	57K	10,00	129,68	0,00	0,00	0,00	0,00
CO00002	4	2	1	Prod. Order	Prod. Order	1300	1300	Kette komplett			1300	1,00	1,00	1,00	57K	10,00	13,16	0,00	0,00	0,00	0,00
CO00002	5	2	1	Item	Prod. Order	1400	1400	Schutzblech vorn			1400	1,00	1,00	1,00	57K	10,00	3,90	0,00	0,00	0,00	0,00
CO00002	6	2	1	Item	Prod. Order	1400	1400	Schutzblech hinten			1400	1,00	1,00	1,00	57K	10,00	3,90	0,00	0,00	0,00	0,00
CO00002	7	2	1	Item	Prod. Order	1600	1600	Bremshebelanlage komplett			1600	1,00	1,00	1,00	57K	10,00	5,20	0,00	0,00	0,00	0,00
CO00002	8	2	1	Item	Prod. Order	1600	1600	Klingel			1600	1,00	1,00	1,00	57K	10,00	2,70	0,00	0,00	0,00	0,00
CO00002	9	2	1	Prod. Order	Prod. Order	1700	1700	Bremsanlage komplett			1700	1,00	1,00	1,00	57K	10,00	9,77	0,00	0,00	0,00	0,00
CO00002	10	2	1	Item	Prod. Order	1800	1800	Lederer komplett			1800	1,00	1,00	1,00	57K	10,00	2,12	0,00	0,00	0,00	0,00
CO00002	11	2	1	Item	Prod. Order	1900	1900	Tourensattel			1900	1,00	1,00	1,00	57K	10,00	7,20	0,00	0,00	0,00	0,00

Available fields are same as from BC-Standard function Cost Shares, but PostCalculation calculates actual cost, similar to BC-Standard function Production Order Statistics column Actual Cost, but as averages for selected production orders, and calculation shows values per 1 base unit (BC-Standard-Function Statistics shows values for whole lot).



PostCalculation

Cost-Structure

Results from area *Calculation Lines* are calculated in *Cost Structure*:

- PostCalculation Total per Base Unit Local currency.
- PostCalculation Percentual to *Cost of Goods* (last row of *Cost Structure*).

Cost Structure		PostCalculation Total per Base Unit (LCY)	PostCalculation Percentual to Cost of Goods
→ Material Service Costs		323.00	88.78
Material Overhead Costs		0.00	0.00
Material Costs		323.00	88.78
Production Single Costs		40.80	11.22
Production Overhead Costs		0.00	0.00
Production Costs		40.80	11.22
Relief-up Subcontr. Cost		0.00	0.00
Relief-up Scrap Cost		0.00	0.00
Manufacturing Costs		363.80	100.00
Administrative Overhead Costs		0.00	0.00
Cost of Goods		363.80	100.00

Calculations are performed similar to PreCalculation. Calculation calculates average values from considered production orders.

PostCalculation

Cost-Structure

Calculations are performed like PreCalculation. Calculation calculates average values from considered production orders.

Differences from PreCalculation

Field Name	Description
Material Single Costs	= Rolled-up Material Costs Unit Price top-line from area Calculation Lines – Material Overhead Costs from Cost Structure. (Overhead Costs are included in Rolled-up Material Costs Unit Price)
Material Overhead Costs	In this ASMF-Release = Rolled up Material Overhead Cost as from PreCalculation.
Production Single Costs	= Rolled-up Capacity Cost from top-line of Calculation Lines.
Production Overhead Costs	= Rolled-up Mfg. Ovhd Cost + Rolled-up Capacity Ovhd. Cost top-line from Calculation Lines. Calculation according BC-Standard more complex as here can be described.