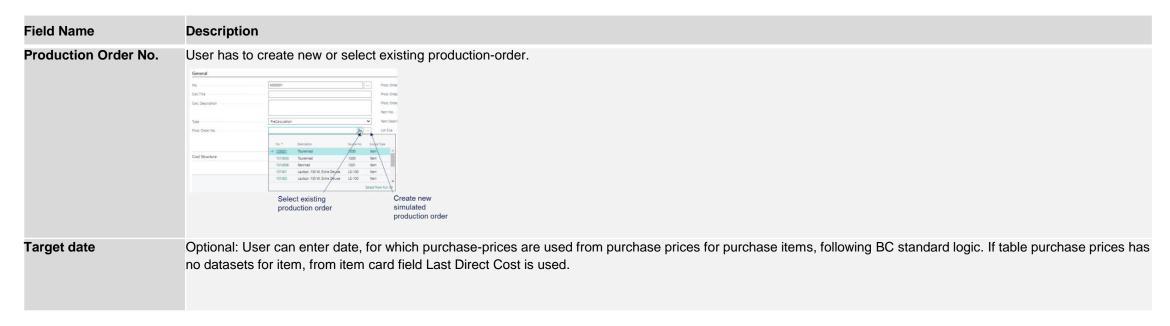
Calculation Header PreCalculation

If type is *PreCalculation*, relevant fields in header are:





1. Select following values in calculation header.



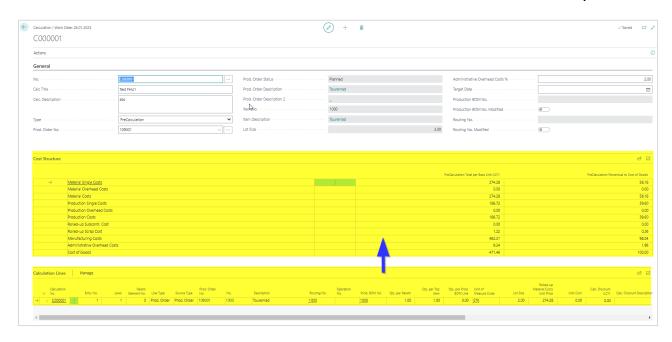
2. Select Actions, Calculate.



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



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



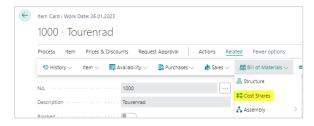


Calculation Lines (PreCalculation)

Calculation lines can be unfolded by arrow, marked in following screenshot:



Most fields are same as BC-Standard function Cost Shares:



If for line Replenishment System Prod. Order is selected and Manufacturing Policy Make-To-Stock, lotsizes and values are taken from master data, if Manufacturing Policy Make-To-Order is selected, data are taken from production order line.



Field Name	Description			
Calc. Discount (LCY)	Optional: For quick simulations of calculation-scenarios user can enter value in LCY, which is discounted to fields: If line type = Prod. Order: Value is subtracted from field Rolled-up Capacity Cost incl. Calc Discount. If line type = Material: Value is subtracted from field Material Single Costs.			
Calc. Discount Description	Optional: User can enter describing information about Calc. Discount (LCY).			
Material Single Cost (Unit Cost)	If table purchase prices is used for item, price is taken from there according field target date in calculation header and standard BC-Logic. If table purchase prices is not used for item, field Last Direct Cost from item card is used.			
	Calculation Discount (LCY) is subtracted.			
	Cost are rolled-up by level of calculation lines:			
	Calculation Lines Manage			
	Calculation Parent No. Level Element No. Lin			
	✓ C000001 1 0 Pr → ✓ C000001 : 2 1 Pr			
	C000 : 3 2 Ite			
	> C000 3 2 Pr			
	C000 3 2 lte			
Material Overhead Cost	For lines with line type item, field takes from item card field Overhead Rate and adds from item card field Indirect Cost % related to Material			
	Single Cost (Unit Cost) from calculation line.			
Rolled-up Capacity Cost inc. Calc Discount BC-Standard field Rolled-up Capacity Cost, with Calc. Discount (LCY) subtracted, if line-type = Prod. Order.				
	Cost are rolled-up by field Level of calculation lines.			
	APRODA			

Cost-Structure

Results from area Calculation Lines are summarized in Cost Structure in columns:

- PreCalculation Total per Base Unit Local currency
- PreCalculation Percentual to Cost of Gods (last row of Cost Structure)

Cost Structure					
			PreCalculation Total per Base Unit (LCY)	PreCalculation Percentual to Cost of Goods	
\rightarrow	Material Single Costs		274.28	58.18	
	Material Overhead Costs		0.00	0.00	
	Material Costs		274.28	58.18	
	Production Single Costs		186.72	39.60	
	Production Overhead Costs		0.00	0.00	
	Production Costs		186.72	39.60	
	Rolled-up Subcontr. Cost		0.00	0.00	
	Rolled-up Scrap Cost		1.22	0.26	
	Manufacturing Costs		462.21	98.04	
	Administrative Overhead Costs		9.24	1.96	
	Cost of Goods		471.46	100.00	



Field Name	Description		
Material Single Costs	= Material Single Cost (Unit Cost) top-line from area Calculation Lines.		
Material Overhead Costs	= Material Overhead Cost from top-line from area Calculation Lines.		
Material Costs	= Material Single Cost + Material Overhead Cost.		
Production Single Costs	= Rolled-up Capacity Cost incl. Calc Discount from top-line of Calculation Lines.		
Production Overhead Costs	 = Rolled-up Mfg. Ovhd Cost + Rolled-up Capacity Ovhd. Cost top-line from area Calculation Lines. Calculation Lines with line type Prod. Order are considered, values are taken from item card Indirect Cost % + Overhead rate = Mfg. Ovhd. Cost, as well as from Routing Lines assigned work centers / machine centers card Indirect Cost % + Overhead rate = Capacity Ovhd. Cost. Calculation according BC-Standard more complex as here can be described. 		
Production Costs	= Production Single Costs + Production Overhead Costs.		
Rolled-Up Subcontr. Cost	= Rolled-up Subcontracted Cost from top-line of Calculation Lines.		
Rolled-Up Scrap Cost	= Rolled-Up Scrap Cost from top-line of Calculation Lines.		
Manufacturing Costs	= Material Costs + Production Costs + Rolled-Up Subcontr. Cost + Rolled-Up Scrap Cost.		
Administrative Overhead Costs	= Manufacturing Cost * Administrative Overhead Costs % of calculation header.		
Cost of Goods	= Manufacturing Cost + Administrative Overhead Costs.		

