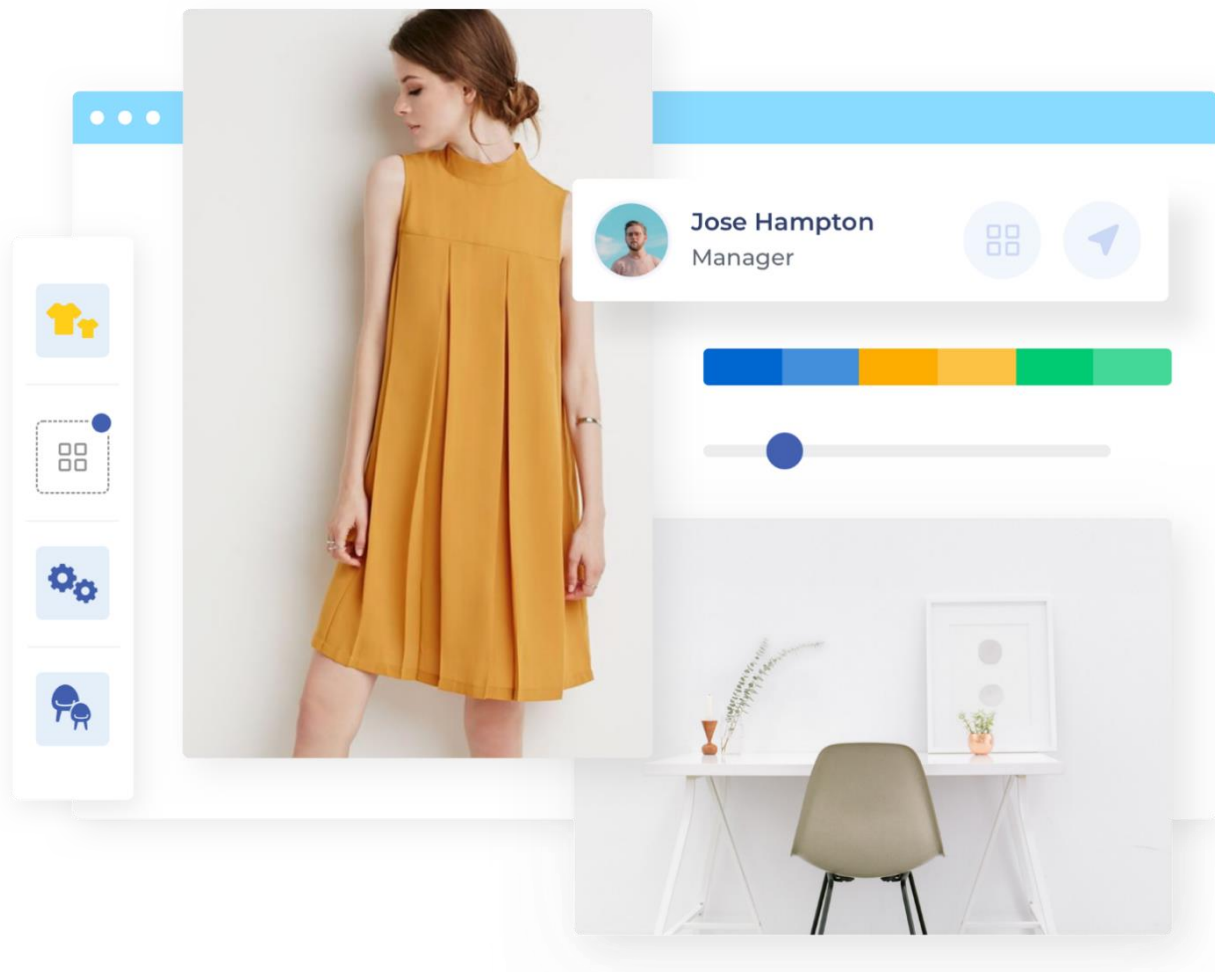


**WHITE PAPER**

TRIMIT Assortments 20.2

This document contains information regarding the Assortments functionality in TRIMIT 20.2 for Business Central 2020 Release Wave 2 (BC17.X).

Version: 20.2.2134
Date: 04-02-2021

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INTRODUCTION

TRIMIT Assortments enables the user to combine different variants of a Master within a specific “package”: The **Assortment**. An Assortment will be bought/produced as a whole “package” and will be sold as a whole “package”.

It is also possible to “explode” an Assortment into the individual Items that it contains.

Because the functionality of **TRIMIT Assortments** is mainly used in Fashion, this White Paper will be focused on the Color/Size combinations.

You can create Assortments for a Master based on 1 Color and several Sizes, but also based on several Colors and several Sizes.

You can set it up for using the Assortments separately, but also as part of the regular Colors or Sizes in a VarDim Type.

The functionality described is the functionality in **TRIMIT 20.2 for Business Central W1 BC17.X**.

The pictures in this White Paper are based on the demo database for **TRIMIT 20.2**, which is based on Microsoft Dynamics 365 Business Central 2020 Release Wave 2, in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. of Microsoft Dynamics 365 Business Central).

COMPONENTS

TRIMIT Assortments contains the following objects:

The tables	6037118	<i>trm Assortment</i>
	6038139	<i>trm Portal Assortment Content</i>

The pages	6037134	<i>trm Assortments</i>
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Besides these special Assortment objects, many other objects have been changed regarding the Assortments, like i.e. the Lines of Sales Documents and Purchase Documents where the **Type** of the Line can also be *Assortment Matrix*.

ONE COLOR / MANY SIZES ASSORTMENT

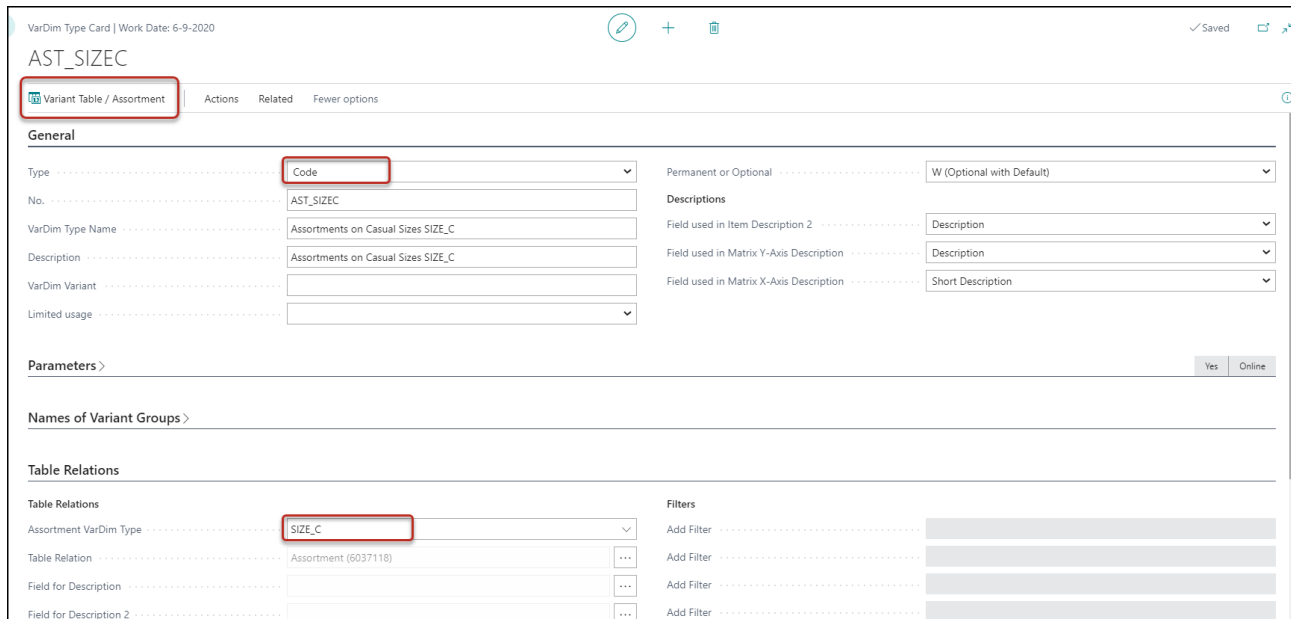
I.e. an Assortment with 1 x S, 2 x M, 2 x L and 1 x XL for a color of a Master.

This can be setup as a separate VarDim Type, but also as special Sizes in a Sizes VarDim Type.

SETUP ASSORTMENTS IN A SEPARATE VARDIM TYPE

When you want to create a **VarDim Type** specifically for Assortments, you need to make a connection to the actual Sizes VarDim Type from which you choose the Sizes and Quantities that are in the Assortment.

Example: a VarDim Type for Assortments related to a Sizes VarDim Type called *SIZE_C* could look like this:



VarDim Type Card | Work Date: 6-9-2020

AST_SIZE_C

Variant Table / Assortment

General

Type: Code

No.: AST_SIZE_C

VarDim Type Name: Assortments on Casual Sizes SIZE_C

Description: Assortments on Casual Sizes SIZE_C

VarDim Variant:

Limited usage:

Permanent or Optional: W (Optional with Default)

Descriptions

Field used in Item Description 2: Description

Field used in Matrix Y-Axis Description: Description

Field used in Matrix X-Axis Description: Short Description

Parameters >

Yes Online

Names of Variant Groups >

Table Relations

Table Relations

Assortment VarDim Type: SIZE_C

Table Relation: Assortment (6037118)

Field for Description:

Field for Description 2:

Filters

Add Filter

Add Filter

Add Filter

Add Filter

Type must be *Code* and in **Assortment VarDim Type** you need to enter the VarDim Type which is the related Sizes VarDim Type for which you want to create the Assortments for.

When you click **Variant Table/Assortment** you can enter the Codes and the Descriptions within the VarDim Type *AST_SIZE_C*



Assortments | Work Date: 6-9-2020

Search + New Edit List Delete Open in Excel Related Fewer options

Code	Description	Short Description	Blocked	Number of Variants
AA	XS-L / 1221	AA	☐	4
BB	S-XL / 1221	BB	☐	4
CC	M-XXL / 1221	CC	☐	4
DD	XS-L / 1222	DD	☐	4
EE	S-XL / 1222	EE	☐	4
FF	M-XXL / 1222	FF	☐	4
GG	XS-XL / 12211	GG	☐	5
HH	S-XXL / 12211	HH	☐	5
II	XXL-SXL / 1221	II	☐	4
JJ	XXL-SXL / 1222	JJ	☐	4
KK	XL-SXL / 12211	KK	☐	5
LL	XL-SXL / 12221	LL	☐	5
MM	M-SXL / 1233211	MM	☐	7
NN	XS-SXL / 111111111	NN	☐	9

Review or update the value for Number of Variants

These Codes will also be created as **Values** in the Sizes VarDim Type itself with a checkmark in the field **Assortment**.

VarDim Variant Option No. SIZE_C - 20						
Search + New Edit List Delete Open in Excel Actions Related Fewer options						
Value ↑	Description	Short Description	Assortment	Hex Code	No Image	Picture
→ 01	:	XS	☐		☐	+
02	S	S	☐		☐	+
03	M	M	☐		☐	+
04	L	L	☐		☐	+
05	XL	XL	☐		☐	+
06	XXL	XXL	☐		☐	+
07	3XL	3XL	☐		☐	+
08	4XL	4XL	☐		☐	+
09	5XL	5XL	☐		☐	+
AA	XS-L / 1221	AA	☒		☐	+
BB	S-XL / 1221	BB	☒		☐	+
CC	M-XXL / 1221	CC	☒		☐	+
DD	XS-L / 1222	DD	☒		☐	+
EE	S-XL / 1222	EE	☒		☐	+
FF	M-XXL / 1222	FF	☒		☐	+
GG	XS-XL / 12211	GG	☒		☐	+
HH	S-XXL / 12211	HH	☒		☐	+
II	XXL-5XL / 1221	II	☒		☐	+
JJ	XXL-5XL / 1222	JJ	☒		☐	+
KK	XL-5XL / 12211	KK	☒		☐	+
LL	XL-5XL / 12221	LL	☒		☐	+
MM	M-5XL / 1233211	MM	☒		☐	+
NN	XS-5XL / 111111111	NN	☒		☐	+

CODE

The Code for this Assortment.

The number of digits of this Code must be the same as the number of digits of the Values of the related Sizes VarDim Type and make sure that the Codes of the Assortments don't interfere with the Values you have used in the related Sizes VarDim Type.

DESCRIPTION

A Description for this Assortment.

Be aware that this Description will become part of **Description 2** of the special Assortment Items that can be created for a Master.

SHORT DESCRIPTION

A Short Description for this Assortment that might be used as name for the Columns in a Matrix based on the **Field Used in Matrix X-Axis Description** of the VarDim Type.

NUMBER OF VARIANTS

In the Field **Number of Variants**, you can click the **three dots**.

Edit - Temporary VarDim Variants					
Search + New Edit List Open in Excel Actions Related Fewer options					
Mark	Value ↑	Assortment	Blocked	Name	
→					
☒	01	☐	☐	XS	
☒	02	☐	☐	S	
☒	03	☐	☐	M	
☒	04	☐	☐	L	
☐	05	☐	☐	XL	
☐	06	☐	☐	XXL	
☐	07	☐	☐	3XL	
☐	08	☐	☐	4XL	
☐	09	☐	☐	5XL	
☐	AA	☒	☐	XS-L / 1221	
☐	BB	☒	☐	S-XL / 1221	
☐	CC	☒	☐	M-XXL / 1221	
☐	DD	☒	☐	XS-L / 1222	
☐	EE	☒	☐	S-XL / 1222	
☐	FF	☒	☐	M-XXL / 1222	
☐	GG	☒	☐	XS-XL / 12211	
☐	HH	☒	☐	S-XXL / 12211	
☐	II	☒	☐	XXL-5XL / 1221	
☐	JJ	☒	☐	XXL-5XL / 1222	
☐	KK	☒	☐	XL-5XL / 12211	
☐	LL	☒	☐	XL-5XL / 12221	
☐	MM	☒	☐	M-5XL / 1233211	
☐	NN	☒	☐	XS-5XL / 111111111	

In this page you need to **Mark** the Sizes that are in the Assortment. Be aware that you do not choose the **Values** with a checkmark in **Assortment** that represent the Assortments itself.

Press **Esc** to go back to the Assortments page. The **Number of Variants** is now based on the number of Sizes that you marked.

Assortments Work Date: 6-9-2020		
Search + New Edit List Delete Open in Excel Related Fewer options		
Functions Positive List Matrix Y-Axis Matrix Cells Quantity in Matrix		
	XS-L / 1221	AA
	S-XL / 1221	BB
	M-XXL / 1221	CC
	XS-L / 1222	DD
	S-XL / 1222	EE
FF	M-XXL / 1222	FF

Via **Related**, **Functions**, **Quantity in Matrix**, you can now enter the quantities per marked Size that you want to have in the Assortment.

Variant 1	Variant Description	Line Quantity	XS	S	M	L
AA	XS-L / 1221	6	1	2	2	1
BB	S-XL / 1221	5	-	1	2	2
CC	M-XXL / 1221	3	-	-	1	2
DD	XS-L / 1222	7	1	2	2	2
EE	S-XL / 1222	5	-	1	2	2
FF	M-XXL / 1222	3	-	-	1	2
GG	XS-XL / 12211	6	1	2	2	1
HH	S-XXL / 12211	5	-	1	2	2
II	XXL-5XL / 1221	-	-	-	-	-
JJ	XXL-5XL / 1222	-	-	-	-	-
KK	XL-5XL / 12211	-	-	-	-	-
LL	XL-5XL / 12221	-	-	-	-	-
MM	M-5XL / 1233211	3	-	-	1	2
NN	XS-5XL / 111111111	4	1	1	1	1

In this page, you will only see the columns for the Sizes that you choose for the **Variant 1** (Assortment Code).

In the picture above: for Assortment AA, we choose the Sizes XS, S, M and L, so only these Sizes will be shown in this matrix.

In the picture below: for Assortment KK, we choose the Sizes XL, XXL, 3XL, 4XL and 5XL, so only these Sizes will be shown in this matrix.

Variant 1	Variant Description	Line Quantity	XL	XXL	3XL	4XL	5XL
AA	XS-L / 1221	-	-	-	-	-	-
BB	S-XL / 1221	1	1	-	-	-	-
CC	M-XXL / 1221	3	2	1	-	-	-
DD	XS-L / 1222	-	-	-	-	-	-
EE	S-XL / 1222	2	2	-	-	-	-
FF	M-XXL / 1222	4	2	2	-	-	-
GG	XS-XL / 12211	1	1	-	-	-	-
HH	S-XXL / 12211	2	1	1	-	-	-
II	XXL-5XL / 1221	6	-	1	2	2	1
JJ	XXL-5XL / 1222	7	-	1	2	2	2
KK	XL-5XL / 12211	7	1	2	2	1	1
LL	XL-5XL / 12221	8	1	2	2	2	1
MM	M-5XL / 1233211	10	3	3	2	1	1
NN	XS-5XL / 111111111	5	1	1	1	1	1

NOTE

You can only create 1 VarDim Type for Assortments per Sizes VarDim Type (Field **Assortment VarDim Type** in the Assortment VarDim Type)

HOW TO CONNECT ASSORTMENTS TO A MASTER

Once you created the Assortments, you can connect them to your Masters.

In the Master Card go to **Actions, Matrix, Assortments, Assortment**:

MASTER CARD | WORK DATE: 06.09.2020

2110 · Mia Blouse

New

Process

Report

Actions

Navigate

Report

Fewer options

User Defined

Wizard

Variant & Dimensions

PDM

Collections

Shipment Groups

Matrix

General

No. 2110

Type

No. System MMMMAABB

GROUPS/TYPES

Description Mia Blouse

Item Type

Matrix

Assortments

Assortment

Show more

Show Assortment

Valid Combinations

Pressing <Enter> on the first field **Relation 2 Name** makes sure that the line is created and you can select the **Options Var1** (the colors for which you want to use Assortments) and the **Options Var2** (the different Assortments – like AA - that are applicable).

Edit - - Assortment Matrix - Relation 1 NO. 2110 - Mia Blouse

Search + New Edit List Delete Open in Excel Related Fewer options

Relation 2 Name	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant 3	Options Var 3
→ 2110	Mia Blouse	COLOR_1	4	AST_SIZE	5		0

The Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will get automatically some specific content.

Item Card | Work Date: 6-9-2020

211030AA · Mia Blouse

Process Item Prices & Discounts Request Approval Actions Related Fewer options

Costs

Direct Unit Cost

Direct Unit Cost Calculation Method Items in Assortment

Unit Cost Calculation

Base Calc. Unit Cost Material Last Direct Cost + Indirect Cost

Overhead Calculation Unit Cost Material

Overhead % 0,00

Unit Cost Calculation Method Sales Item Unit Cost

Management Level Unit Cost 0

Calculation of Unit Cost in BOM Struct... ..

Calculated Unit Costs

Calc. Unit Cost Material 135,00

Calc. Unit Cost Time 0,00

Calc. Unit Cost Machine 0,00

Calc. Unit Cost Overhead 0,00

Calc. Unit Cost Total 135,00

Standard Unit Cost

Std. Unit Cost Material 135,00

Std. Unit Cost Time 0,00

Std. Unit Cost Machine 0,00

Std. Unit Cost Overhead 0,00

Std. Unit Cost Total 135,00

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Sale

Unit List Price 0,00

Private Label ☐

Master Private Label ☐

Commission / Bonus

Item Commission Group

Item Bonus Group

Price Calculation

Unit Price Calculation Method Items in Assortment

Management Level Unit Price 0

VarDim Addition to Unit Price No

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

In other words: The **Direct Unit Cost** and the **Unit Price** for the Assortment Items will simply be based on the sum of the Direct Unit Costs and Unit Prices of the underlying Items. Of course, this also influences the **Unit Cost** (based on the **Direct Unit Cost**) of the Assortment Items.

I.e. if 1 Item has a **Direct Unit Cost** of 30, and there are 6 pieces in an Assortment, the **Direct Unit Cost** for the Assortment becomes $30 \times 6 = 180$.

If this is not what you want, you need to change these two fields manually in the Item Card.

In that case, you can enter the **Last Direct Cost**, (Standard/Calculated) **Unit Cost** on the Assortment Items manually and make sure that you have entered the Sales Prices specifically for these Assortment Items by using the Search Expression or Formulas in the Master Sales Prices, or by entering the Sales Prices related to the individual Assortment Items.

Be aware, that if you use the regular Sizes VarDim Type in the **Search Expression** of the Sales Prices or Purchase Prices for a Master, you will – by default – only see the regular Sizes if you click **Search Table Lines**. You need to enter the Assortment Codes manually to be able to enter the **Unit Price**.

Edit - Search Table Lines									
Search	New	Edit List	Delete	Search Table Header	Maintain	Open in Excel			
Inactive	Not Valid	SIZE_C ↑	Casual Sizes XS - 5XL				Unit Price		
☐	☐	01	XS				39,99		
☐	☐	02	S				39,99		
☐	☐	03	M				39,99		
☐	☐	04	L				39,99		
☐	☐	05	XL				39,99		
☐	☐	06	XXL				39,99		
☐	☐	07	3XL				39,99		
☐	☐	AA	XS-L / 1221				220,0		
☐	☐	DD	XS-L / 1222				260,0		

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The underlying Items of Assortment Items can also be seen in the Bill of Materials of the Assortment Items (via **Process, Bill of Materials**):

Items Work Date: 6-9-2020									
Search	New	Manage	Process	Report	Item	Prices & Discounts	Inventory	Attributes	Open in Excel
Master	Care Label	Additional Comments	Item Journal	Inventory Profile	Image Management				
Composition	Additional Info	VarDim Items	Item Reclassification Journal	Product Information (PIR)	Bill of Materials				
21103007	Finished Goods	Mia Blouse	Yellow,3XL	2110	0	No	2	No	
211030AA	Finished Goods	Mia Blouse	Yellow,XS-L / 1221	2110	3	No	2	No	

☐ Generate Temporary BOM
☒ Item BOM
☐ Master BOM

Choose **Item BOM** and click **OK**.

211030AA - MIA BLOUSE WORK DATE: 06.09.2020									
BOM Component Lines	Search	New	Edit List	Delete	Formula Lines	Search Table Lines	Group Filter	Copy Bill of Materials	Next Level
Type	Part Item No.	Group Filter	No.	Description	Quantity per	Unit of Measure	Search Expression	Quant... per in Search Table	Formula
→ Matrix			2110	Mia Blouse	6				
Item			21103001	Mia Blouse	1	PCS			
Item			21103002	Mia Blouse	2	PCS			
Item			21103003	Mia Blouse	2	PCS			
Item			21103004	Mia Blouse	1	PCS			

HOW TO USE THESE ASSORTMENTS

In the Lines of the Sales Document, Purchase Document and Production Collecting Order you can choose **Type Assortment Matrix** to enter the quantities per Color/Assortment of a Master.

In the Lines of the Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Assortment Matrix**, to enter the quantities per Color/Assortment of a Master.

I.e. in the Item Journal:

Item Journals | Work Date: 6-9-2020

Batch Name: DEFAULT

Manage Process Post/Print Line Item Open in Excel More options

Matrix Type	Posting Date	Exp... Mat...	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	New Location Code	Quantity
Assortment Matrix	6-9-2020	☒	Positive Adjmt.	T00005	2110	Mia Blouse				

Edit - - No. 2110 - Mia Blouse -

Search New Edit List Process Open in Excel Actions Related Fewer options

Variant 1	Variant Description	Line	Quantity	AA	BB	CC	GG	HH
30	Yellow	1	1					
60	Forest Green	2	2					
70	Red							
73	Pink							

Matrix Type	Posting Date	Exp... Mat...	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	New Location Code	Quantity	Unit of Measure Code	Unit Amount	Amount	Discount Amount	Unit Cost
Assortment Matrix	6-9-2020	☒	Positive Adjmt.	T00005	2110	Mia Blouse		BLUE		3	PCS	135.00	405.00	0.00	135.00
Item	6-9-2020	☐	Positive Adjmt.	T00005	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE		1	PCS	135.00	135.00	0.00	135.00
Item	6-9-2020	☐	Positive Adjmt.	T00005	211060BB	Mia Blouse	Forest Green,S-XL / 1221	BLUE		2	PCS	135.00	270.00	0.00	135.00

I.e. in the Sales Order

Sales Order | Work Date: 6-9-2020

0100032 · The Fashion Store UK

This customer has an overdue balance. Show details

Process Release Posting Prepare Order Request Approval Print/Send Navigate Actions Related Fewer options

General > 6-9-2020 6-9

Lines Manage Line Order Fewer options

Exp... Mat...	Type	No.	Description	Description 2	Collection No.	Period Code	Shipment Date	Location Code
☐	Assortment Matrix	2110					6-9-2020	BLUE

Edit - - Sales Order 0100032 - No. 2110 - Mia Blouse -											
Search New Edit List Process Open in Excel Actions Related Fewer options											
Variant 1	Variant Description			Line Quantity	AA	BB	CC	GG	HH		
30	Yellow			2	2 [7]	[4]	[4]	[4]	[0]		
60	Forest Green			3	[0]	3 [9]	[7]	[4]	[0]		
→ 70	Red			2	[3]	[5]	2 [3]	[3]	[10]		
73	Pink				[2]	[3]	[3]	[2]	[0]		

Lines Manage Line Order Fewer options											
Exp... Mat...	Type	No.	Description	Description 2	Locat... Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Unit Cost (LCY)	Line Discount %	Line Amount Excl. VAT
→ ☒	Assortment Matrix	2110	Mia Blouse		BLUE	7	PCS	239,94	0,00		1.679,58
☐	Item	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE	2	PCS	239,94	135,00		479,88
☐	Item	211060BB	Mia Blouse	Forest Green,S-XL / 1221	BLUE	3	PCS	239,94	135,00		719,82
☐	Item	211070CC	Mia Blouse	Red,M-XXL / 1221	BLUE	2	PCS	239,94	135,00		479,88

In the Cell of a Matrix regarding Assortments, you can enter an *M* or *m* to see the content of that specific Assortment. I.e. if you enter an *M* in the Matrix Cell of *Yellow/AA* it will show:

Edit - - No. 2110 - Mia Blouse -											
Search New Edit List Process Open in Excel Related Fewer options											
Variant 1	Variant Description			Line Quantity	XS	S	M	L	XL	XXL	3XL
→ 30	Yellow			6	1	2	2	1			
60	Forest Green										
70	Red										
73	Pink										

SETUP ASSORTMENTS IN A SIZES VARDIM TYPE

Besides creating a special VarDim Type for the Assortments, you are also able to create extra “Assortment Sizes” in the regular Sizes VarDim Type.

The advantage of this setup is that when you open the Matrix in a Sales-/Purchase Document, Production Collecting Order or the Item Journal, you will not only see the regular Sizes, but also the Assortment Sizes in the columns. The **Type** of the Line in your documents/journals, however, will simply remain *Matrix*.

The disadvantage of this setup might be that you have to specify the content of every Color/Assortment Size for every Master individually where in the [Setup for a Separate VarDim Type](#) you only have to set it up once in the specific Assortment-VarDim Type. Therefore, Assortment AA could have a different content for Master 1 as for Master 2.

But you can also make use of the **Matrix Distribution** to make sure the you always have the same quantities of the individual Sizes for a specific Assortment.

When you want to add Assortment Sizes to a regular Sizes VarDim Type, you can simply create extra Values (Variants) in the Sizes VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment.

I.e.

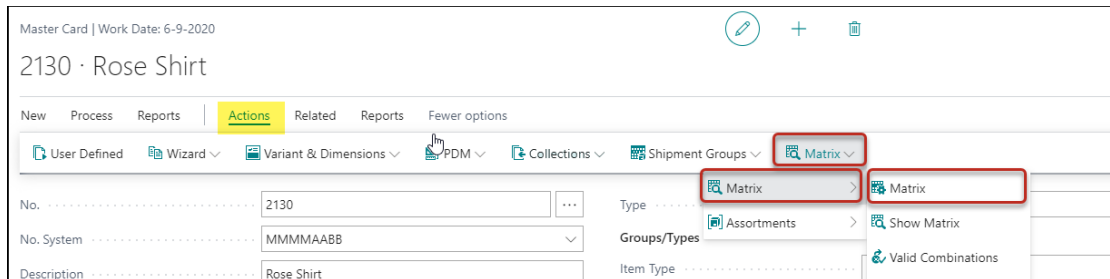
VarDim Variant Option No. SIZE_A - 23 🔍 + New Edit List ...					
Value ↑	Description	Short Description	Assortment	Hex Code	N
01	XS	XS	☐		
02	S	S	☐		
03	M	M	☐		
04	L	L	☐		
05	XL	XL	☐		
06	XXL	XXL	☐		
07	3XL	3XL	☐		
08	4XL	4XL	☐		
09	5XL	5XL	☐		
AA	S-XL 1221	AA	☒		
BB	S-XXL 1221	BB	☒		
CC	M-XXL 1221	CC	☒		
DD	M-3XL 1221	DD	☒		
EE	L-3XL 1221	EE	☒		
FF	L-4XL 1221	FF	☒		
GG	XL-4XL 1221	GG	☒		
HH	XL-5XL 1221	HH	☒		
II	XXL-5XL 1221	II	☒		
→ ZZ	⋮ M-XXL 1221 - mixed Colors	ZZ	☒		

Now, the content of an actual Assortment is NOT setup via the VarDim Type, but via the Master to which you connect this specific Sizes VarDim Type.

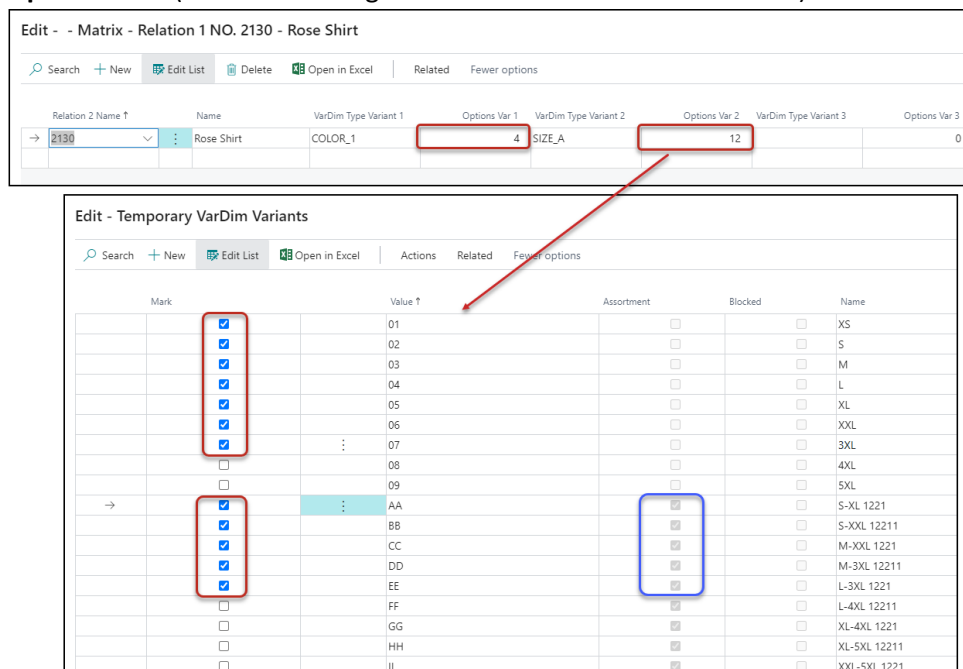
HOW TO CONNECT ASSORTMENT TO A MASTER

Once you created the Assortment Sizes, you can connect them to your Masters.

In the Master Card go to **Actions, Matrix, Matrix, Matrix**:



Pressing **<Enter>** on the first field **Relation 2 Name** makes sure that the line is created and you can select the **Options Var1** (the Colors for which you want to use the regular Sizes and the Assortment Sizes) and the **Options Var2** (the different regular Sizes and the Assortment Sizes).



Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant 3	Options Var 3
→ 2130	Rose Shirt	COLOR_1	4	SIZE_A	12		0

Mark	Value ↑	Assortment	Blocked	Name
☒	01	☐	☐	XS
☒	02	☐	☐	S
☒	03	☐	☐	M
☒	04	☐	☐	L
☒	05	☐	☐	XL
☒	06	☐	☐	XXL
☒	07	☐	☐	3XL
☐	08	☐	☐	4XL
☐	09	☐	☐	5XL
→	AA	☒	☐	S-XL 1221
☒	BB	☒	☐	S-XXL 1221
☒	CC	☒	☐	M-XXL 1221
☒	DD	☒	☐	M-3XL 1221
☒	EE	☒	☐	L-3XL 1221
☐	FF	☒	☐	L-4XL 1221
☐	GG	☒	☐	XL-4XL 1221
☐	HH	☒	☐	XL-5XL 1221
☐	II	☒	☐	XXL-5XL 1221

After you have marked the applicable Values (Sizes and Assortment Sizes), click **Close**.

To use the regular Sizes in your Assortment Sizes, you need to select the regular Sizes (XS – 5XL if applicable) as well, so you are not able to choose only the Assortment Sizes!

Now we still need to determine the content of the Assortments itself.

In this page, you need to click **Related, Matrix Master, Create/Maintain Assortment**.

Edit - - Matrix - Relation 1 NO. 2130 - Rose Shirt

Search + New Edit List Delete Open in Excel Related Fewer options

Matrix Master

Positive List
 Matrix Y-Axis
 Matrix Cells
 Test Matrix Cells Line No.
 Valid Combinations
 Status Codes
 Availability Check
 Calculate Unit Price
 Test Unit Cost
 Create/Maintain Assortment
 Quantity in Matrix

Rose Shirt COLOR_1 4 SIZE_A

Edit - - Matrix Master - No. 2130 - Rose Shirt

Search New Edit List Process Open in Excel Related Fewer options

Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL	AA	BB	CC	DD	EE
01	White		-	-	-	-	-	-	-	[6]	[7]	[6]	[7]	[6]
30	Yellow		-	-	-	-	-	-	-	[6]	[7]	[6]	[7]	[6]
65	Lawn Green		-	-	-	-	-	-	-	[6]	[7]	[6]	[7]	[6]
99	Black		-	-	-	-	-	-	-	[6]	[7]	[6]	[7]	[6]

In every Matrix Cell of an Assortment Size, you need to enter an *M* or *m* to fill the actual content of the Assortment.

I.e. if you enter *M* in the Matrix Cell of *White/AA* and click **<Enter>** you can fill the quantities for the *White/AA*:

Edit - - No. 2130 - Rose Shirt

Search New Edit List Process Open in Excel Related Fewer options

Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL	AA	BB	CC	DD	EE
01	White	6		1	2	2	1			AA				
30	Yellow													
65	Lawn Green													
99	Black													

This must be done for every Color/Size combination; so, based on the pictures above with 4 colors and 5 Assortment Sizes: 20 times!

As you can see; the content of the Color/Assortment is related to the Master; not to a specific VarDim Type. Therefore, using the [Setup Assortments in a Sizes VarDim Type](#) means that you have to determine the content of every Color/Assortment combination in every Master where you want to use these Assortment Sizes.

Based on the selected Colors and Sizes via **Actions, Matrix, Matrix, Matrix** in the Master List/Card, the Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will get automatically some specific content, the same way as in [Setup Assortments in a Separate VarDim Type](#):

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

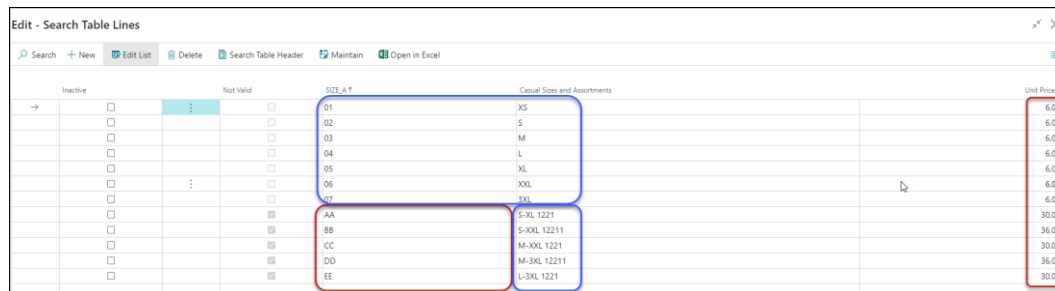
In other words: The **Direct Unit Cost** and the **Unit Price** for the Assortment Items will simply be based on the sum of the Direct Unit Costs and Unit Prices of the underlying Items. Of course, this also influences the **Unit Cost** (based on the **Direct Unit Cost**) of the Assortment Items.

I.e. if 1 Item has a **Direct Unit Cost** of 30, and there are 6 pieces in an Assortment, the **Direct Unit Cost** for the Assortment becomes $30 \times 6 = 180$.

If this is not what you want, you need to change these two fields manually in the Item Card.

In that case, you can enter the **Last Direct Cost**, (Standard/Calculated) **Unit Cost** on the Assortment Items manually and make sure that you have entered the Sales Prices specifically for these Assortment Items by using the Search Expression or Formulas in the Master Sales Prices, or by entering the Sales Prices related to the individual Assortment Items.

Be aware, that if you use the regular Sizes VarDim Type in the **Search Expression** of the Sales Prices or Purchase Prices for a Master, you will – by default – only see the regular Sizes if you click **Search Table Lines**. You need to enter the Assortment Codes manually to be able to enter the **Unit Price**.

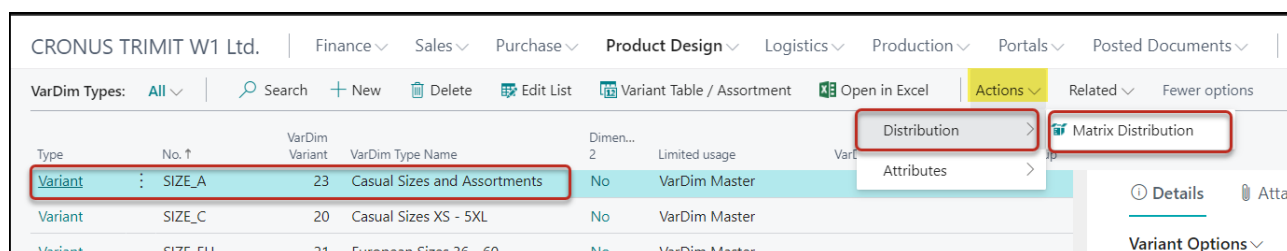


Inactive	Not Valid	SIZE_A T	Casual Sizes and Assortments	Unit Price
		01	XS	6.0
		02	S	6.0
		03	M	6.0
		04	L	6.0
		05	XL	6.0
		06	XXL	6.0
		07	3XL	6.0
		AA	S-XL 1221	30.0
		BB	S-XXL 12211	36.0
		CC	M-XXL 1221	30.0
		DD	M-3XL 12211	36.0
		EE	L-3XL 1221	30.0

HOW TO MAKE USE OF THE MATRIX DISTRIBUTION

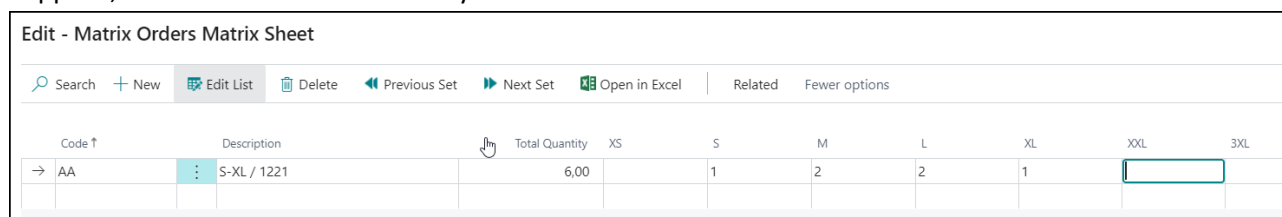
If the quantities per Size in an Assortment should always be the same not depending on the Colors, you can also make use of the **Matrix Distribution** of the Sizes VarDim Type.

Therefore: go to the **VarDim Type List**, select the Sizes VarDim Type and click **Actions, Distribution, Matrix Distribution**



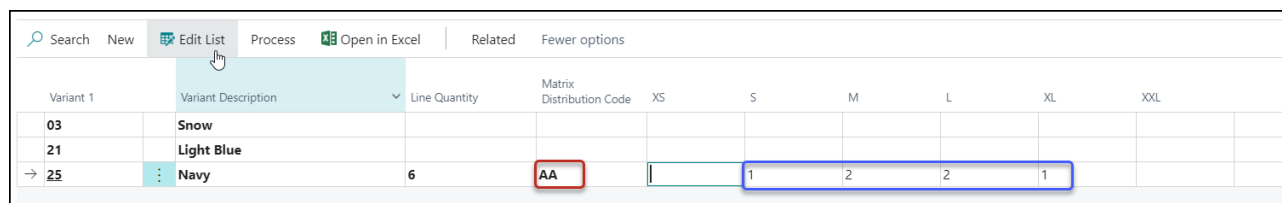
Type	No. ↑	VarDim Variant	VarDim Type Name	Dimen...	Limited usage	Var
Variant	SIZE_A	23	Casual Sizes and Assortments	No	VarDim Master	
Variant	SIZE_C	20	Casual Sizes XS - 5XL	No	VarDim Master	
Variant	SIZE_FU	21	European Sizes 36 - 60	No	VarDim Master	

Suppose, Assortment AA is S-XL 1221 you can create a Matrix Distribution for **Code AA**:



Code ↑	Description	Total Quantity	XS	S	M	L	XL	XXL	3XL
AA	S-XL / 1221	6,00		1	2	2	1		

And the moment you need to enter the quantities per Color/Assortment Size for a Master, as shown on the previous page, you can use the **Matrix Distribution Code AA**, to quickly fill the quantities per Size that are in that Assortment.



Variant 1	Variant Description	Line Quantity	Matrix Distribution Code	XS	S	M	L	XL	XXL
03	Snow								
21	Light Blue								
25	Navy	6	AA	1	2	2	1		

NOTE

When using the **Matrix Distribution**, it is convenient to use the same codes for the Matrix Distribution as the Assortment Size (AA -> AA)

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The underlying Items of Assortment Items can also be seen in the Bill of Materials of the Assortment Items (via **Process, Bill of Materials**):

Items | Work Date: 6-9-2020

Search + New Manage **Process** Report Item Prices & Discounts Inventory Attributes Open in Excel Actions Related Reports Fewer options

Master Care Label Additional Comments Item Journal Inventory Profile Image Management
Composition Additional Info VarDim Items Item Reclassification Journal Product Information (PIR) **Bill of Materials**

Item No.	Category	Description	Size	Quantity	Unit	Material	Quantity	Unit	Material
21300105	Finished Goods	Rose Shirt	White.XL	2130		2	No	1	No
21300106	Finished Goods	Rose Shirt	White.XXL	2130		2	No	1	No
21300107	Finished Goods	Rose Shirt	White.3XL	2130		1	No	1	No
213001AA	Finished Goods	Rose Shirt	White.S-XL 1221	2130		1	No	1	No
213001BB	Finished Goods	Rose Shirt	White.S-XXL 1221	2130		0	No	1	No
213001CC	Finished Goods	Rose Shirt	White.M-XXL 1221	2130		0	No	1	No

Generate Temporary BOM
Item BOM
Master BOM.

OK Cancel

Choose **Item BOM** and click **OK**.

213001AA - Rose Shirt | Work Date: 6-9-2020

BOM Component Lines | Search + New Edit List Delete Formula Lines Search Table Lines Group Filter Copy Bill of Materials Next Level Master Wor

Group Filter	No.	Description	Description 2	Part Item No.	Quantity per	Unit of Measure Code	Search Expression	Quantity per in Search Table	Formula	Work Center	Info... Item
→	2130	Rose Shirt			6						
	21300102	Rose Shirt	White.S		1	PCS					
	21300103	Rose Shirt	White.M		2	PCS					
	21300104	Rose Shirt	White.L		2	PCS					
	21300105	Rose Shirt	White.XL		1	PCS					

HOW TO USE THESE ASSORTMENTS

These Assortment Sizes can simply be used as a regular Color/Size in a Matrix.

In the Lines of the Sales Document, Purchase Document and Production Collecting Order you can choose **Type Matrix** to enter the quantities per Color/Assortment of a Master.

In the Lines of the Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Matrix**, to enter the quantities per Color/Assortment of a Master.

I.e. in the Matrix of a Sales Order:

Edit - Sales Order 0100033 - No. 2130 - Rose Shirt -

Search New Edit List Process Open in Excel Actions Related Fewer options

Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL	AA	BB	CC	DD	EE
Q1	White	6	[0]	[2]	[1]	[3]	[1]	[2]	[1]	[1]	[0]	[0]	[0]	[1]
30	Yellow		[1]	[2]	[3]	[2]	[1]	[0]	[0]	[0]	[1]	[0]	[0]	[0]
65	Lawn Green		[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[1]	[0]	[0]
99	Black		[2]	[3]	[4]	[4]	[2]	[0]	[0]	[0]	[0]	[1]	[1]	[0]

MANY COLORS / MANY SIZES ASSORTMENT

The previous explained Assortments were all Assortments based on 1 Color and quantities for many Sizes. You can however also create Assortments based on a combination of several Colors and several Sizes from a Master.

This setup is comparable with the setup of the [Setup Assortments in a Sizes VarDim Type](#) but now you will also have Colors in the Colors VarDim Type with a checkmark in **Assortment**.

SETUP ASSORTMENTS IN A SIZES VARDIM TYPE

When you want to add Assortment Sizes to a regular Sizes VarDim Type, you can simply create extra Values (Variants) in the Sizes VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment.

I.e.

VarDim Variant Option No. SIZE_A - 23 | 🔍 ⌵ + New 🛠 Edit List ⋮

Value ↑	Description	Short Description	Assortment	Hex Code	N
01	XS	XS	☐		
02	S	S	☐		
03	M	M	☐		
04	L	L	☐		
05	XL	XL	☐		
06	XXL	XXL	☐		
07	3XL	3XL	☐		
08	4XL	4XL	☐		
09	5XL	5XL	☐		
AA	S-XL 1221	AA	☒		
BB	S-XXL 1221	BB	☒		
CC	M-XXL 1221	CC	☒		
DD	M-3XL 1221	DD	☒		
EE	L-3XL 1221	EE	☒		
FF	L-4XL 1221	FF	☒		
GG	XL-4XL 1221	GG	☒		
HH	XL-5XL 1221	HH	☒		
II	XXL-5XL 1221	II	☒		
→ ZZ	⋮ M-XXL 1221 - mixed Colors	ZZ	☒		

SETUP ASSORTMENTS IN A COLORS VARDIM TYPE

When you want to add Assortment Colors to a regular Colors VarDim Type, you can simply create extra Values (Variants) in the Colors VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment.

I.e.

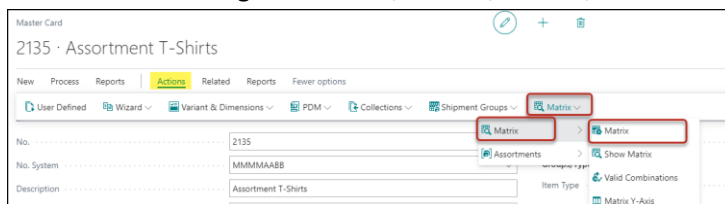
VarDim Variant Option No. COLOR_A - 10							
Value ↓	Description	Short Description	Assort...	Hex Code	No Image	Picture	Attribute Value
ZZ	Red-White-Blue Assortment	ZZ	☒		☐	+	Mixed
YY	Red-White Assortment	YY	☒		☐	+	Mixed
XX	Yellow-Blue Assortment	XX	☒		☐	+	Mixed
MC	Mixed Colors	Mixed	☒		☐	+	Mixed
99	Black	Black	☐	#000000	☐	+	Black
92	Charcoal	Charcoal	☐	#696969	☐	+	Black
90	Grey	Grey	☐	#A9A9A9	☐	+	Black
80	Purple	Purple	☐	#810081	☐	+	Blue
75	Magenta	Magenta	☐	#FF00FF	☐	+	Red
73	Pink	Pink	☐	#FFC0CB	☐	+	Red
72	Fire Red	Fire Red	☐	#EA0055	☐	+	Red

Now, the content of an actual Assortment (for Colors and Sizes) is NOT setup via the VarDim Type, but via the Master to which you connect this specific Colors VarDim Type and Sizes VarDim Type.

HOW TO CONNECT ASSORTMENT TO A MASTER

Once you created the Assortment Colors and Sizes, you can connect them to your Masters.

In the Master Card go to **Actions, Matrix, Matrix, Matrix**:



Pressing <Enter> on the first field **Relation 2 Name** makes sure that the line is created, and you can select the **Options Var1** (the different regular Colors and the Assortment Colors

Edit - - Matrix - Relation 1 NO. 2135 - Assortment T-Shirts						
Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant
→ 2135	Assortment T-Shirts	COLOR_A	8	SIZE_A	13	

Edit - Temporary VarDim Variants						
Mark	Value ↑	Assortment	Blocked	Name		
☐	00	☐	☐	Mixed Colors		
☒	01	☐	☐	White		
☐	03	☐	☐	Snow		
☒	20	☐	☐	Royal Blue		
☐	21	☐	☐	Light Blue		
☐	23	☐	☐	Ocean Blue		
☐	25	☐	☐	Navy		
☐	27	☐	☐	Steelblue		
☒	30	☐	☐	Yellow		
☐	35	☐	☐	Orange		
☐	37	☐	☐	Dark Orange		
☐	40	☐	☐	Brown		
☐	50	☐	☐	Sand		
☐	60	☐	☐	Forest Green		
☐	65	☐	☐	Lawn Green		
☒	70	☐	☐	Red		
☐	72	☐	☐	Fire Red		
☐	73	☐	☐	Pink		
☐	75	☐	☐	Magenta		
☐	80	☐	☐	Purple		
☐	90	☐	☐	Grey		
☐	92	☐	☐	Charcoal		
☐	99	☐	☐	Black		
☒	MC	☐	☐	Mixed Colors		
☒	XX	☐	☐	Yellow-Blue Assortment		
☒	YY	☐	☐	Red-White Assortment		
☒	ZZ	☐	☐	Red-White-Blue Assortment		

After you have marked the applicable Values (Colors and Assortment Colors), click **Close**.

To use the regular Colors in your Assortment Colors, you need to select the regular Colors (01 – 99 if applicable) as well, so you are not able to choose only the Assortment Colors!

After you have selected the **Options Var1**, you need to select the **Options Var2** (the different regular Sizes and the Assortment Sizes).

Edit - - Matrix - Relation 1 NO. 2135 - Assortment T-Shirts

Search + New Edit List Delete Open in Excel More options

Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant
→ 2135	Assortment T-Shirts	COLOR_A	8	SIZE_A	13	

Edit - Temporary VarDim Variants

Search + New Edit List Open in Excel More options

Mark	Value ↑	Assortment	Blocked	Name
☒	01	☐	☐	XS
☒	02	☐	☐	S
☒	03	☐	☐	M
☒	04	☐	☐	L
☒	05	☐	☐	XL
☒	06	☐	☐	XXL
☒	07	☐	☐	3XL
☒	08	☐	☐	4XL
☒	09	☐	☐	5XL
☒	AA	☒	☐	S-XL 1221
☐	BB	☒	☐	S-XXL 12211
☒	CC	☒	☐	M-XXL 1221
☐	DD	☒	☐	M-3XL 12211
☐	EE	☒	☐	L-3XL 1221
☐	FF	☒	☐	L-4XL 12211
☒	GG	☒	☐	XL-4XL 1221
☐	HH	☒	☐	XL-5XL 12211
☐	II	☒	☐	XXL-5XL 1221
☒	ZZ	☒	☐	M-XXL 1221 - mixed Colors

Now we still need to determine the content of the Assortments itself.

In this page, you need to click **Related, Matrix Master, Create/Maintain Assortment**.

Edit - - Matrix - Relation 1 NO. 2135 - Assortment T-Shirts

Search + New Edit List Delete Open in Excel Related Fewer options

Matrix Master

- Positive List
- Matrix Y-Axis
- Matrix Cells
- Test Matrix Cells Line No.
- Valid Combinations
- Status Codes
- Availability Check
- Calculate Unit Price
- Test Unit Cost
- Create/Maintain Assortment
- Quantity in Matrix

Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant
→ 2135	Assortment T-Shirts	COLOR_A	8	SIZE_A	13	

Edit - - Matrix Master - No. 2135 - Assortment T-Shirts -

Search New Edit List Process Open in Excel More options

Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL	4XL	5XL	AA	CC	GG	ZZ
01	White		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
20	Royal Blue		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
30	Yellow		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
70	Red		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
MC	Mixed Colors		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
XX	Yellow-Blue Assortment		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
YY	Red-White Assortment		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]
ZZ	Red-White-Blue Assortment		-	-	-	-	-	-	-	-	-	[0]	[0]	[0]	[0]

In every Matrix Cell of an one Color/Assortment Size (AA/CC/GG), you need to enter an *M* or *m* to fill the actual content of the Assortment as we did before in [Setup Assortments in a Sizes VarDim Type](#).

The same must be done for the Assortment Size ZZ, especially in combination with the Assortment Colors MC, XX, YY, ZZ.

I.e. if you enter *M* in the Matrix Cell of ZZ/ZZ and click **<Enter>** you can fill the quantities for the Colors and Sizes in that Assortment.

Edit - - No. 2135 - Assortment T-Shirts -

Search New Edit List Process Open in Excel More options

Variant 1	Variant Description	Line Quantity	Matrix Distribution Code	XS	S	M	L	XL	XXL	3XL	4XL	5XL	AA	CC	GG	ZZ
01	White	6			1	2	2	1					-	-	-	-
20	Royal Blue	6			1	2	2	1					-	-	-	-
30	Yellow				1	2	2	1					-	-	-	-
70	Red	6			1	2	2	1					-	-	-	-
MC	Mixed Colors			-	-	-	-	-	-	-	-	-	-	-	-	-
XX	Yellow-Blue Assortment			-	-	-	-	-	-	-	-	-	-	-	-	-
YY	Red-White Assortment			-	-	-	-	-	-	-	-	-	-	-	-	-
ZZ	Red-White-Blue Assortment			-	-	-	-	-	-	-	-	-	-	-	-	-

This must be done for every Color/Size combination; so, based on the pictures above with 8 colors and 4 Sizes: 32 times!

As you can see; the content of the Assortment is related to the Master; not to a specific VarDim Type. Therefore, it means that you must determine the content of every Assortment combination in every Master where you want to use these Assortments.

Based on the selected Colors and Sizes via **Actions, Matrix, Matrix, Matrix** in the Master List/Card, the Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will get automatically some specific content, the same way as in [Setup Assortments in a Separate VarDim Type](#):

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

In other words: The **Direct Unit Cost** and the **Unit Price** for the Assortment Items will simply be based on the sum of the Direct Unit Costs and Unit Prices of the underlying Items. Of course, this also influences the **Unit Cost** (based on the **Direct Unit Cost**) of the Assortment Items.

I.e. if 1 Item has a **Direct Unit Cost** of 30, and there are 18 pieces in an Assortment, the **Direct Unit Cost** for the Assortment becomes $30 \times 18 = 540$.

If this is not what you want, you need to change these two fields manually in the Item Card.

In that case, you can enter the **Last Direct Cost**, (Standard/Calculated) **Unit Cost** on the Assortment Items manually and make sure that you have entered the Sales Prices specifically for these Assortment Items by using the Search Expression or Formulas in the Master Sales Prices, or by entering the Sales Prices related to the individual Assortment Items as described before.

HOW TO MAKE USE OF THE MATRIX DISTRIBUTION

Also for the Assortments of many Colors/many Sizes, you can use the **Matrix Distribution** for the quantities per Size as described in [How to make use of the Matrix Distribution](#).

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The underlying Items of Assortment Items can also be seen in the Bill of Materials of the Assortment Items (via **Process, Bill of Materials**):

Items

×

You can get the sales forecast updated automatically every week.

Set Up Scheduled Forecasting | Don't ask again

Search

+ New

Manage

Process

Report

Item

Prices & Discounts

Inventory

Attributes

Open in Excel

More options

Master

Care Label

Additional Comments

Item Journal

Inventory Profile

Image Management

Composition

Additional Info

VarDim Items

Item Reclassification Journal

Product Information (PIR)

Bill of Materials

No. ↓	Item Type	Description	Description 2	Master No.
2135ZZZZ	Finished Goods	Assortment T-Shirts	Red-White-Blue Assortment,M-XXL 1221 - mixed Color	2135
2135ZZGG	Finished Goods	Assortment T-Shirts	Red-White-Blue Assortment,XL-4XL 1221	2135
2135ZZCC	Finished Goods	Assortment T-Shirts	Red-White-Blue Assortment,M-XXL 1221	2135

Details

Attach

Item Details - Invoicing

Generate Temporary BOM

Item BOM

Master BOM

OK

Cancel

Choose **Item BOM** and click **OK**.

2135ZZZZ - Assortment T-Shirts											
BOM Component Lines											
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula	Work Center
→ Matrix			2135	Assortment T-Shirts		18			☐		
Item			21350102	Assortment T-Shirts	White,S	1	PCS		☐		
Item			21350103	Assortment T-Shirts	White,M	2	PCS		☐		
Item			21350104	Assortment T-Shirts	White,L	2	PCS		☐		
Item			21350105	Assortment T-Shirts	White,XL	1	PCS		☐		
Item			21352002	Assortment T-Shirts	Royal Blue,S	1	PCS		☐		
Item			21352003	Assortment T-Shirts	Royal Blue,M	2	PCS		☐		
Item			21352004	Assortment T-Shirts	Royal Blue,L	2	PCS		☐		
Item			21352005	Assortment T-Shirts	Royal Blue,XL	1	PCS		☐		
Item			21357002	Assortment T-Shirts	Red,S	1	PCS		☐		
Item			21357003	Assortment T-Shirts	Red,M	2	PCS		☐		
Item			21357004	Assortment T-Shirts	Red,L	2	PCS		☐		
Item			21357005	Assortment T-Shirts	Red,XL	1	PCS		☐		

HOW TO USE THESE ASSORTMENTS

These Assortments can simply be used as a regular Color/Size in a Matrix.

In the Lines of the Sales Document, Purchase Document and Production Collecting Order you can choose **Type Matrix** to enter the quantities per Color/Assortment of a Master.

In the Lines of the Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Matrix**, to enter the quantities per Color/Assortment of a Master.

I.e. in the Matrix of a Sales Order:

Edit - - Sales Order 0100007 - No. 2135 - Assortment T-Shirts -

Search

New

Edit List

Process

Open in Excel

More options

Variant 1	Variant Description	Line	Quantity	Matrix Distribution Code	XS	S	M	L	XL	XXL	3XL	4XL	5XL	AA	CC	GG	ZZ
01	White													-	-	-	-
20	Royal Blue													-	-	-	-
30	Yellow													-	-	-	-
70	Red													-	-	-	-
MC	Mixed Colors				-	-	-	-	-	-	-	-	-	-	-	-	-
XX	Yellow-Blue Assortment				-	-	-	-	-	-	-	-	-	-	-	-	-
YY	Red-White Assortment				-	-	-	-	-	-	-	-	-	-	-	-	-
→ ZZ	Red-White-Blue Assortment				-	-	-	-	-	-	-	-	-	-	-	-	10

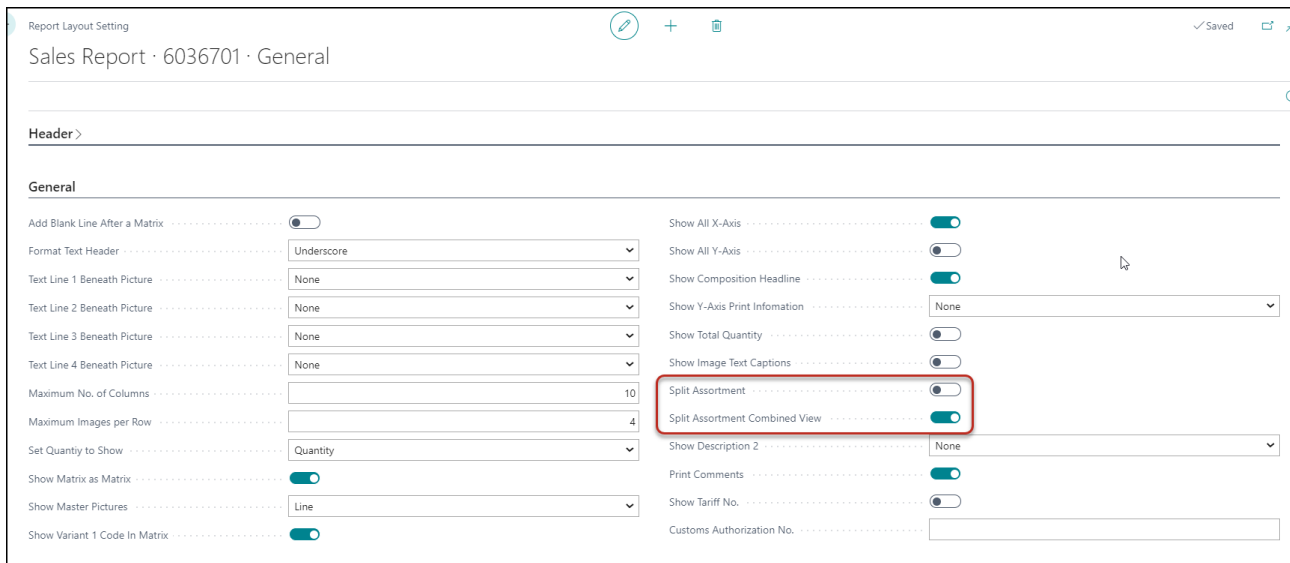
NOTE

You can only enter Quantities on the Matrix Cells of the single Color/single Size and for the combinations, for which you did fill the **Create/Maintain Assortment**.

PRINTING SALES-/PURCHASE DOCUMENT

Specifically, regarding Assortments used in Sales-/Purchase Lines, it is important to set the Assortment-related fields in the **Report Layout Settings** for the following Reports:

6036700	trm Sales Quote
6036701	trm Sales Order
6036702	trm Sales Invoice
6036703	trm Sales Credit Memo
6036704	trm Sales Shipment
6036730	trm Purchase Order



Report Layout Setting

Sales Report · 6036701 · General

Header >

General

Add Blank Line After a Matrix: ☐

Format Text Header: Underscore

Text Line 1 Beneath Picture: None

Text Line 2 Beneath Picture: None

Text Line 3 Beneath Picture: None

Text Line 4 Beneath Picture: None

Maximum No. of Columns: 10

Maximum Images per Row: 4

Set Quantity to Show: Quantity

Show Matrix as Matrix: ☒

Show Master Pictures: Line

Show Variant 1 Code In Matrix: ☒

Show All X-Axis: ☒

Show All Y-Axis: ☐

Show Composition Headline: ☒

Show Y-Axis Print Information: None

Show Total Quantity: ☐

Show Image Text Captions: ☐

Split Assortment: ☐ No ☒ Yes

Split Assortment Combined View: ☐ No ☒ Yes

Show Description 2: None

Print Comments: ☒

Show Tariff No.: ☐

Customs Authorization No.:

SPLIT ASSORTMENT

This field and **Split Assortment Combined View** determine how the information of an **Assortment Matrix** line or a **Matrix** line with single Sizes and Assortments will be printed.

Default is *No*.

SPLIT ASSORTMENT COMBINED VIEW

This field and **Split Assortment** determine how the information of an **Assortment Matrix** line will be printed or a **Matrix** line with single Sizes and Assortments will be printed

Default is *Yes*.

I.e.: **2110** is an Assortment Matrix line and **2130** is a Matrix line with single Sizes and Assortments

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	10	79,00	255,936	2.559,36
		No / No			
	AA BB CC GG HH				
30 Yellow	1 2		592,50		
60 Forest Green		2 1	625,42		
70 Red			691,25		
73 Pink		1	592,50		
2130	Rose Shirt	26	10,00	15,69231	408,00
					
	XS S M L XL XXL 3XL AA BB				
01 White		1 2 3	25,56		
99 Black		2 3 3 3	26,47		
	L2 CC DD EE				
01 White	L2				
99 Black	L2 2 1				

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	64	79,00	39,99	2.559,36
		Yes / No			
	XS S M L XL XXL 3XL				
30 Yellow	1 4 6 5 2	70,22			
60 Forest Green	1 2 4 5 5 2	0,00			
70 Red	3 6 6 3 3	0,00			
73 Pink	1 2 2 1	0,00			
2130	Rose Shirt	77	10,00	5,2987	408,00
					
	XS S M L XL XXL 3XL				
01 White	4 8 9 3 2	8,08			
99 Black	5 12 15 12 6 1	8,63			

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	64	79,00	39,99	2.559,36
	No / Yes				

No.	Description	Quantity	List Price	Unit Price	Amount					
2110	Mia Blouse	64	79,00	39,99	2.559,36					
										
Yes / Yes										
		XS	S	M	L	XL	XXL	3XL		
30 Yellow		1	4	6	5	2			70,22	
60 Forest Green		1	2	4	5	5	2		0,00	
70 Red			3	6	6	3	3		0,00	
73 Pink				1	2	2	1		0,00	
2130	Rose Shirt	77	10,00	5,2987	408,00					
										
		XS	S	M	L	XL	XXL	3XL	AA	BB
01 White		4 [3]	8 [6]	9 [6]	3 [3]	2 [2]			1*	2*
99 Black		5 [3]	12 [9]	15 [12]	12 [9]	6 [6]	1 [1]			3*
		L2	CC	DD	EE					
01 White		L2								
99 Black		L2	2*	1*						

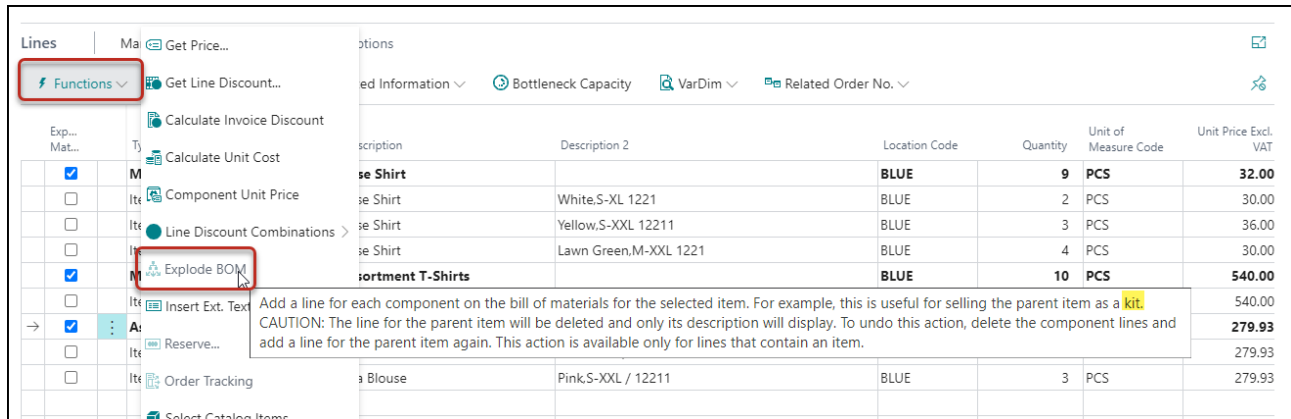
NOTE

For the other fields in the **Report Layout Settings**, see the **White Paper – TRIMIT Reports**.

EXPLODING ASSORTMENT

IN SALES-/PURCHASE-/TRANSFER ORDERS

In a Sales Order you can use **Explode BOM** (via **Line, Functions, Explode BOM**) on an Item Line that represents an Assortment (regardless which type of Assortment it might be).

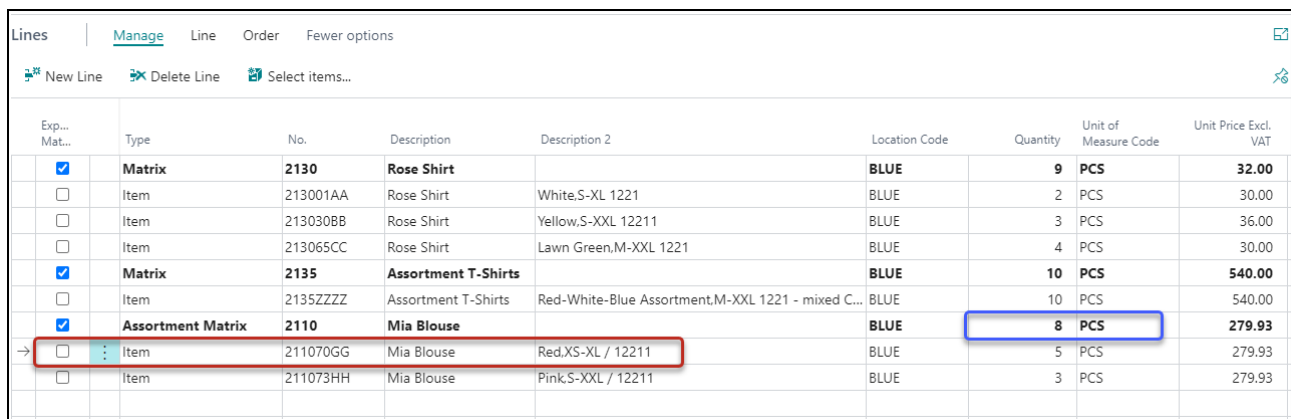


Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT
Rose Shirt		BLUE	9	PCS	32.00
Rose Shirt	White,S-XL 1221	BLUE	2	PCS	30.00
Rose Shirt	Yellow,S-XXL 12211	BLUE	3	PCS	36.00
Rose Shirt	Lawn Green,M-XXL 1221	BLUE	4	PCS	30.00
Assortment T-Shirts		BLUE	10	PCS	540.00
					540.00
					279.93
					279.93
Blouse	Pink,S-XXL / 12211	BLUE	3	PCS	279.93

NOTE

Kit = Business Central functionality comparable to the TRIMIT Assortment.
But we will always advise to use the TRIMIT Assortments.

I.e. This Assortment Item Line:



Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT
Matrix	2130	Rose Shirt		BLUE	9	PCS	32.00
Item	213001AA	Rose Shirt	White,S-XL 1221	BLUE	2	PCS	30.00
Item	213030BB	Rose Shirt	Yellow,S-XXL 12211	BLUE	3	PCS	36.00
Item	213065CC	Rose Shirt	Lawn Green,M-XXL 1221	BLUE	4	PCS	30.00
Matrix	2135	Assortment T-Shirts		BLUE	10	PCS	540.00
Item	2135ZZZZ	Assortment T-Shirts	Red-White-Blue Assortment,M-XXL 1221 - mixed C...	BLUE	10	PCS	540.00
Assortment Matrix	2110	Mia Blouse		BLUE	8	PCS	279.93
Item	211070GG	Mia Blouse	Red,XS-XL / 12211	BLUE	5	PCS	279.93
Item	211073HH	Mia Blouse	Pink,S-XXL / 12211	BLUE	3	PCS	279.93

Will then explode after confirming following message:



Explode the BOM?

Yes No

Into:

Lines Manage <u>Line</u> Order Fewer options									
⚡ Functions 📅 Item Availability by ℹ️ Related Information 🕒 Bottleneck Capacity 🔍 VarDim 📄 Related Order No.									
Exp... Mat...	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	1
☒	Matrix	2130	Rose Shirt		BLUE	9	PCS	32.00	
☐	Item	213001AA	Rose Shirt	White,S-XL 1221	BLUE	2	PCS	30.00	
☐	Item	213030BB	Rose Shirt	Yellow,S-XXL 12211	BLUE	3	PCS	36.00	
☐	Item	213065CC	Rose Shirt	Lawn Green,M-XXL 1221	BLUE	4	PCS	30.00	
☒	Matrix	2135	Assortment T-Shirts		BLUE	10	PCS	540.00	
☐	Item	2135ZZZZ	Assortment T-Shirts	Red-White-Blue Assortment,M-XXL 1221 - mixed C...	BLUE	10	PCS	540.00	
☒	Assortment Matrix	2110	Mia Blouse		BLUE	3	PCS	279.93	
☐	Item	211073HH	Mia Blouse	Pink,S-XXL / 12211	BLUE	3	PCS	279.93	
→ ☐			Mia Blouse		BLUE				
☐	Item	21107001	Mia Blouse	Red,XS	BLUE	5	PCS	39.99	
☐	Item	21107002	Mia Blouse	Red,S	BLUE	10	PCS	39.99	
☐	Item	21107003	Mia Blouse	Red,M	BLUE	10	PCS	39.99	
☐	Item	21107004	Mia Blouse	Red,L	BLUE	5	PCS	39.99	
☐	Item	21107005	Mia Blouse	Red,XL	BLUE	5	PCS	39.99	

After the **Explode BOM** function, you lose the fact that an Assortment was bought by the customer, but only see the underlying Items (and simply as Item Lines – not as part of a Matrix!!), and the **Unit Price Excl. VAT** will be determined again based on the Sales Prices of the individual Items!

Therefore, if you have a special Assortment Price which is not the sum of the individual Sales Prices of the Items it contents, you need to change the **Unit Price Excl. VAT** on the new created Item Lines manually. The **Quantity** of the original (Assortment) Matrix will also be corrected.

The new Item Lines will always be added at the end of all the Sales Lines.

This function is also available in other Sales-/Purchase Documents and Transfer Orders via **Line, Functions, Explode BOM** or **Functions, Explode BOM**

IN ITEM-/PHYSICAL INVENTORY JOURNAL

EXPLODE AN ASSORTMENT

In case you want to explode (unpack) an Assortment-Item into its regular Items, you can use the **Item Journal**.

Step 1: enter a **Negative Adjustment** for the Assortment-Item

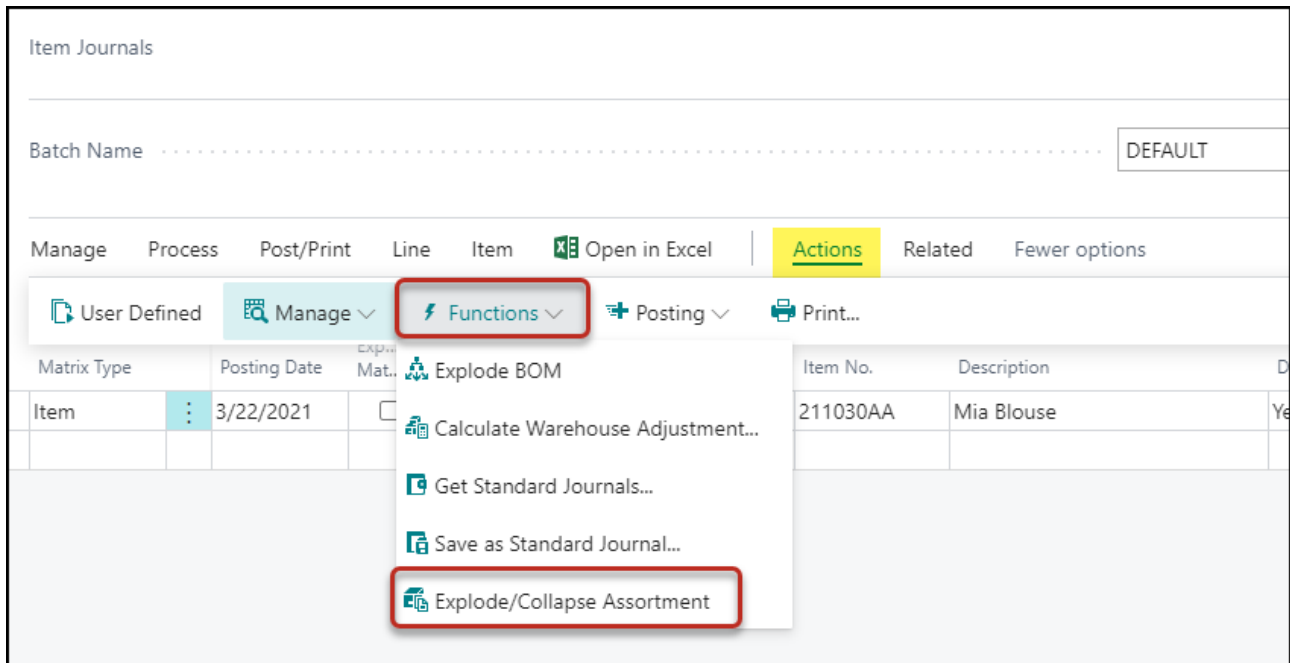
Item Journals

Batch Name DEFAULT

Manage Process Post/Print Line Item  Open in Excel | Actions Related Fewer options

Matrix Type	Posting Date	Exp... Mat...	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Amo
Item	3/22/2021	☐	Negative Adjmt.	T00001	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE	2	PCS	C

Step 2: click **Actions, Functions, Explode/Collapse Assortment**

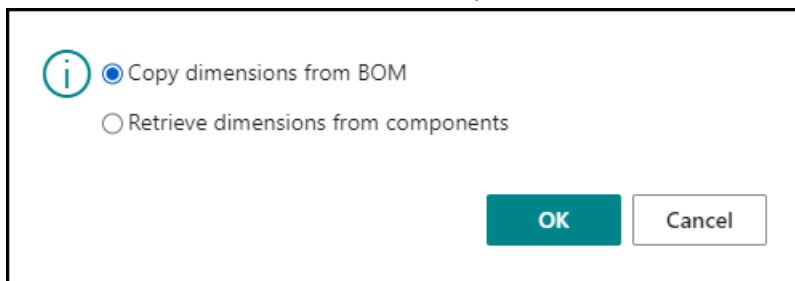


The screenshot shows the 'Item Journals' window. The 'Batch Name' is set to 'DEFAULT'. The 'Actions' tab is selected. The 'Functions' dropdown menu is open, and 'Explode/Collapse Assortment' is highlighted. Other options in the menu include 'Explode BOM', 'Calculate Warehouse Adjustment...', 'Get Standard Journals...', and 'Save as Standard Journal...'.

This function will automatically create the “regular” Item Lines with a **Positive Adjustment**, based on the content of the Assortment.

You will get a message to determine where to take the Dimensions from:

- Copy Dimension from BOM = Copy Dimensions from Assortment-Item
- Retrieve Dimensions from Components = Take Dimensions from “regular” Items:



The dialog box has two radio buttons. The first is selected: ☒ Copy dimensions from BOM. The second is: ☐ Retrieve dimensions from components. There are 'OK' and 'Cancel' buttons at the bottom.

Matrix Type	Posting Date	Exp... Mat...	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit A
Item	3/22/2021	☐	Negative Adjmt.	T00001	211030AA	Mia Blouse	Yellow.XS-L / 1221	BLUE	2	PCS	
Item	3/22/2021	☐	Positive Adjmt.	T00001	21103001	Mia Blouse	Yellow.XS	BLUE	2	PCS	
Item	3/22/2021	☐	Positive Adjmt.	T00001	21103002	Mia Blouse	Yellow.S	BLUE	4	PCS	
Item	3/22/2021	☐	Positive Adjmt.	T00001	21103003	Mia Blouse	Yellow.M	BLUE	4	PCS	
Item	3/22/2021	☐	Positive Adjmt.	T00001	21103004	Mia Blouse	Yellow.L	BLUE	2	PCS	

COLLAPSE AN ASSORTMENT

In case you want to collapse (pack) an Assortment-Item from its regular Items, you can use the **Item Journal**.

Step 1: enter a **Positive Adjustment** for the Assortment-Item

Item Journals

Batch Name DEFAULT

Manage Process Post/Print Line Item  Open in Excel Actions Related Fewer options

Matrix Type	Posting Date	Exp... Mat...	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code
Item	4/1/2021	☐	Positive Adjmt.	T00002	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE	1	PCS

Step 2: click **Actions, Functions, Explode/Collapse Assortment**

Manage Process Post/Print Line Item  Open in Excel **Actions** Related Fewer options

User Defined Manage  Functions  Posting  Print...

Matrix Type Posting Date Exp... Mat...  Explode BOM

Item 4/1/2021  Calculate Warehouse Adjustment...

 Get Standard Journals...

 Save as Standard Journal...

 Explode/Collapse Assortment

Item No.	Description
211030AA	Mia Blouse

This function will automatically create the “regular” Item Lines with a **Negative Adjustment**, based on the content of the Assortment.

You will get a message to determine where to take the Dimensions from:

 ☒ Copy dimensions from BOM

☐ Retrieve dimensions from components

OK Cancel

Matrix Type	Posting Date	Exp... Mat...	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Quantity	U M
Item	4/1/2021	☐	Positive Adjmt.	T00002	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE	1	PC
Item	4/1/2021	☐	Negative Adjmt.	T00002	21103001	Mia Blouse	Yellow,XS	BLUE	1	PC
Item	4/1/2021	☐	Negative Adjmt.	T00002	21103002	Mia Blouse	Yellow,S	BLUE	2	PC
Item	4/1/2021	☐	Negative Adjmt.	T00002	21103003	Mia Blouse	Yellow,M	BLUE	2	PC
Item	4/1/2021	☐	Negative Adjmt.	T00002	21103004	Mia Blouse	Yellow,L	BLUE	1	PC