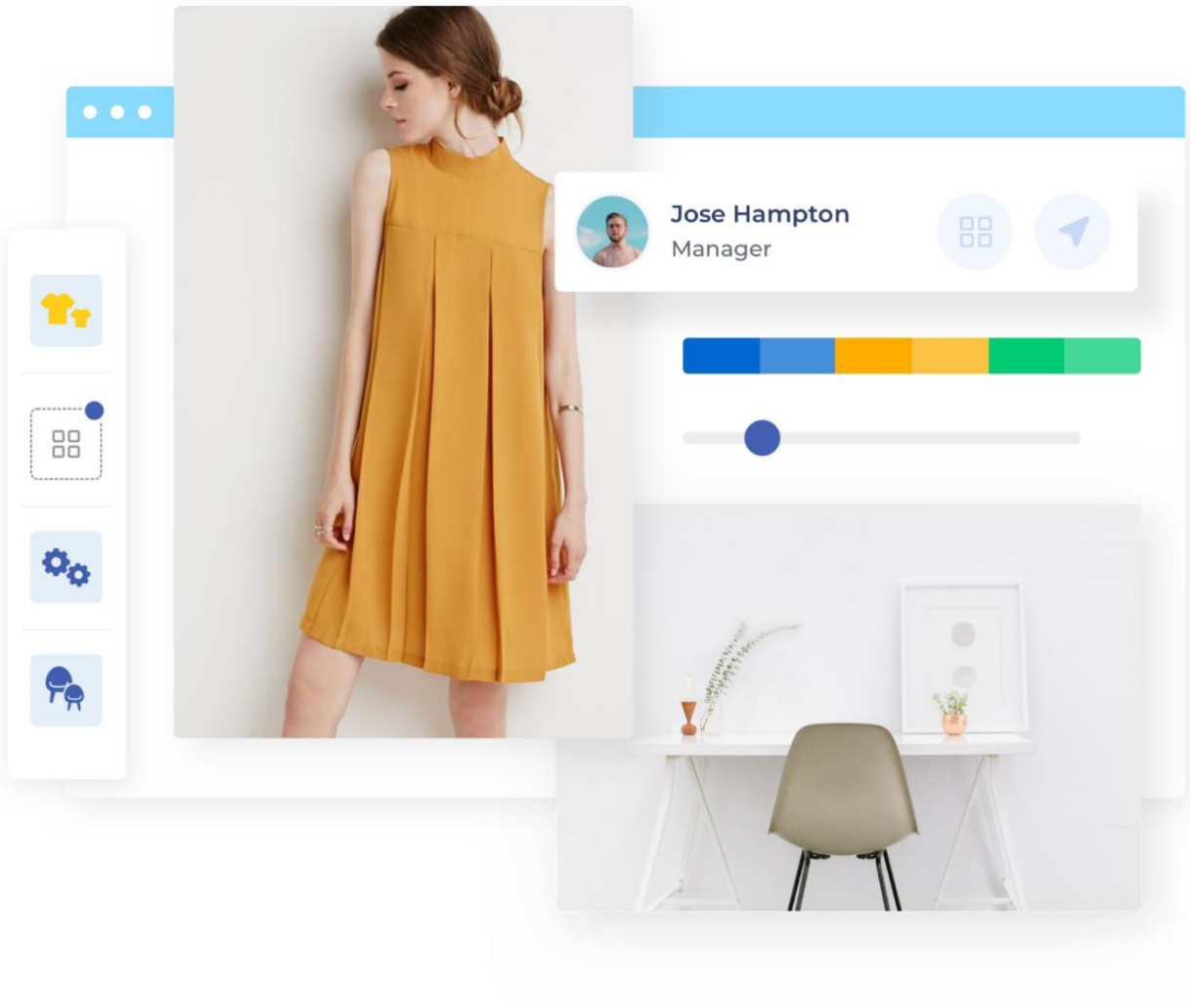

WHITE PAPER

TRIMIT Matrix Distribution 21.2

This document contains information about the Matrix Distribution functionality in TRIMIT 21.2 for Microsoft Dynamics 365 Business Central 2021, Wave 2 (W1).

Version: 21.2
Date: 08-04-2022

CONTENTS

Introduction 1
Components 1
Matrix Distribution Setup 2
VarDim Type 2
Matrix Distribution 2
Matrix Distribution Card 3
Sales & Receivables Setup 5
Purchase & Payables Setup 5
Matrix Distribution Process 6
Using Matrix Distribution Codes 6
Using Matrix Distribution without pre-defined Codes 10
Without pre-entered Quantities 10
With pre-entered Quantities 10

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INTRODUCTION

TRIMIT Matrix Distribution enables you to distribute default quantities per size in the Matrix.
This is possible all through the system:

- In Sales. For example, in Quote, Order, Blanket Order, Return Order and Invoice
- In Purchase. For example, in Requisition, Order, Blanket Order, Return Order and Credit Memo
- In Production. For example, in Production Collecting Orders
- In Inventory. For example, in Transfer Order and Item Journal
- In Service. For example, in Complaints

Within Fashion it is very common that quantities are ordered in a specific distribution over the sizes. A typical distribution of quantities per size could look like this:

Size:	Small	Medium	Large	Extra Large
Quantity:	1	2	2	1

With **Matrix Distribution**, you can create default distributions for each Size Table. It is even possible to add filtering, to make the distributions only available in certain situations.

NOTE
The Matrix Distribution is only a tool to enter quantities in a specific distribution over all the sizes.
It is not another Unit of Measure or a pre-packed set.
For that purpose, you could use the TRIMIT Assortments.

The functionality described is the functionality in **TRIMIT 21.2 for Business Central W1 BC19.X**.
The pictures in this White Paper are based on the demo database for **TRIMIT 21.2,** which is based on Microsoft Dynamics 365 Business Central 2021 Release Wave 2, in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. of Microsoft Dynamics 365 Business Central).

COMPONENTS

TRIMIT Matrix Distribution uses the following objects:

The tables	***6037132 trm Matrix Distribution Type***
	6037133 trm Matrix Distribution Value
	6037110 trm Temp Matrix Order
The pages	***6036821 trm Distribution Matrix***
	6036822 trm Matrix Distribution Card
	6037100 trm VarDim Types List
	6037126 trm Matrix Orders Matrix Sheet
The Codeunit	***6037134 trm Matrix Form Handling***

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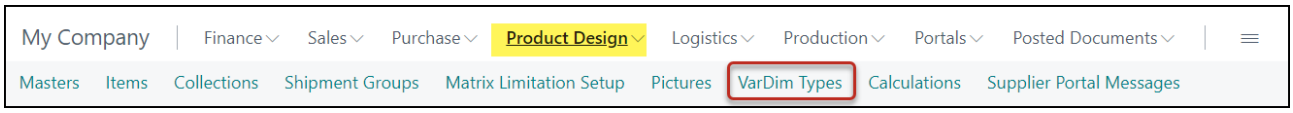
MATRIX DISTRIBUTION SETUP

The **Matrix Distribution** can be pre-defined for a VarDim Type (Size Table) and can be used in the Matrix Lines of Sales, Purchase, Production Collecting Orders and Inventory.

VARDIM TYPE

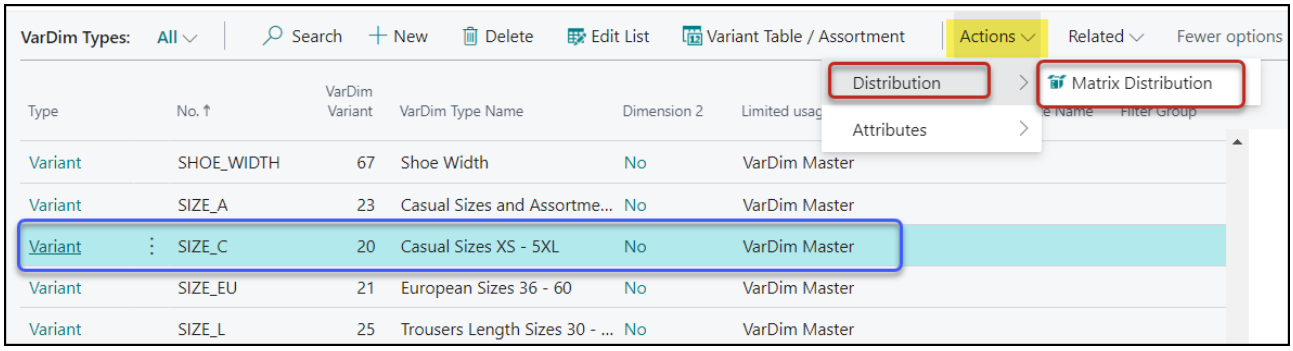
The **Matrix Distribution Code** is created per VarDim Type which can be found via ***Product Design, VarDim Types*** in the TRIMIT Small Business Role Center or via **Tell me** *VarDim Types.*



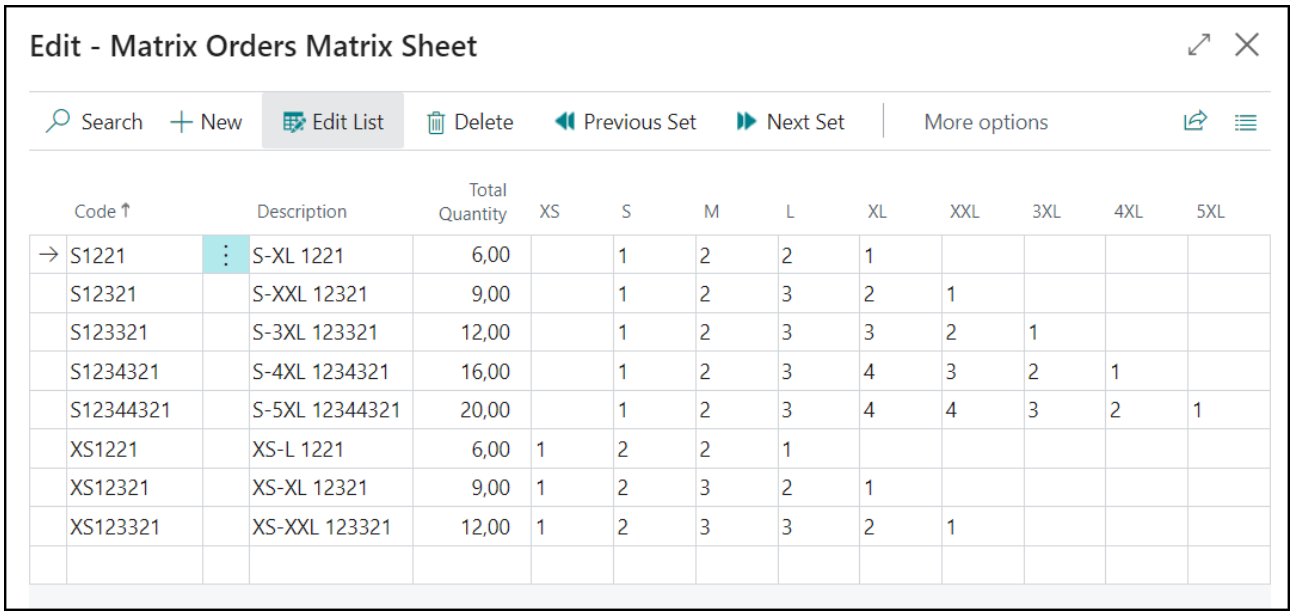
MATRIX DISTRIBUTION

After a **VarDim Type** (a Size Table) and it's **VarDim Variant Options** (the Sizes in the Size Table) have been created you can create **Matrix Distribution Code** for this specific **VarDim Type.**

The **Matrix Distributions** can be opened from the VarDim Types List, and can be found via ***Actions, Distribution, Matrix Distribution*** or by pressing **Ctrl+M.**



Select a **VarDim Type** that is used as X-Axis (columns) in a Matrix, with **Type** *Variant* (typically a Size table). In the next example the **VarDim Type** called *SIZE_C* will be used.



Code	Description	Total Quantity	XS	S	M	L	XL	XXL	3XL	4XL	5XL
S1221	S-XL 1221	6,00		1	2	2	1				
S12321	S-XXL 12321	9,00		1	2	3	2	1			
S123321	S-3XL 123321	12,00		1	2	3	3	2	1		
S1234321	S-4XL 1234321	16,00		1	2	3	4	3	2	1	
S12344321	S-5XL 12344321	20,00		1	2	3	4	4	3	2	1
XS1221	XS-L 1221	6,00	1	2	2	1					
XS12321	XS-XL 12321	9,00	1	2	3	2	1				
XS123321	XS-XXL 123321	12,00	1	2	3	3	2	1			

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DESCRIPTION OF THE FIELDS:

CODE
The ID for this Matrix Distribution.

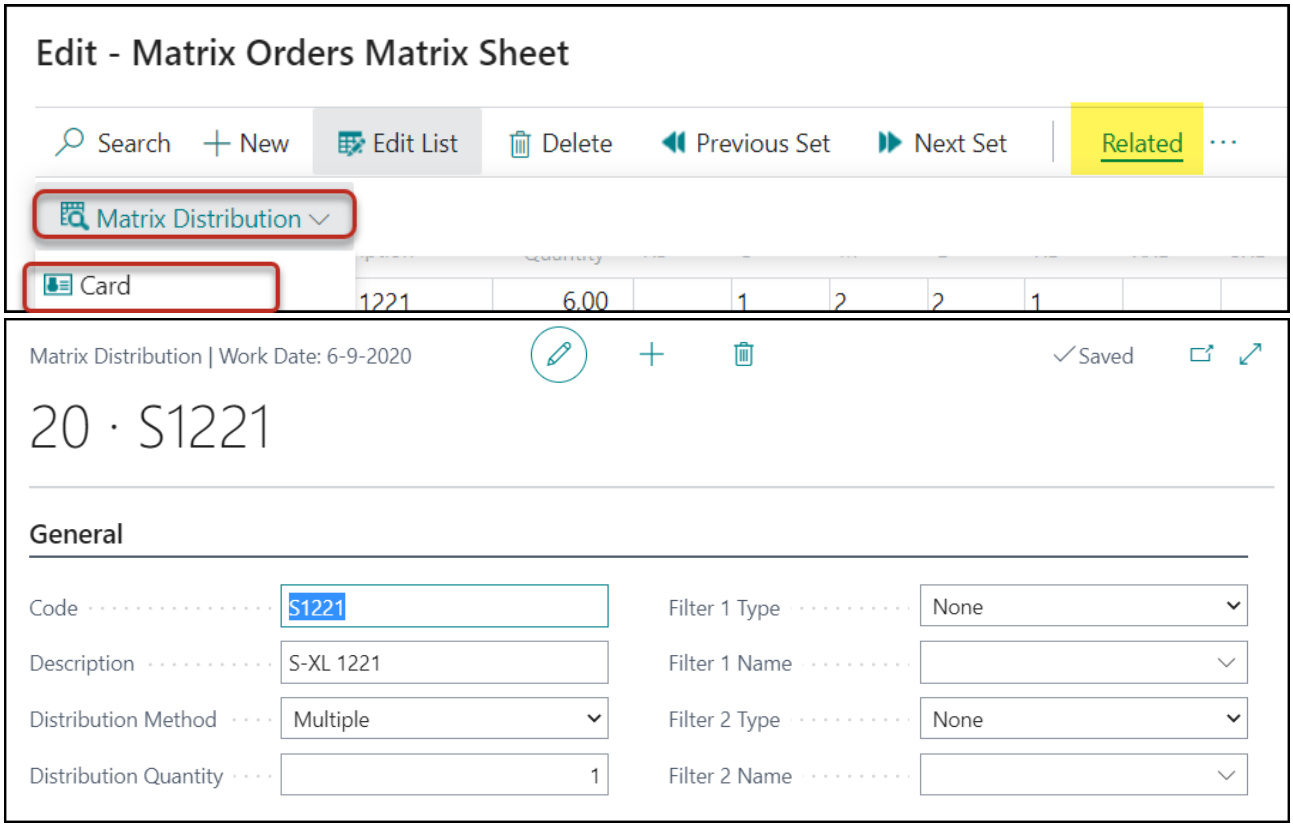
DESCRIPTION
Description of this Matrix Distribution Code.

> **NOTE**
> It can be useful to fill the Description of the Matrix Distribution Code with the quantities per Size (for example 1221). This helps when a user needs to select the right Matrix Distribution Code for a Matrix Line.

Now you can enter the quantities per Size in the Matrix.
The **Total Quantity** will be calculated automatically based on the quantities per Size.

MATRIX DISTRIBUTION CARD

Each Line has a Card with more Parameters which can be opened via ***Related, Matrix Distribution, Card*** or press **Shift+F7**.



DESCRIPTION OF FIELDS:

CODE
The ID for this Matrix Distribution

DESCRIPTION
Description of this Matrix Distribution

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DISTRIBUTION METHOD

Here you decide how the Matrix Distribution default will be used in the Order Matrix.
You can choose between to following four options:

Multiple	The quantities of the Distribution will be entered to the Matrix Line and multiplied by the value in the field **Distribution Quantity** (see example 1 and 2)
Total	The quantities of the Distribution will be entered to the Matrix Line and calculated to a **Total Quantity** matching the field **Distribution Quantity** (see example 3)
Multiple All	The quantities of the Distribution will be entered to all the Matrix Lines and multiplied by the value in the field **Distribution Quantity** (see example 4)
Total All	The quantities of the Distribution will be entered to all the Matrix Lines and calculated to a **Total Quantity** matching the field **Distribution Quantity** (see example 5)

DISTRIBUTION QUANTITY

Here you decide the default for the **Distribution Quantity** if you enter the Matrix Distribution Code in a Matrix Line. For example:
You have a **Matrix Distribution** for *1-2-2-1*, the **Distribution Method** is *Multiple,* and the **Distribution Quantity** is *5*. This means that when you enter a Matrix Line, and enter this specific **Matrix Distribution Code**, you will see 5-10-10-5.

FILTER 1 TYPE

Here you decide if the **Matrix Distribution Code** can only be used related to specific data.
You can choose the following six options:

None	No filters are set
Master No.	Only for specific Masters, this Matrix Distribution Code can be used
Customer	Only for a specific Sell-To Customer in Sales (Quote, Order, Invoice, etc.), this Matrix Distribution Code can be used.
Customer Price Group	Only for Sales (Quote, Order, Invoice, etc.) with a specific Customer Price Groups, this Matrix Distribution Code can be used.
Order Type	Only for Sales (Quote, Order, Invoice, etc.) and Purchase (Quote, Order, Invoice, etc.) with a specific Order Type, this Matrix Distribution Code can be used.
Vendor	Only for a specific Vendor in Purchase (Requisition, Order, Invoice, etc.), this Matrix Distribution Code can be used.

FILTER 1 NAME

Here you fill in the filter for the **Filter Type 1** that is applicable for this **Matrix Distribution Code.**
It can one be one specific *Master, Customer, Customer Price Group, Order Type* or *Vendor* – depending on the **Filter Type 1** – so not an actual filter.

FILTER 2 TYPE

A second filter type can be set with the same possibilities as **Filter 1 Type.**

FILTER 2 NAME

Here you fill in the filter for the **Filter Type 2** that is applicable for this **Matrix Distribution Code.**
It can one be one specific *Master, Customer, Customer Price Group, Order Type* or *Vendor* – depending on the **Filter Type 2** – so not an actual filter.

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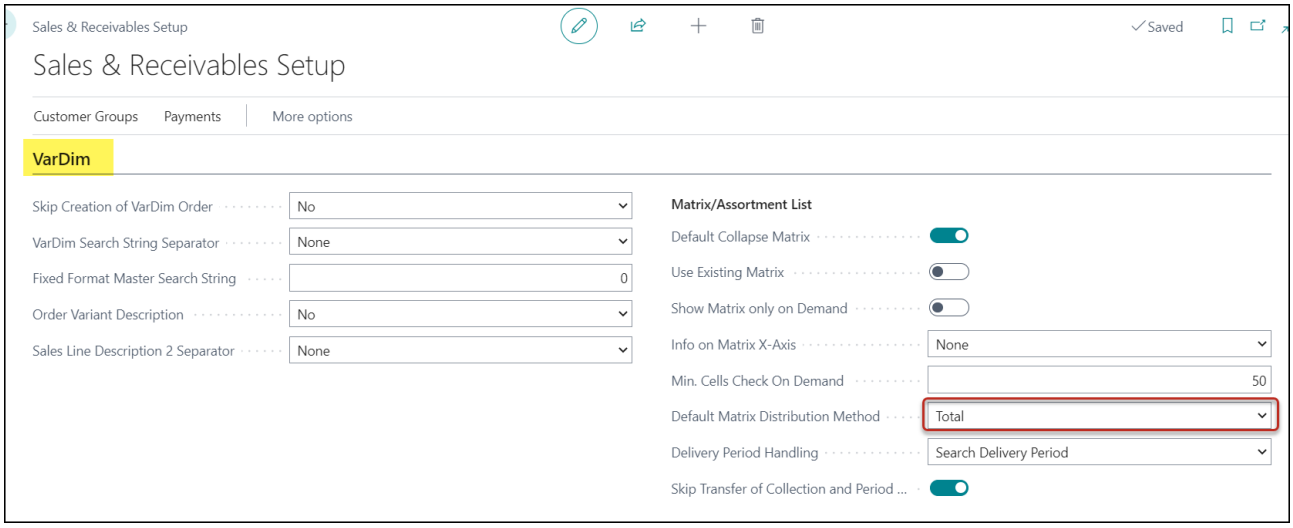
SALES & RECEIVABLES SETUP

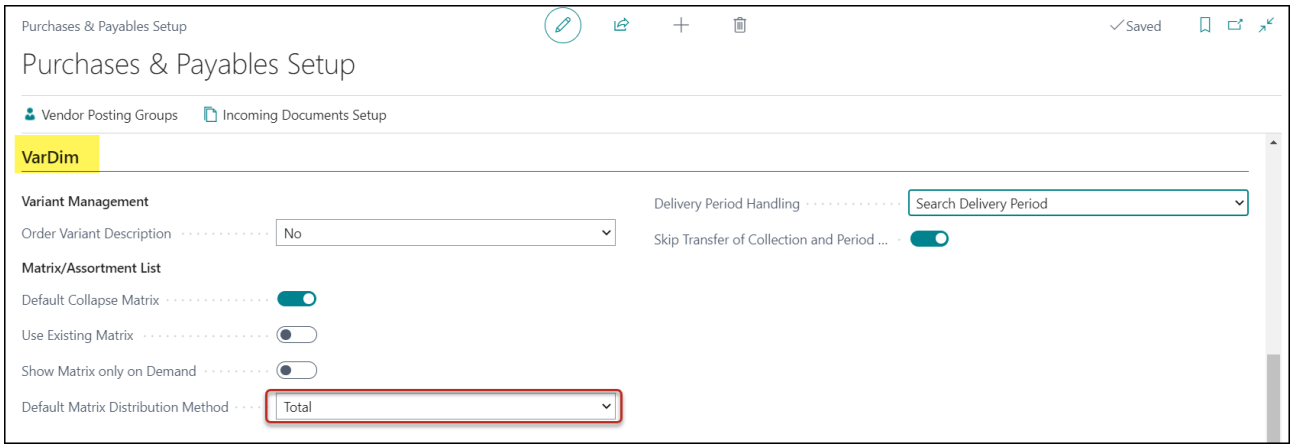
You can set a **Default Matrix Distribution Method** in the Sales & Receivables Setup, FastTab ***VarDim***, for all Sales Documents.



In this Parameter you can set the default for the **Matrix Distribution Method**, that will be shown as a default in the Matrix of Sales Documents.
You can choose between the following four options:
Multiple, Total, Multiple All and *Total All*.

PURCHASE & PAYABLES SETUP

You can set a **Default Matrix Distribution Method** in the Purchase & Payables Setup, FastTab ***VarDim***, for all Purchase Documents.



In this Parameter you can set the default for the **Matrix Distribution Method**, that will be shown as a default in the Matrix of Purchase Documents.
You can choose between the following four options:
Multiple, Total, Multiple All and *Total All*.

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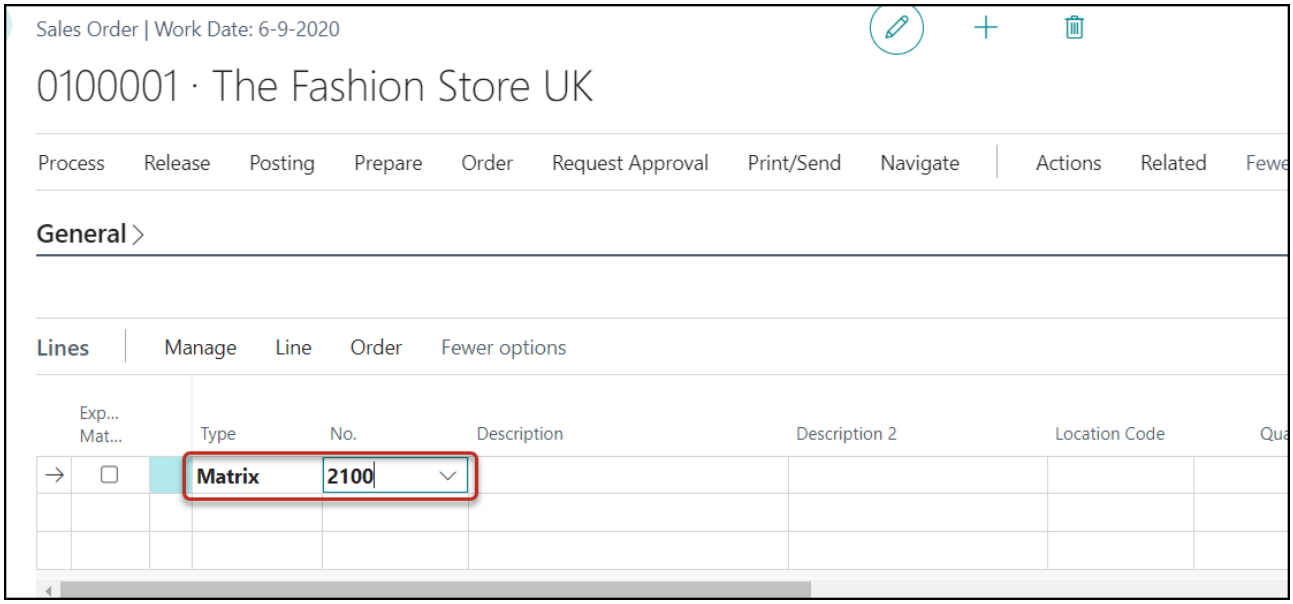
MATRIX DISTRIBUTION PROCESS

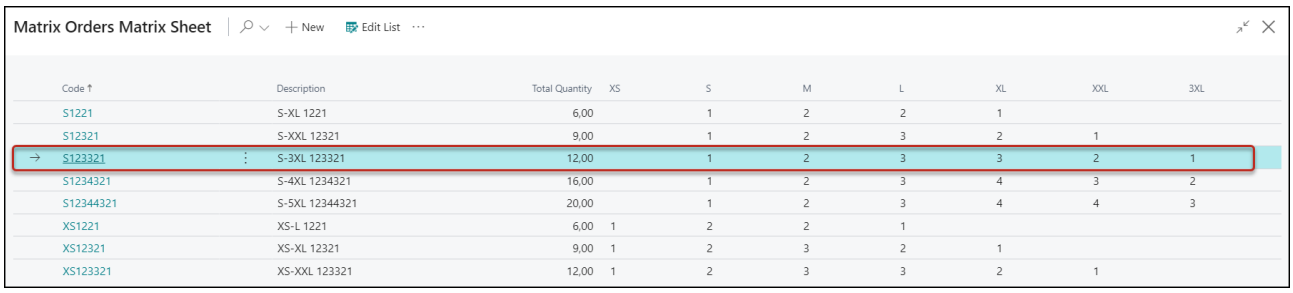
USING MATRIX DISTRIBUTION CODES

When you enter a Line in (for instance) a Sales Order, you need to enter it as a **Matrix** Line:

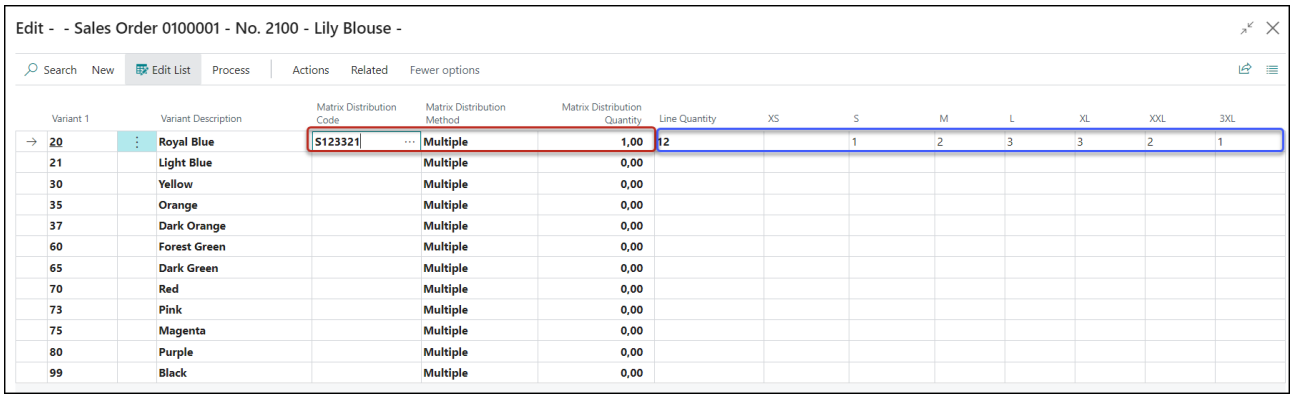


EXAMPLE 1

Using **Matrix Distribution Code** *S123321* from *SIZE_C*:



Will result in:



In theory you only have to enter the **Matrix Distribution Code**, because the **Matrix Distribution Method** and the **Matrix Distribution Quantity** can automatically be filled based on the fields of the Matrix Distribution Code – but you can change them of course.

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EXAMPLE 2

Using **Matrix Distribution Code** *S123321* from *SIZE_C*, where the **Matrix Distribution Quantity** is changed to 5, hence the quantities from Example 1 are multiplied by 5:

Edit - - Sales Order 0100001 - No. 2100 - Lily Blouse -

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
20	Royal Blue	S123321	Multiple	1,00	12		1	2	3	3	2	1
21	Light Blue	S123321	Multiple	5,00	60		5	10	15	15	10	5
30	Yellow		Multiple	0,00								
35	Orange		Multiple	0,00								
37	Dark Orange		Multiple	0,00								

EXAMPLE 3A

Using **Matrix Distribution Code** *S123321* from *SIZE_C*, changing **Matrix Distribution Method** in *Total* and **Matrix Distribution Quantity** is *90*; hence the quantities are distributed to give a total of approximately 90.

Edit - - Sales Order 0100001 - No. 2100 - Lily Blouse -

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
20	Royal Blue	S123321	Multiple	1,00	12		1	2	3	3	2	1
21	Light Blue	S123321	Multiple	5,00	60		5	10	15	15	10	5
30	Yellow	S123321	Total	90,00	92		8	15	23	23	15	8
35	Orange		Multiple	0,00								
37	Dark Orange		Multiple	0,00								
60	Forest Green		Multiple	0,00								

NOTE

The total **Line Quantity** for color *Yellow* is not *90* but *92.*

If the **Matrix Distribution** is not exactly the **Matrix Distribution Quantity** of the Matrix Distribution Code, the system will change quantities to come as close as possible to this total **Matrix Distribution Quantity**.

EXAMPLE 3B

Using **Matrix Distribution Code** *S12344321* from *SIZE_C*, changing **Matrix Distribution Method** in *Total* and **Matrix Distribution Quantity** is *90*; hence the quantities are distributed to give a total of approximately 90.

Edit - - Sales Order 0100001 - No. 2100 - Lily Blouse -

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
20	Royal Blue	S123321	Multiple	1,00	12		1	2	3	3	2	1
21	Light Blue	S123321	Multiple	5,00	60		5	10	15	15	10	5
30	Yellow	S123321	Total	90,00	92		8	15	23	23	15	8
35	Orange	S12344321	Total	90,00	90		5	11	16	21	21	16
37	Dark Orange		Multiple	0,00								

Although *S12344321* also includes the Size *4XL* and *5XL*, the Total of *90* is only divided over the Sizes of the Master *2100* to get a *Total* of *90*.

Edit - Matrix Orders Matrix Sheet

Search New Edit List Delete Previous Set Next Set More options

Code	Description	Total Quantity	XS	S	M	L	XL	XXL	3XL	4XL	5XL
S1221	S-XL 1221	6,00		1	2	2	1				
S12321	S-XXL 12321	9,00		1	2	3	2	1			
S123321	S-3XL 123321	12,00		1	2	3	3	2	1		
S1234321	S-4XL 1234321	16,00		1	2	3	4	3	2	1	
S12344321	S-5XL 12344321	20,00		1	2	3	4	4	3	2	1
XS1221	XS-L 1221	6,00	1	2	2	1					
XS12321	XS-XL 12321	9,00	1	2	3	2	1				
XS123321	XS-XXL 123321	12,00	1	2	3	3	2	1			

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EXAMPLE 3C

Using **Matrix Distribution Code** *S123321* from *SIZE_C*, changing **Matrix Distribution Method** in *Total* and **Matrix Distribution Quantity** is *60*; hence the quantities are distributed to give a total of approximately 90.

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
30	Yellow		Multiple	0,00								
60	Forest Green	S123321	Total	60,00	55	-	-	10	15	15	10	5
70	Red		Multiple	0,00								
73	Pink		Multiple	0,00								-

NOTE

If a Master has **Invalid Combinations,** the calculation of the quantities per Size – in case of **Matrix Distribution Method** *Total* – does include these **Invalid Combinations**. Therefore, instead of **Matrix Distribution Quantity** *60* the **Line Quantity** is only *55* because of Invalid Size *S.*

EXAMPLE 4

Using **Matrix Distribution Code** *S123321* from *SIZE_C*, changing **Matrix Distribution Method** in *Multiple All* and **Matrix Distribution Quantity** is *3*; hence the quantities from Example 1 are multiplied by 3 and added to all the Matrix Lines:

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
20	Royal Blue	S123321	Multiple	1,00	36		3	6	9	9	6	3
21	Light Blue	S123321	Multiple	5,00	36		3	6	9	9	6	3
30	Yellow	S123321	Total	90,00	36		3	6	9	9	6	3
35	Orange	S12344321	Total	90,00	36		3	6	9	9	6	3
37	Dark Orange	S123321	Multiple All	3,00	36		3	6	9	9	6	3
60	Forest Green		Multiple	0,00	36		3	6	9	9	6	3
65	Dark Green		Multiple	0,00	36		3	6	9	9	6	3
70	Red		Multiple	0,00	36		3	6	9	9	6	3
73	Pink		Multiple	0,00	36		3	6	9	9	6	3
75	Magenta		Multiple	0,00	36		3	6	9	9	6	3
80	Purple		Multiple	0,00	36		3	6	9	9	6	3
99	Black		Multiple	0,00	36		3	6	9	9	6	3

NOTE

When using **Multiple All**, all the Matrix Lines will be changed, and previous **Matrix Distribution Codes** will be overwritten.

EXAMPLE 5

Using **Matrix Distribution Code** *S123321* from *SIZE_C*, changing **Matrix Distribution Method** in *Total All* and **Matrix Distribution Quantity** is *1000*; hence the quantities from Example 1 are distributed to give a total of 1008 from all the Matrix Lines:

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
20	Royal Blue	S123321	Multiple	1,00	84		7	14	21	21	14	7
21	Light Blue	S123321	Multiple	5,00	84		7	14	21	21	14	7
30	Yellow	S123321	Total	90,00	84		7	14	21	21	14	7
35	Orange	S12344321	Total	90,00	84		7	14	21	21	14	7
37	Dark Orange	S123321	Multiple All	3,00	84		7	14	21	21	14	7
60	Forest Green	S123321	Total All	1.000,00	84		7	14	21	21	14	7
65	Dark Green		Multiple	0,00	84		7	14	21	21	14	7
70	Red		Multiple	0,00	84		7	14	21	21	14	7
73	Pink		Multiple	0,00	84		7	14	21	21	14	7
75	Magenta		Multiple	0,00	84		7	14	21	21	14	7
80	Purple		Multiple	0,00	84		7	14	21	21	14	7
99	Black		Multiple	0,00	84		7	14	21	21	14	7

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NOTE

When using **Total All**, all the Matrix Lines will be changed, and previous **Matrix Distribution Codes** will be overwritten. The total quantity over all the Colors is not *1000* but *1008.* The functionality of the Matrix Distribution will calculate the quantities per size regardless the Valid Combinations of the sizes.

Once you go out of the Matrix and go into the Matrix again, the information of the chosen **Matrix Distribution Code, Matrix Distribution Method** and **Matrix Distribution Quantity** is lost.
It was only some help to enter quantities per Sizes.

Search New Edit List Process Actions Related Fewer options

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	XS	S	M	L	XL	XXL	3XL
20	Royal Blue		Multiple	0,00	84		7	14	21	21	14	7
21	Light Blue		Multiple	0,00	84		7	14	21	21	14	7
30	Yellow		Multiple	0,00	84		7	14	21	21	14	7
35	Orange		Multiple	0,00	84		7	14	21	21	14	7
37	Dark Orange		Multiple	0,00	84		7	14	21	21	14	7
60	Forest Green		Multiple	0,00	84		7	14	21	21	14	7
65	Dark Green		Multiple	0,00	84		7	14	21	21	14	7
70	Red		Multiple	0,00	84		7	14	21	21	14	7
73	Pink		Multiple	0,00	84		7	14	21	21	14	7
75	Magenta		Multiple	0,00	84		7	14	21	21	14	7
80	Purple		Multiple	0,00	84		7	14	21	21	14	7
99	Black		Multiple	0,00	84		7	14	21	21	14	7

That also means that if you use **Related Orders** or the **MRP** procedure to create Purchase Orders or Production Orders, you will not have the information regarding the chosen **Matrix Distribution Codes** in the Sales Orders.

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USING MATRIX DISTRIBUTION WITHOUT PRE-DEFINED CODES

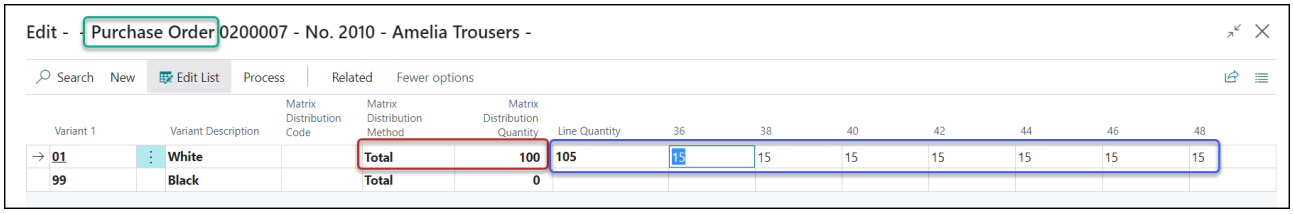
It is now also possible to use the **Matrix Distribution** functionality without the pre-defined Codes as shown in Using Matrix Distribution Codes.

WITHOUT PRE-ENTERED QUANTITIES

It is possible to enter a **Matrix Distribution Quantity** on a Matrix Line (Colors), and if the **Matrix Distribution Method** is set to *Total,* it will divide the **Matrix Distribution Quantity** equally over the cells (Sizes) of the Matrix Line. See Example 6.
The same happens if the **Matrix Distribution Method** is set to *Total All,* but now the **Matrix Distribution Quantity** will equally be divided over all the cells (Sizes) of the Matrix. See Example 7.
It is also possible to enter a **Matrix Distribution Quantity** on a Matrix Line (Colors), and if the **Matrix Distribution Method is set to** *Multiple***,** every cell (Size) on this Matrix Line will get the **Matrix Distribution Quantity.** See Example 8.
The same happens if the **Matrix Distribution Method** is set to *Multiple All,* but now the **Matrix Distribution Quantity** will determine the Quantity of all the cells (Sizes) of the Matrix. See Example 9.

EXAMPLE 6

In an empty Purchase Matrix Line (no Quantities have been entered before) you only enter **Matrix Distribution Method** *Total* and **Matrix Distribution Quantity** *100.*

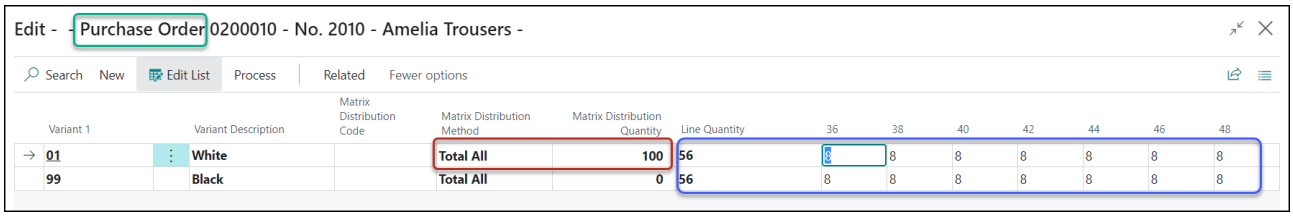


NOTE

The total **Line Quantity** for color *White* is not *100* but *105.*
If the **Matrix Distribution** is not exactly the **Matrix Distribution Quantity**, the system will change quantities to come as close as possible to this total **Matrix Distribution Quantity**.

EXAMPLE 7

In an empty Purchase Matrix Line (no Quantities have been entered before) you only enter **Matrix Distribution Method** *Total All* and **Matrix Distribution Quantity** *100.*



NOTE

The total **Line Quantity** for colors *White* and *Black* is not *100* but *112.*
If the **Matrix Distribution** is not exactly the **Matrix Distribution Quantity**, the system will change quantities to come as close as possible to this total **Matrix Distribution Quantity**.

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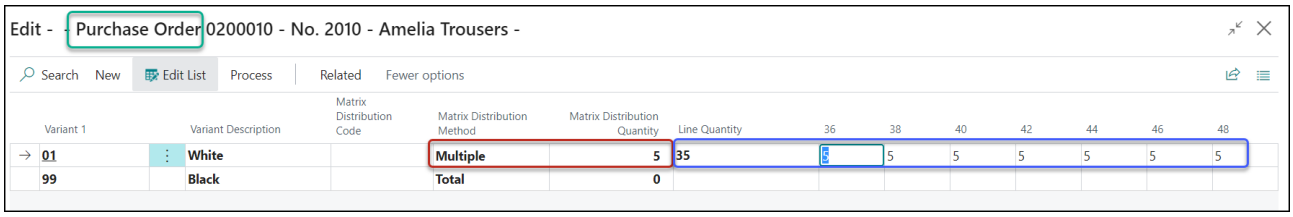
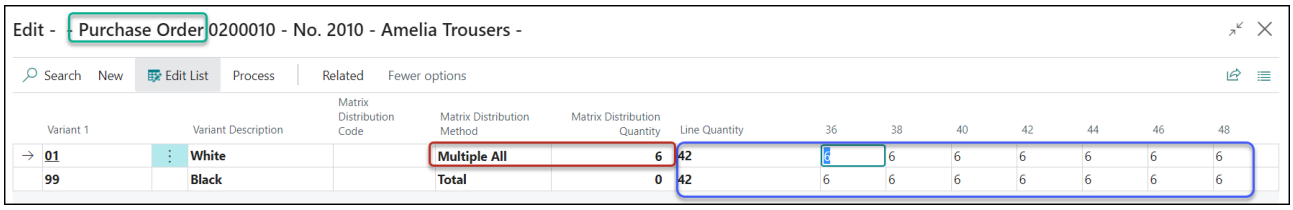
EXAMPLE 8

In an empty Purchase Matrix Line (no Quantities have been entered before) you only enter **Matrix Distribution Method** *Multiple* and **Matrix Distribution Quantity** *5.*



EXAMPLE 9

In an empty Purchase Matrix Line (no Quantities have been entered before) you only enter **Matrix Distribution Method** *Multiple All* and **Matrix Distribution Quantity** *6.*



WITH PRE-ENTERED QUANTITIES

It is possible to enter a **Matrix Distribution Quantity** on a Matrix Line (Colors), and if the **Matrix Distribution Method** is set to *Total,* it will divide this on the cells (Sizes) based on the **Matrix Distribution Quantity** and the Quantities that already have been entered in the cells (Sizes). See Example 10.
The same happens if the **Matrix Distribution Method** is set to *Total All,* but now the **Matrix Distribution Quantity** will equally be divided over all the cells (Sizes) of the Matrix based on the Quantities that already have been entered in the cells (Sizes). See Example 11.
It is also possible to enter a **Matrix Distribution Quantity** on a Matrix Line (Colors), and if the **Matrix Distribution Method is set to** *Multiple***,** every cell (Size) on this Matrix Line will get the **Matrix Distribution Quantity** multiplied by the Quantity that was already in the cells**.** See Example 12.
The same happens if the **Matrix Distribution Method** is set to *Multiple All,* but now the **Matrix Distribution Quantity** will determine the Quantity of all the cells (Sizes) of the Matrix based on the Quantity that was already in the cells. See Example 13.

EXAMPLE 10

In a Purchase Matrix Line with Quantities, you only enter **Matrix Distribution Method** *Total* and **Matrix Distribution Quantity** *100.*
You already have:

Now you enter the **Matrix Distribution Method** *Total* (or it will be set by the Parameter in the Purchase & Payables Setup already) and **Matrix Distribution Quantity** *100.*

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total	100	103 [16]	7 [1]	13 [2]	19 [3]	25 [4]	19 [3]	13 [2]	7 [1]
99	Black		Total	0		[0]	[0]	[0]	[0]	[0]	[0]	[0]

The Quantities between brackets are showing you the original Quantities. Therefore, it is possible to see what originally was ordered and how it has been adjusted.

NOTE

The Quantities between brackets is only shown in the Purchase Matrix, not in the Sales Matrix because in the Sales Matrix you also might have the Availability shown between brackets.

If you enter **Matrix Distribution Quantity** *0* again, the original Quantities will be set again:

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total	0	16	1	2	3	4	3	2	1
99	Black		Total	0								

EXAMPLE 11

In a Purchase Matrix with Quantities, you only enter **Matrix Distribution Method** *Total All* and **Matrix Distribution Quantity** *100.*

You already have:

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total	0	16	1	2	3	4	3	2	1
99	Black		Total	0	16	1	2	3	4	3	2	1

Now you enter the **Matrix Distribution Method** *Total All* (and **Matrix Distribution Quantity** *100.*

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total All	100	55 [16]	4 [1]	7 [2]	10 [3]	13 [4]	10 [3]	7 [2]	4 [1]
99	Black		Total	0	55 [16]	4 [1]	7 [2]	10 [3]	13 [4]	10 [3]	7 [2]	4 [1]

The Quantities between brackets are showing you the original Quantities. Therefore, it is possible to see what originally was ordered and how it has been adjusted.

NOTE

The Quantities between brackets is only shown in the Purchase Matrix, not in the Sales Matrix because in the Sales Matrix you also might have the Availability shown between brackets.

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The **Matrix Distribution Quantity** will only be divided over the cells that already had a Quantity.
So if you would have the Quantities:

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total	0	16	1	2	3	4	3	2	1
99	Black		Total	0								

It will result in the following. So the *100* is still only divided on the first Matrix Line, because that were the only cells with Quantities before:

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total All	100	103 [16]	7 [1]	13 [2]	19 [3]	25 [4]	19 [3]	13 [2]	7 [1]
99	Black		Total	0		[0]	[0]	[0]	[0]	[0]	[0]	[0]

EXAMPLE 12

In a Purchase Matrix with Quantities, you only enter **Matrix Distribution Method** and **Matrix Distribution Quantity** *5.*
You already have:

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total	0	16	1	2	3	4	3	2	1
99	Black		Total	0								

Now you enter the **Matrix Distribution Method** *Multiple* and **Matrix Distribution Quantity** *5.*

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Multiple	5	80 [16]	5 [1]	10 [2]	15 [3]	20 [4]	15 [3]	10 [2]	5 [1]
99	Black		Total	0		[0]	[0]	[0]	[0]	[0]	[0]	[0]

EXAMPLE 13

In a Purchase Matrix with Quantities, you only enter **Matrix Distribution Method** *Multiple All* and **Matrix Distribution Quantity** *5.*
You already have:

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Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Total	0	16	1	2	3	4	3	2	1
99	Black		Total	0	20	2	2	4	4	4	2	2

Now you enter the **Matrix Distribution Method** *Multiple All* (or it will be set by the Parameter in the Purchase & Payables Setup already) and **Matrix Distribution Quantity** *5.*

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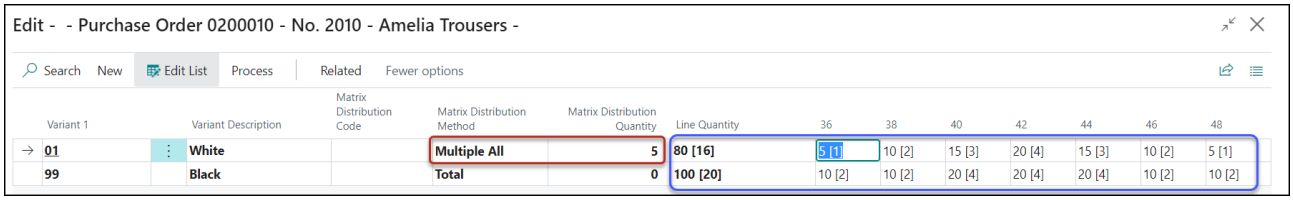

Variant 1	Variant Description	Matrix Distribution Code	Matrix Distribution Method	Matrix Distribution Quantity	Line Quantity	36	38	40	42	44	46	48
01	White		Multiple All	5	80 [16]	5 [1]	10 [2]	15 [3]	20 [4]	15 [3]	10 [2]	5 [1]
99	Black		Total	0	100 [20]	10 [2]	10 [2]	20 [4]	20 [4]	20 [4]	10 [2]	10 [2]

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