

Logistics improvements in 7.0

[Units of Measure and pricing improvements](#)

[Pricing per warehouse](#)

[UoM for Alternate IDs](#)

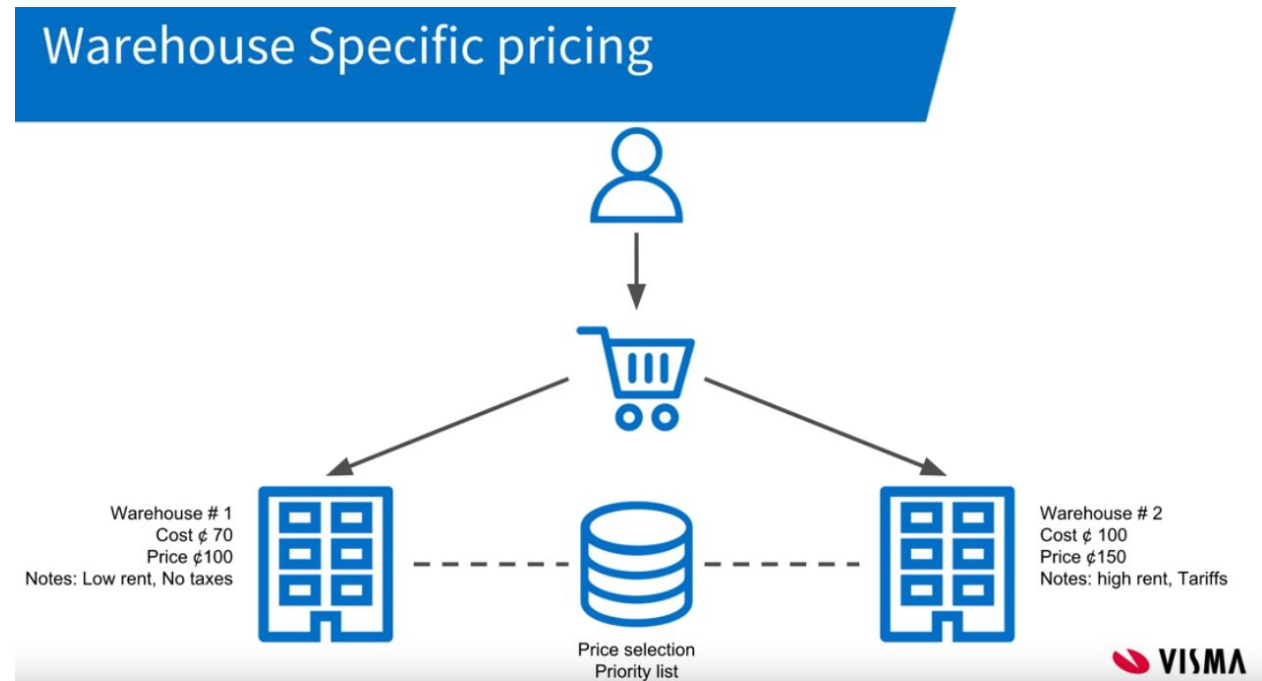
[Price multiplier for Unit of measure](#)

Units of Measure and pricing improvements

Pricing per warehouse

With this feature you will be able to configure prices per warehouse. In this way you pricing can be setup to accurately capture cost per warehouse.

Cost of storing items can be different in different warehouses. The costs can vary, for example, because of transportation costs to get the items to the specific warehouse or rent costs. With version 7, you can now set up warehouse specific pricing to cover this scenario.



In the screens Sales price worksheets (AR202010), Sales prices (AR20200F), Supplier price worksheets (AP202010) and Supplier prices (AP202000) you can set warehouse specific pricing. In these screens the Warehouse-column have been added where you can, if needed, specify the warehouse. In this example we'll do it in Sales prices screen.

We have added 2 lines with the same item. The first row sets the price 550 when the item is sold from warehouse 2. The second row sets the price 500 if it is sold from any other warehouse (no specific warehouse is defined in the Warehouse column).

🔄 Sales prices ☆

CREATE PRICE WORKSHEET

Price type: All prices | Item class ID: | Price class: |
 Price code: | Item ID: | Price manager: |
 Effective as of: | Warehouse: | Price work group: |

Price type	Price code	*Item ID	Description	*UoM	Warehouse	Promotion	Price	*Currency	VAT	Effective date	Expiration date
Base		PricePW	PricePW	PIECE	2	<input type="checkbox"/>	550.0000	EUR		01/03/2018	
Base		PricePW	PricePW	PIECE		<input type="checkbox"/>	500.0000	EUR		01/03/2018	

If we create a sales order with the item selling from warehouse 1 (or any other warehouse except warehouse 2), the price is set to 500.

🔄 Sales orders 📝 NOTES 📅 ACTIVE

SAVE AND CLOSE | ACTIONS | REPORTS

Order type: SO | Customer: 10001 - Asiakas Oy | Ordered qty.: 1.00 | Total line discount: 0.00
 Order no.: 000004 | Location: Primar - Primärplats | VAT exempt total: 0.00 | Total profit: 400.00
 Status: Open | Contact: | VAT taxable total: 500.00 | Margin total: 80%
 Hold | Currency: EUR 1.00 | VIEW BASE | VAT total: 120.00 | Mark-up total: 400%
 Date: 13/03/2018 | Credit hold | Order total: 620.00 | Total cost: 100.00
 Requested on: 13/03/2018 | Print description on invoice | Discount total: 0.00 | Use replacement cost for margin/profit
 Print note on external sales documents
 Print note on internal sales documents

Description: _____

DOCUMENT DETAILS | VAT DETAILS | COMMISSIONS | FINANCIAL SETTINGS | PAYMENT SETTINGS | DELIVERY SETTINGS | DISCOUNT DETAILS | SHIPMENTS | PAYM

Item ID	Free Item	Warehouse	*UoM	Quantity	Qty. on shipments	Open qty.	Unit cost	Unit price	Discount percent	Discount amount	Discount code	Manual discoun	Disc. unit price
PricePW	<input type="checkbox"/>	1	PIECE	1.00	0.00	1.00	100.0000	500.0000	0.000000	0.00		<input type="checkbox"/>	500.0000

If we sell the item from warehouse 2, the price will be set to 550.

🔄 Sales orders 📝 NOTES 📅 ACTIVE

← SAVE AND CLOSE 📄 ↶ + 🗑️ 📄 ↷ ⏪ ⏩ ACTIONS ▾ REPORTS ▾

* Order type: <input type="text" value="SO"/>	Customer: <input type="text" value="10001 - Asiakas Oy"/>	Ordered qty.: <input type="text" value="1.00"/>	Total line discount: <input type="text" value="0.00"/>
Order no.: <input type="text" value="000004"/>	* Location: <input type="text" value="Primär - Primärplats"/>	VAT exempt total: <input type="text" value="0.00"/>	Total profit: <input type="text" value="450.00"/>
Status: <input type="text" value="Open"/>	Contact: <input type="text"/>	VAT taxable total: <input type="text" value="550.00"/>	Margin total: <input type="text" value="82%"/>
<input type="checkbox"/> Hold	Currency: <input type="text" value="EUR"/> <input type="text" value="1.00"/> <input type="button" value="VIEW BASE"/>	VAT total: <input type="text" value="132.00"/>	Mark-up total: <input type="text" value="450%"/>
* Date: <input type="text" value="13/03/2018"/>	<input type="checkbox"/> Credit hold	Order total: <input type="text" value="682.00"/>	Total cost: <input type="text" value="100.00"/>
* Requested on: <input type="text" value="13/03/2018"/>	<input type="checkbox"/> Print description on invoice	Discount total: <input type="text" value="0.00"/>	<input type="checkbox"/> Use replacement cost for margin/profit
Customer order: <input type="text"/>	<input type="checkbox"/> Print note on external sales documents		
External referen...: <input type="text"/>	<input type="checkbox"/> Print note on internal sales documents		
Description: <input type="text"/>			

DOCUMENT DETAILS | VAT DETAILS | COMMISSIONS | FINANCIAL SETTINGS | PAYMENT SETTINGS | DELIVERY SETTINGS | DISCOUNT DETAILS | SHIPMENTS | PAYME

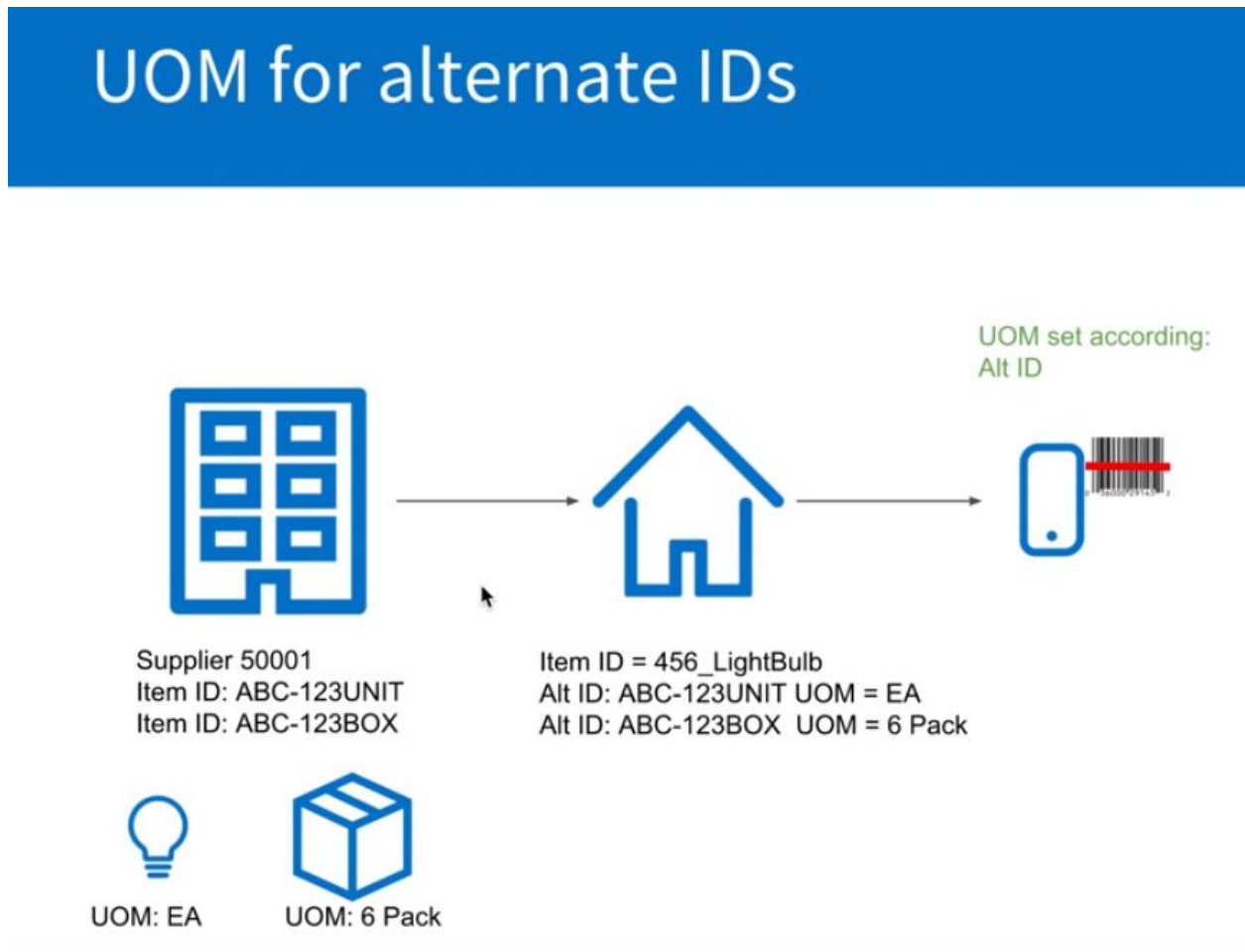
🔄 + 📄 ✕ | ALLOCATIONS | ADD SALES INVOICE | ADD STOCK ITEM | PURCHASE ORDER LINK | INVENTORY SUMMARY | 🏠 🗑️ 📄

📄	🗑️	Item ID	Free item	Warehous	* UoM	Quantity	Qty. on shipment	Open qty.	Unit cost	Unit price	Discount percent	Discount amount	Discount code	Manual discount	Disc. unit price
>	🗑️	PricePW	<input type="checkbox"/>	2	PIECE	1.00	0.00	1.00	100.0000	550.0000	0.000000	0.00		<input type="checkbox"/>	550.0000

UoM for Alternate IDs

The improvements made for Unit of measure (UoM) and Alternate ID gives you the possibility to set different Unit of measurement for different alternate IDs (cross-references). In this way you can ease the data entry when using, for example, a handheld scanner.

As an example in the picture below; A supplier stocks two UoM (EA and 6 Pack) for an item, the system can recognize both alternate IDs for our item and assign the correct UoM.



In this example we will show how it works in the Purchase order, but the same applies also in other screens, such as Sales orders.

We have created a stock item with the default Base and Sales unit PIECE and Purchase unit BOX.

Stock items

SAVE AND CLOSE [Icons] ACTIONS INQUIRIES

Item ID: ALT111 - ALT 111 Product work group: [Field]
 Item status: Active Product manager: [Field]
 Description: ALT 111

GENERAL SETTINGS PRICE/COST INFORMATION WAREHOUSE DETAILS SUPPLIER DETAILS ATTRIBUTES PACKAGING CROSS-REFERENCE

ITEM DEFAULTS UNIT OF MEASUREMENT

Item class: 05 - - - Varastotuotteet Alv korkea? Base unit: PIECE
 Type: Finished good Sales unit: PIECE
 Is a kit Purchase unit: BOX
 Valuation method: FIFO
 VAT code: 01 - Alv korkea%
 Posting class: 01 - Tuotteet Alv korkea%
 Lot/serial class: 0 - Ei seurantaa
 Automatic incremental val...

*From unit	Multiply/divid	Conversion factor	To unit
> BOX	Multiply	10.000000	PIECE

In the Cross-references-tab, we have added to Barcode alternate IDs. One with PIECE as the UoM and the other with BOX as the UoM.

Stock items

SAVE AND CLOSE [Icons] ACTIONS INQUIRIES

Item ID: ALT111 - ALT 111 Product work group: [Field]
 Item status: Active Product manager: [Field]
 Description: ALT 111

GENERAL SETTINGS PRICE/COST INFORMATION WAREHOUSE DETAILS SUPPLIER DETAILS ATTRIBUTES PACKAGING CROSS-REFERENCE REPI

Alternate type	*Supplier/Custome	*Alternate ID	UoM	Description
Barcode		B1111	PIECE	Item by piece
> Barcode		B222	BOX	Item by Box

If we create a purchase order and search for the item with the first barcode

🔄 Purchase orders

← SAVE AND CLOSE 📄 ↶ + 🗑️ 📄 ▾ ⏪ < > ⏩ ACTIONS ▾ INQUIRIES ▾ RE

Type: * Supplier: 🔍

Order no.: 🔍 * Location: 🔍

Hold Owner: 🔍

Status: Currency: ▾

* Date: ▾ Supplier ref.:

Delivery date: ▾

Description:

Line total: 0.00

Discount total: 0.00

VAT exempt total: 0.00

VAT taxable total: 0.00

VAT total: 0.00

Order total: 0.00

DOCUMENT DETAILS VAT DETAILS DELIVERY INSTRUCTIONS SUPPLIER INFO DISCOUNT DETAILS OTHER INFO

🔄 + ✎ ✕ | ADD ITEM VIEW SALES ORDER DEMAND | ⏪ ✕ 📄

📄 🔍 📄	Item ID	Line type	Warehoi	Line description	UoM	Order qty.	Qty. on receipt	Unit cost	Cos
* 🔍 📄	B1111	service				0.00	0.00	0.0000	0.00

It will add the item and set the UoM (PIECE) according to the barcode.

🔄 Purchase orders

← SAVE AND CLOSE 📄 ↶ + 🗑️ 📄 ▾ ⏪ < > ⏩ ACTIONS ▾

Type: * Supplier: 🔍

Order no.: 🔍 * Location: 🔍

Hold Owner: 🔍

Status: Currency: ▾

* Date: ▾ Supplier ref.:

Delivery date: ▾

Description:

Line total: 0.00

Discount total: 0.00

VAT exempt total: 0.00

VAT taxable total: 0.00

VAT total: 0.00

Order total: 0.00

DOCUMENT DETAILS VAT DETAILS DELIVERY INSTRUCTIONS SUPPLIER INFO DISCOUNT DETAILS OTHER INFO






🔄 + ✎ ✕ | ADD ITEM VIEW SALES ORDER DEMAND | ⏪ ✕ 📄

📄 🔍 📄	Item ID	Line type	Warehoi	Line description	UoM	Order qty.	Qty. on receipt
✎ 🔍 📄	ALT111	Goods ...	1	LT 111	PIECE	0.00	0.00






If we use the other barcode







 Purchase orders

← SAVE AND CLOSE   +    < >  ACTIONS ▾

Type:	Normal ▾	* Supplier:	50003 - Supplier Lmt 	Line tot
Order no.:	<UUSI> 	* Location:	Main - Primary location 	Discou
	<input checked="" type="checkbox"/> Hold	Owner:		VAT ex
Status:	On hold	Currency:	EUR 1.00 ▾ VIEW BASE	VAT ta
* Date:	13/03/2018 ▾	Supplier ref.:		VAT tot
Delivery date:	13/03/2018 ▾			Order t
Description:	<input type="text"/>			

DOCUMENT DETAILS VAT DETAILS DELIVERY INSTRUCTIONS SUPPLIER INFO DISCOUNT DET





 +  X | ADD ITEM VIEW SALES ORDER DEMAND   

			Item ID	Line type	Warehoi	Line description	UoM	Order qty.	Qty. on receipt
*			B222 	service				0.00	0.00






The system will find the item and set the UoM (BOX) according to the barcode.







 Purchase orders

← SAVE AND CLOSE   +    < >  ACTIONS ▾

Type:	Normal ▾	* Supplier:	50003 - Supplier Lmt 	Line tot
Order no.:	<UUSI> 	* Location:	Main - Primary location	Discou
	<input checked="" type="checkbox"/> Hold	Owner:		VAT ex
Status:	On hold	Currency:	EUR 1.00 ▾ VIEW BASE	VAT ta
* Date:	13/03/2018 ▾	Supplier ref.:		VAT tot
Delivery date:	13/03/2018 ▾			Order t
Description:	<input type="text"/>			

DOCUMENT DETAILS VAT DETAILS DELIVERY INSTRUCTIONS SUPPLIER INFO DISCOUNT E

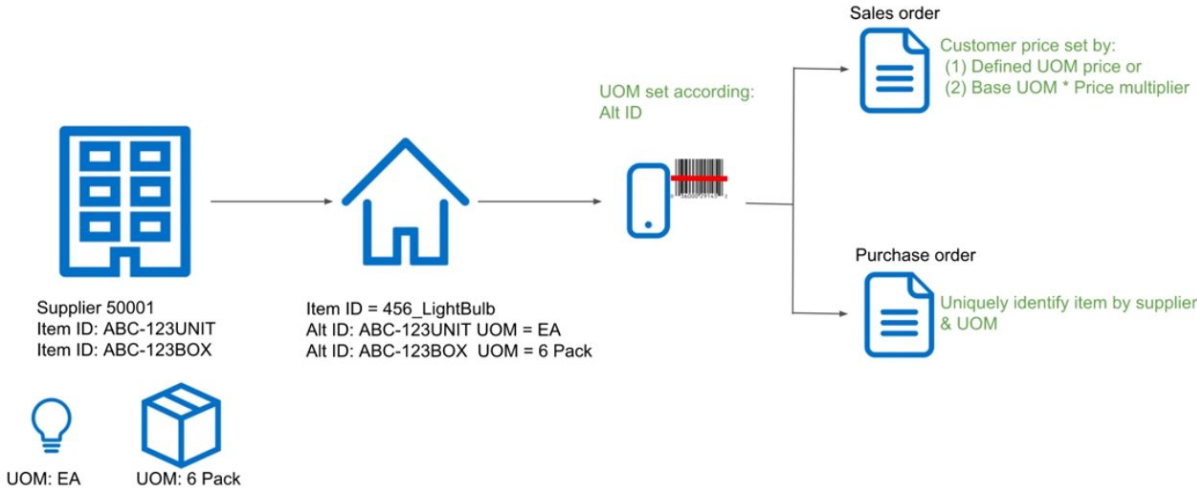
 +  X | ADD ITEM VIEW SALES ORDER DEMAND   

			Item ID	Line type	Warehoi	Line description	UoM	Order qty.	Qty. on receipt
			ALT111	Goods ...	1	LT 111	BOX	0.00	0.00

Price multiplier for Unit of measure

With this feature, you can use a price adjustment multiplier, that allows you to add several UoMs and define the multiplier that will be used for price calculation.

In addition to the UoM on alternate ID, you can also use the UoM to set prices and use a multiplier to calculate the price between UoM. In this way, you have the possibility to set the price for one UoM and then with the price multiplier set the prices for the other UoMs of the item based on this.



When the system sets the price it follows a specific priority. With these new features, the priority the system goes through to find the prices have been updated. Please see below.

Sales prices

1. Customer Price for document UOM
 - 1.1. Promo with defined warehouse (price for defined warehouse which is entered in the document)
 - 1.2. Promo without defined warehouse
 - 1.3. Regular with defined warehouse
 - 1.4. Regular without defined warehouse
2. Customer Price for base UOM
 - 2.1. Promo with defined warehouse (price for defined warehouse which is entered in the document)
 - 2.2. Promo without defined warehouse
 - 2.3. Regular with defined warehouse
 - 2.4. Regular without defined warehouse
3. Customer Price Class for document UOM
 - 3.1. Promo with defined warehouse
 - 3.2. Promo without defined warehouse
 - 3.3. Regular with defined warehouse
 - 3.4. Regular without defined warehouse
4. Customer Price Class for base UOM
 - 4.1. Promo with defined warehouse
 - 4.2. Promo without defined warehouse
 - 4.3. Regular with defined warehouse
 - 4.4. Regular without defined warehouse
5. Base Price for document UOM
 - 5.1. Promo with defined warehouse
 - 5.2. Promo without defined warehouse
 - 5.3. Regular with defined warehouse
 - 5.4. Regular without defined warehouse
6. Base Price for base UOM
 - 6.1. Promo with defined warehouse
 - 6.2. Promo without defined warehouse
 - 6.3. Regular with defined warehouse
 - 6.4. Regular without defined warehouse
7. Default Price
8. Calculated Price for Sales UOM
 - 8.1. Customer Price
 - 8.1.1. Promo
 - 8.1.2. Regular
 - 8.2. Customer Price class
 - 8.2.1. Promo
 - 8.2.2. Regular
 - 8.3. Base price
 - 8.3.1. Promo
 - 8.3.2. Regular

Supplier prices

1. Promotional price for document UoM
 - 1.1. Promo with defined warehouse
 - 1.2. Promo without defined warehouse
2. Promotional price for base UoM
 - 2.1. Promo with defined warehouse
 - 2.2. Promo without defined warehouse
3. Normal price for document UoM
 - 3.1. Normal with defined warehouse
 - 3.2. Normal without defined warehouse
4. Normal price for base UoM
 - 4.1. Normal with defined warehouse
 - 4.2. Normal without defined warehouse
5. Last supplier price in document UoM
6. Last supplier price in base UoM
7. Last cost for the warehouse in the document
8. Last cost(just by date)

In the Sales orders preferences (SO101000) a new option called “Use a price adjustment multiplier” has been added.

🔄 Sales orders preferences ☆

📄 ↻

GENERAL SETTINGS MAILING SETTINGS

DATA ENTRY POSTIN

Default sales order type: SO - Myyntitilaus 🔍

Default transfer order type: TR - Siirto 🔍

Show gross margin/profit Shipp

Kit cost based on components Shipp

Use replacement cost for margin/profit

Override supplier price

* Shipment number series: SOSHIPMENT - MT toimitus 🔍 ✎

Advanced availability validation

PRICE SETTINGS

Validate min. mark-up: No validation ▼

Use a price adjustment multiplier

FREIGHT CALCULATION SETTINGS

Freight allocation on partial shipping: Full amount first time ▼

SHIPMENT SETTINGS

* Free item shipping: Proportional ▼

When this option is activated, on the items, in the Unit of Measurement section a new column called 'Price adjustment multiplier' is added.

In this example I have a item with Base unit PIECE and Sales and Purchase unit BOX. One BOX contains 10 PIECEs and the Price adjustment multiplier is set to 0,5.

Stock items

SAVE AND CLOSE [Icons] ACTIONS INQUIRIES

Item ID: ALT222 - ALT 222 Product work group: Product status: Active Product manager: Description: ALT 222

GENERAL SETTINGS PRICE/COST INFORMATION WAREHOUSE DETAILS SUPPLIER DETAILS ATTRIBUTES PACKAGING CROSS-R

ITEM DEFAULTS UNIT OF MEASUREMENT

Item class: 05 - - - Varastotuotteet Alv korkea? Type: Finished good Is a kit: Valuation method: FIFO VAT code: 01 - Alv korkea% Posting class: 01 - Tuotteet Alv korkea% Lot/serial class: 0 - Ei seurantaa

Base unit: PIECE Sales unit: BOX Purchase unit: BOX

* From unit	Multiply/c	Conversion factor	To unit	Price adjustment multiplier
BOX	Multiply	10.000000	PIECE	0.500000

WAREHOUSE DEFAULTS

For the item a sales prices have been setup for the UoM: PIECE with a price of 1000/PIECE.

Sales prices ☆

CREATE PRICE WORKSHEET

Price type: All prices Item class ID: Price code: Item ID: ALT222 - ALT 222 Effective as of: Warehouse: Price

Price type	Price code	*Item ID	Description	*UoM	Warehouse	Promotion	Price	*Currency
Base		ALT222	ALT 222	PIECE			1,000.0000	EUR

If we create a sales order with the item and add 1 PIECE, the price will be 1000.

🔄 Sales orders

← SAVE AND CLOSE
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▶️
▶️
ACTIONS ▾
REPORTS ▾

<p>★ Order type: <input type="text" value="SO"/></p> <p>Order no.: <input type="text" value="000005"/></p> <p>Status: <input type="text" value="Open"/></p> <p><input type="checkbox"/> Hold</p> <p>★ Date: <input type="text" value="13/03/2018"/></p> <p>★ Requested on: <input type="text" value="13/03/2018"/></p> <p>Customer order: <input type="text"/></p> <p>External referen...: <input type="text"/></p> <p>Description: <input type="text"/></p>	<p>Customer: <input type="text" value="10003 - Customer Ltd"/></p> <p>★ Location: <input type="text" value="Main - Primary location"/></p> <p>Contact: <input type="text"/></p> <p>Currency: <input type="text" value="EUR"/> <input type="text" value="1.00"/> <input type="text" value="VIEW BASE"/></p> <p><input type="checkbox"/> Credit hold</p> <p><input type="checkbox"/> Print description on invoice</p> <p><input type="checkbox"/> Print note on external sales documents</p> <p><input type="checkbox"/> Print note on internal sales documents</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Ordered qty.:</td><td style="text-align: right;">1.00</td></tr> <tr><td>VAT exempt total:</td><td style="text-align: right;">0.00</td></tr> <tr><td>VAT taxable total:</td><td style="text-align: right;">1,000.00</td></tr> <tr><td>VAT total:</td><td style="text-align: right;">240.00</td></tr> <tr><td>Order total:</td><td style="text-align: right;">1,240.00</td></tr> <tr><td>Discount total:</td><td style="text-align: right;">0.00</td></tr> </table>	Ordered qty.:	1.00	VAT exempt total:	0.00	VAT taxable total:	1,000.00	VAT total:	240.00	Order total:	1,240.00	Discount total:	0.00
Ordered qty.:	1.00													
VAT exempt total:	0.00													
VAT taxable total:	1,000.00													
VAT total:	240.00													
Order total:	1,240.00													
Discount total:	0.00													

DOCUMENT DETAILS
VAT DETAILS
COMMISSIONS
FINANCIAL SETTINGS
PAYMENT SETTINGS
DELIVERY SETTINGS

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✕
ALLOCATIONS
ADD SALES INVOICE
ADD STOCK ITEM
PURCHASE ORDER LINK
INVENTORY SUMMARY

	Item ID	Free item	Warehouse	*UoM	Quantity	Qty. on shipments	Open qty.	Unit cost	Unit price	Discount percent
>	ALI222	<input type="checkbox"/>	1	PIECE	1.00	0.00	1.00	100.0000	1,000.0000	0.000000

If we change it to be 1 BOX the price will be 5000.

So it has used the Price adjustment multiplier to set the price for BOX. In this case the price for one PIECE was 1000 and it has calculated the price for the BOX this way:

1 BOX contains 10 PIECES. Price for 1 PIECE is 1000. To calculate the price per BOX it used the price per PIECE and multiplies with the 'Price adjustment multiplier':

$$10(\text{PIECES in a BOX}) * 1000(\text{Price per PIECE}) * 0,5(\text{Price adjustment multiplier}) = 5000$$

🔄 Sales orders

← SAVE AND CLOSE 📄 ↶ + 🗑️ 📄 ↷ ⏪ ⏩ ACTIONS ▾ REPORTS ▾

* Order type:	SO	Customer:	10003 - Customer Ltd	Ordered qty.:	1.00
Order no.:	000005	* Location:	Main - Primary location	VAT exempt total:	0.00
Status:	Open	Contact:		VAT taxable total:	5,000.00
<input type="checkbox"/> Hold		Currency:	EUR 1.00 VIEW BASE	VAT total:	1,200.00
* Date:	13/03/2018	<input type="checkbox"/> Credit hold		Order total:	6,200.00
* Requested on:	13/03/2018	<input type="checkbox"/> Print description on invoice		Discount total:	0.00
Customer order:		<input type="checkbox"/> Print note on external sales documents			
External referen...:		<input type="checkbox"/> Print note on internal sales documents			
Description:					

DOCUMENT DETAILS | VAT DETAILS | COMMISSIONS | FINANCIAL SETTINGS | PAYMENT SETTINGS | DELIVERY SETTINGS

🔄 + 📄 ✕ | ALLOCATIONS | ADD SALES INVOICE | ADD STOCK ITEM | PURCHASE ORDER LINK | INVENTORY SUMMARY

📄	📄	Item ID	Free item	Warehous	* UoM	Quantity	Qty. on shipments	Open qty.	Unit cost	Unit price	Discount percent
>	📄	ALT222	<input type="checkbox"/>	1	BOX	1.00	0.00	1.00	500.0000	5,000.0000	0.000000