This concept described in this PWP presentation was not used in the MPH_AOPR 2023-2024 course DO NOT STUDY!

Introduction to MS Dynamics 365 Business Central

Discounts new version in MS 365 BC

Ing.J.Skorkovský,CSc.

MASARYK UNIVERSITY BRNO, Czech Republic
Faculty of economics and business administration
Department of business manmagement

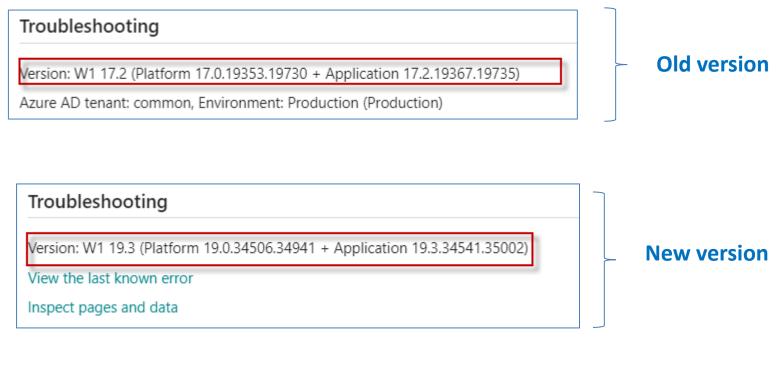
Statements

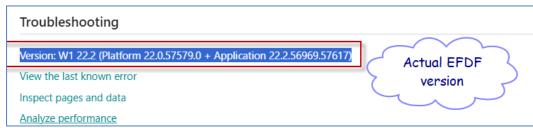
- Discount system configuration may be different according to the Business Central version (ESF actual version has a number 22)
- The discount system also includes the creation of price lists for various customers or groups of customers and various categories of traded items.

How to determine the Dynamics 365 Business Center version

- 1. Log into your Business Central software and click the 'Help' icon a small question mark in the top right-hand corner
- 2. Select the 'Help & Support' option
- 3. In the window that opens, in the **Troubleshooting** section it should display your current version number with the build version, and the product release name in brackets.

Older and more recent versions of BC on which the PWP file with serial number VIII-I (old) and VIII-II (new) is based





Discounts -reasons for use (already mentioned in the file BC - 8-1)

Use of discounts:

- Support of "Sales" actions->lower stock value and better liquidity
- Support of marketing ->new clients
- Basic incentives for any client
- To differentiate between clients (based on sales in the last period or other criteria)
- Types :
- Price ->modification of Unit Price
- Line ->change the final price in %
- Invoice Discount -> based on the level of invoiced amount

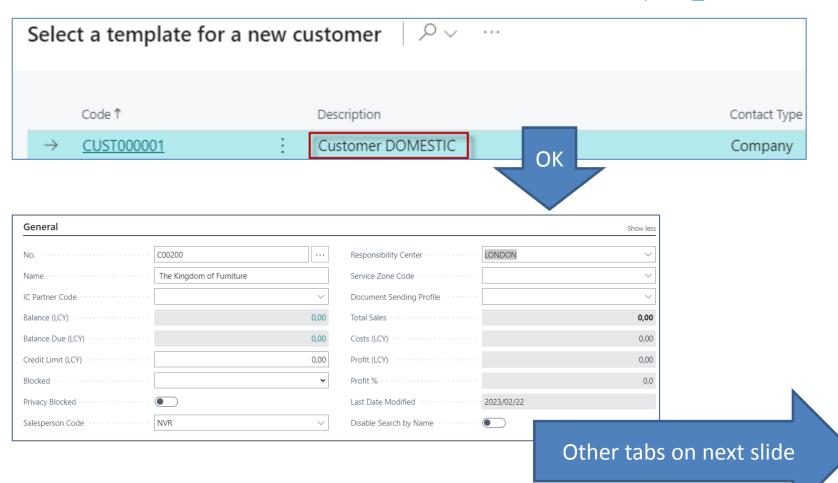
Discount calculations I

(already mentioned in the file BC - 8-1)

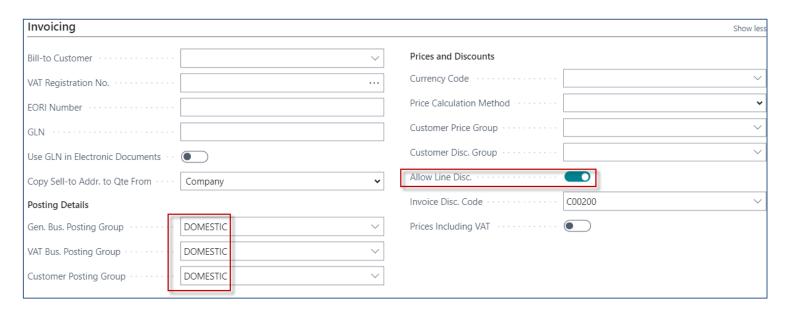
- Unit price=**100**
- We can manually reduce the Unit price to a lower level, for instance, 90, so the new updated Unit price on the created document will be 90
- We can assign to selling (purchasing) line discount in %, so let's use a 10 % line discount
- The final Unit price will then be 90*0,9=81

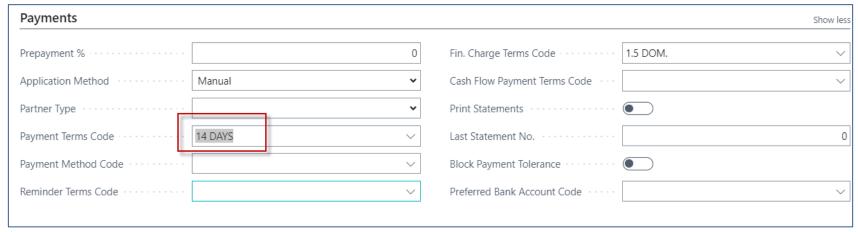
Creation of the new customer I.

Chosen role = Sales Order Processor -> Customers -> New -> Template_

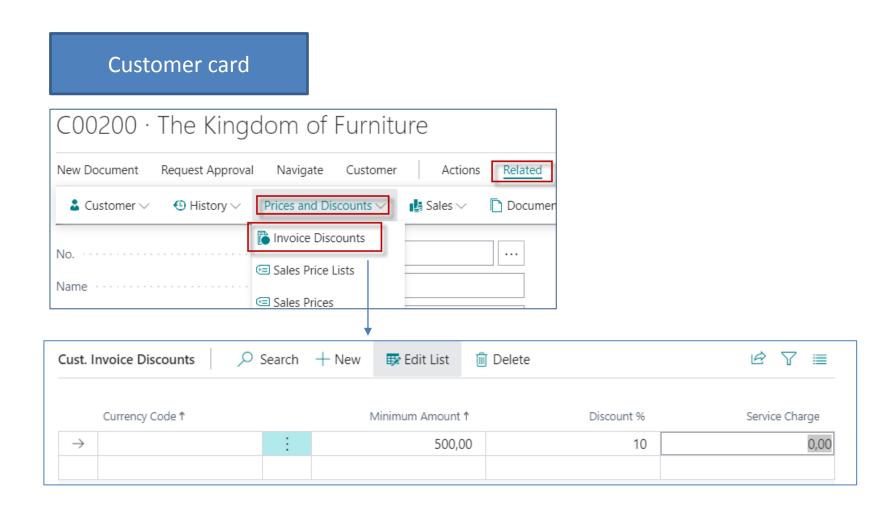


Creation of the new customer II.

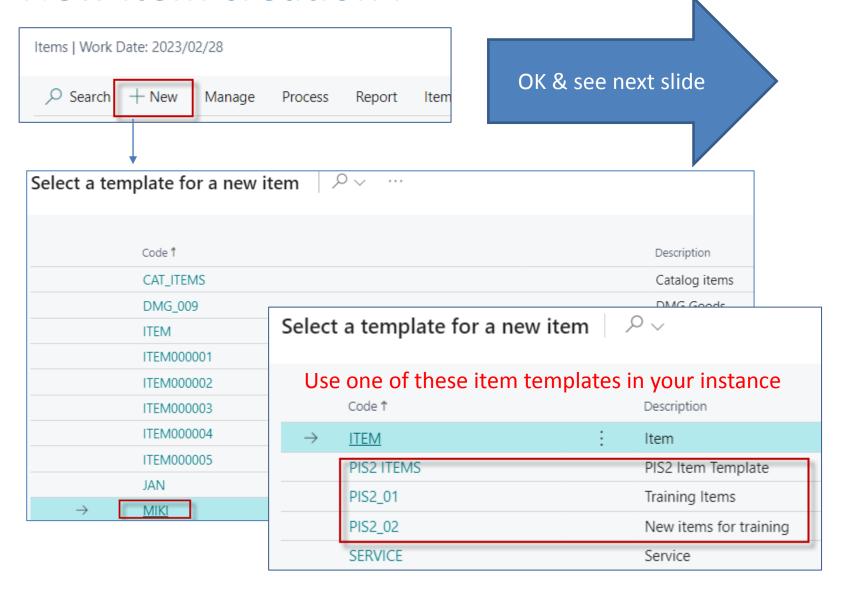




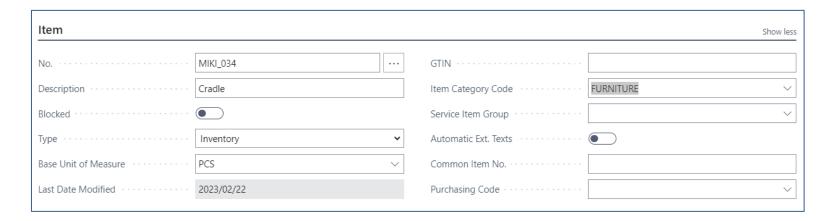
Invoice discount setup on our new customer



New item creation I



New item creation II

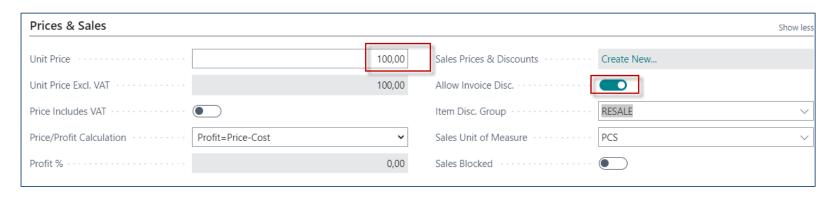


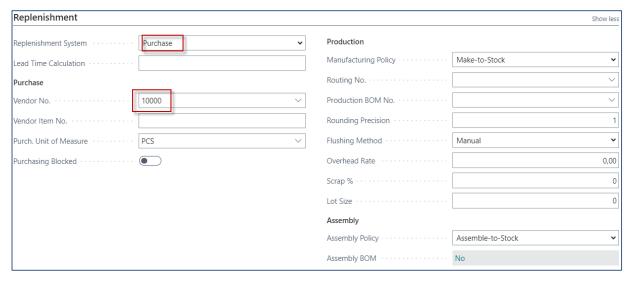


See other Item tabs

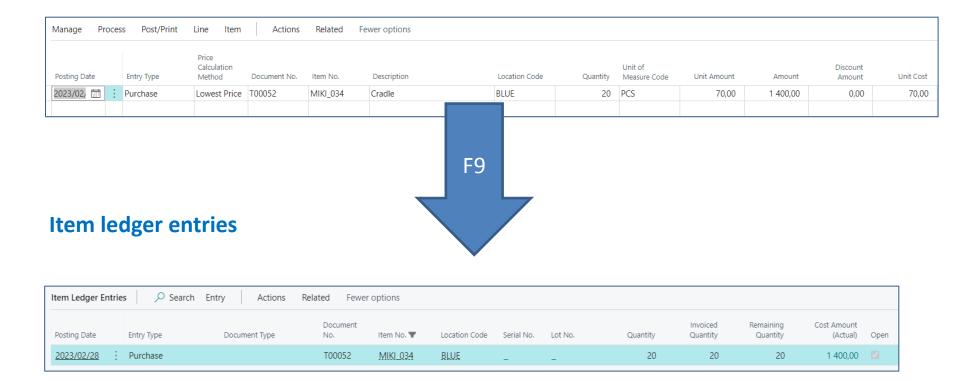
New item creation III

Values of some fields are entered manually on the card





Purchasing item by use of Item journal



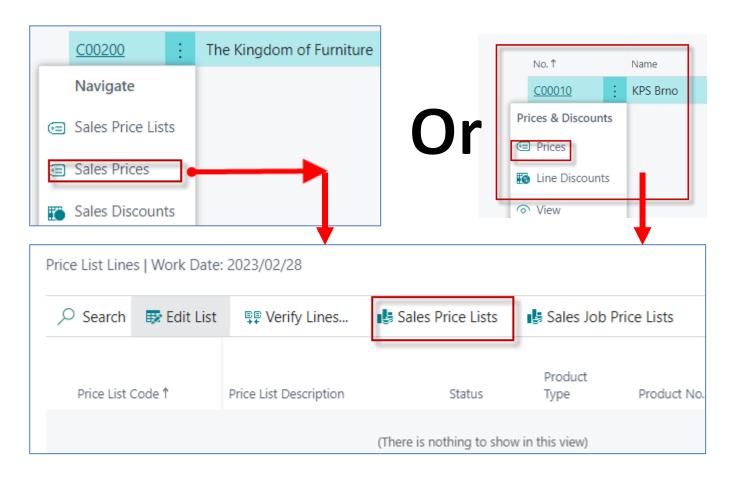
So far we have only used Purchase orders for replenishment. Now we will use this item journal. Everything is the same except that the vendor is not included in this type of replenishment.

Setup of discounts from Customer card

Types of settings (combinations of discounts)

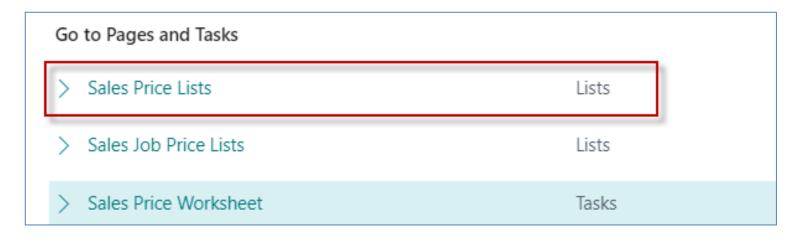
For whom	What for?	Unit price	Line discount
Customer	Item Our	1st model	
Customer Discount Group	Item		
Customer	Item Discount Group		
Customer Discount Group	Item Discount Group		
All Customers	Item		
All Customers	Item Discount Group		

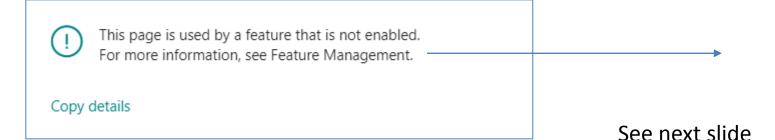
Customer (chosen Customer number C00200)



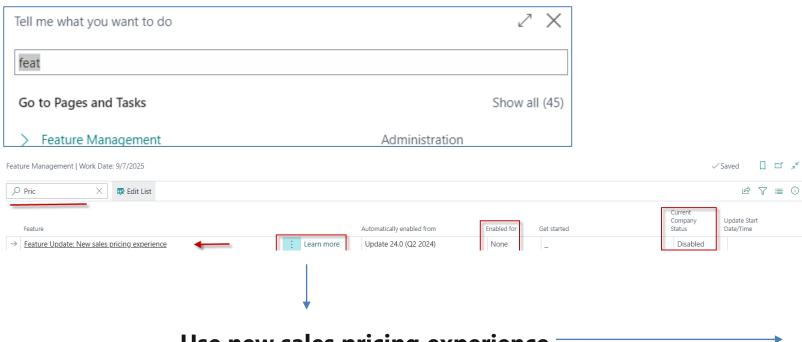
In the newer version of BC, we have to access the Sales Price list through the search window

Sales Price List access (new BC)





Feature Management



Use new sales pricing experience

Use new sales pricing experience

- If you record special prices and line discounts for sales and purchases, Business Central can automatically calculate prices on sales and purchase documents, and on job and item journal lines. The price is the lowest permissible price with the highest permissible line discount on a given date. Price calculation in Business Central can fit many businesses, but there are also many that have industry or business-specific pricing needs. This improvement addresses such needs by making price calculation and its user experience easily extendable.
- By default, the status of new price lists is Draft. When you're done adding lines and want the price calculation engine to include it, you can change the status to Active.
- To review price lists and prices that apply for specific customers or vendors, on the Customer page, choose Sales Price Lists or, on the Vendor page, choose Purchase Price Lists. You can view price list lines set in various price lists by choosing Sales Prices or Purchase Prices from the Item and Resource pages.

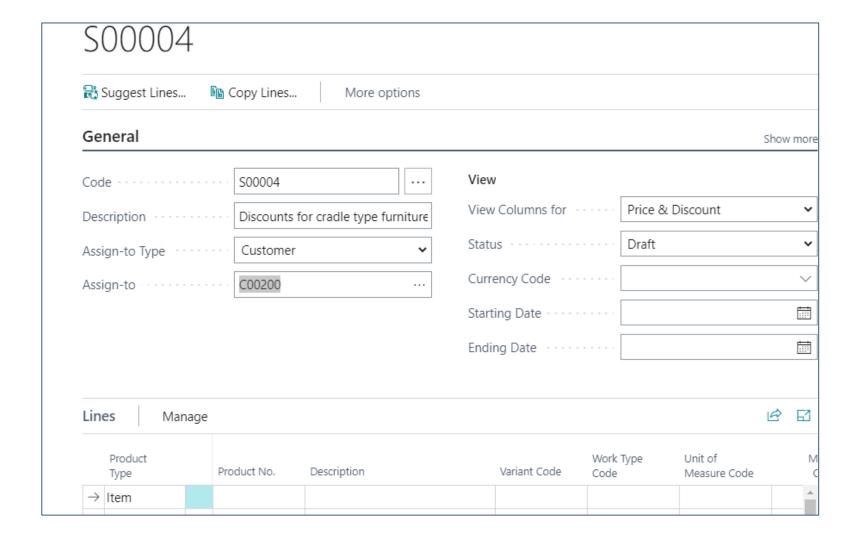
Sales Price Lists

• The system opens previously created Sales Price Lists for other customers created before and other types of discounts for selected items. These Lists can have different states such as **Active** or **Draft** or **Inactive**

∠ Search	+	New Manage					e 7
Code ↑		Description	Status	Allow Upd Def	Defines Curi	Assign-to rency Type	Assign-to
<u>S00001</u>	:	Default price list.	Active		Price & Dis	(AII)	
S00002		TEST Ralph	Draft		Price & Dis ZAF	R Customer	C00080
S00003		Training SP List_001	Active		Price & Dis	All Custor	n

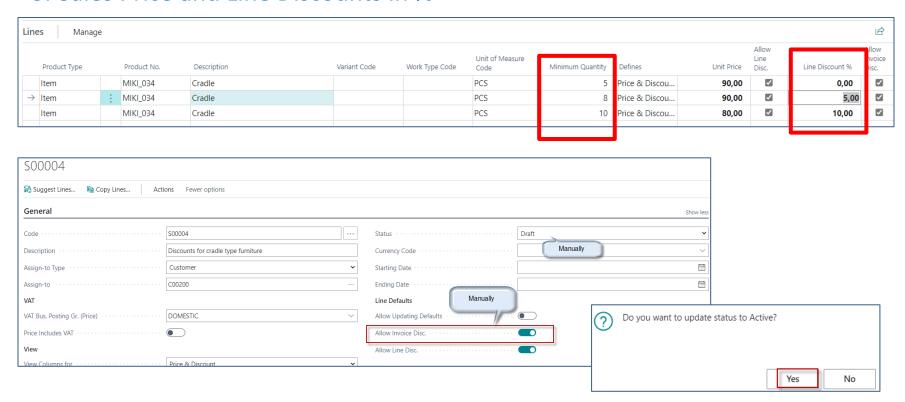
Let's create a new Sales Price List

Let's create a new Sales Price List (header)



Let's create a new Sales Price List (lines)

In the rows it is necessary to set both the quantity determining levels for activating the **quantity rebates** and then the modification of Sales Price and Line Discounts in %



Sales Price List afer editing

Code S00004 Status Active Description Discounts for cradle type furniture Currency Code Sargin-to Type Customer Starting Date	S00004										
Code S00004 Status Active Description Discounts for cradle type furniture Currency Code Starting Date	Suggest Lines 🖺 Copy Lines 📭 Veri	fy Lines Actions Fewer o	ptions								
Description Discounts for cradle type furniture Currency Code Assign-to Type Customer Assign-to C00200 Starting Date Ending Date Line Defaults VAT Line Defaults Allow Updating Defaults View Columns for Price & Discount View Columns for Price & Discount Unit of Measure Code Minimum Quantity Defines Unit Price Discount Starting Date Starting	General										Show le
Assign-to Type	Code	S00004			Status · · · · · · ·		Ac	tive			•
Assign-to C00200 Ending Date	Description · · · · · · · · · · · · · · · · · · ·	Discounts for cradle type furniture			Currency Code · · ·						\
VAT VAT Bus. Posting Gr. (Price) DOMESTIC Allow Updating Defaults Allow Invoice Disc. View View Columns for Price & Discount View Columns for Product Type Product Type Product No. Description Variant Code Voriant Code Voriant Code Voriant Code Voriant Code Voriant Code PCS Price & Discou Price & Discou Allow Line Line Defaults Allow Updating Defaults Allow Line Disc. Line Disc. Allow Line Line Disc. Lin	Assign-to Type · · · · · · · · · · · · · · · · · · ·	Customer		~	Starting Date · · · ·						til
VAT Bus. Posting Gr. (Price) DOMESTIC Allow Updating Defaults Allow Invoice Disc. Allow Line Disc. View View Columns for Price & Discount View Columns for Price & Discount Unit of Measure Code Work Type Code Code Minimum Quantity Defines Unit Price Disc. Line Mikl_034 Cradle PCS 5 Price & Discou 90,00 ✓ 0,00	Assign-to · · · · · · · · · · · · · · · · · · ·	C00200			Ending Date						ā
Price Includes VAT View View Columns for Price & Discount Unit of Measure Code Product Type	VAT				Line Defaults						
View Columns for Price & Discount Allow Line Disc. Allow Line Disc. Lines Manage Product Type Product Type Product Type Product Type Product No. Description Variant Code Work Type Code Work Type Code Work Type Code Minimum Quantity Defines Unit Price Disc. Line Discount % Invoice Disc. Line Discount % Disc. Line Discount % Disc. Line Discount % Disc. Line Discount % Disc. Disc. Line Discount % Disc. Disc. Line Discount % Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. Disc. D	VAT Bus. Posting Gr. (Price)	DOMESTIC		~	Allow Updating De	efaults · · · · · · ·		\supset			
View Columns for Price & Discount Lines Manage Product Type Product No. Description Variant Code Work Type Code Minimum Quantity Code Defines Unit of Measure Code Minimum Quantity Invoice Disc. Item MIKI_034 Cradle PCS 5 Price & Discoun. 90,00 0,00 0.00 → Item Item MIKI_034 Cradle PCS 8 Price & Discoun. 90,00 5,00 5	Price Includes VAT · · · · · · · · · · · · · · · · · · ·				Allow Invoice Disc.			D			
Lines Manage Product Type Product No. Description Variant Code Work Type Code Code Minimum Quantity Defines Unit Price Disc. Line Discount % Disc. Item MIKI_034 Cradle PCS 5 Price & Discou 90,00 ☑ 0,00 ☑ → Item ■ MIKI_034 Cradle PCS 8 Price & Discou 90,00 ☑ 5,00 ☑	View				Allow Line Disc.			D			
Product Type Product No. Description Variant Code Work Type Code Code Minimum Quantity Defines Unit Price Disc. Item MIKI_034 Cradle PCS 5 Price & Discou 90,00 ☑ 0,00 ☑ → Item ■ MIKI_034 Cradle PCS 8 Price & Discou 90,00 ☑ 5,00 ☑	View Columns for	Price & Discount		~							
Product Type Product No. Description Variant Code Work Type Code Code Minimum Quantity Defines Unit Price Disc. Item MIKI_034 Cradle PCS 5 Price & Discou 90,00 ☑ 0,00 ☑ → Item ■ MIKI_034 Cradle PCS 8 Price & Discou 90,00 ☑ 5,00 ☑											
Product Type Product No. Description Variant Code Work Type Code Minimum Quantity Defines Unit Price Disc. Line Discount % Disc. Item MIKI_034 Cradle PCS 5 Price & Discou 90,00 ✓ 0,00 ✓ → Item Item MIKI_034 Cradle PCS 8 Price & Discou 90,00 ✓ 5,00 ✓	Lines Manage										e c
→ Item : MIKI_034 Cradle PCS 8 Price & Discou 90,00 ☑ 5,00 ☑	Product Type Product No. De	escription	Variant Code	Work Type Code		Minimum Quantity ~	Defines	Unit Price	Line	Line Discount %	Invoice
		adle			PCS	5	Price & Discou	90,00	V	0,00	V
Item MIKI_034 Cradle PCS 10 Price & Discou 80,00 ☑ 10,00 ☑											
	Item MIKI_034 Cra	adle			PCS	10	Price & Discou	80,00	V	10,00	V

Туре		No.	Item Reference No.	Catalog	Description	Line Discount Amount	Allow Invoice Disc.	Drop Ship	Asse Order No.	Pur Code	Special Order	Location Code	Quantity
Item		MIKI_034			Cradle	0,00	V					BLUE	1
Item		MIKI_034			Cradle	0,00	Z					BLUE	5
Item		MIKI_034			Cradle	36,00						BLUE	8
Item	÷	MIKI_034			Cradle	80,00	✓					BLUE	10

Sales Order lines (SO lines)

1st part of the line

Туре		No.	Item Reference No.	Catalog	Description	Line Discount Amount	Allow Invoice Disc.	Drop Ship	Asse Order No.	Pur Code	Special Order	Location Code	Quantity
Item		MIKI_034			Cradle	0,00	V					BLUE	1
Item		MIKI_034			Cradle	0,00						BLUE	5
Item		MIKI_034			Cradle	36,00						BLUE	8
Item	÷	MIKI_034			Cradle	80,00						BLUE	10

Followed by the second part of the line

Quantity	Applto Item Entry	Qty. to Assemble to Order	Reserved Quantity	Applfrom Item Entry	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT
1	0	_	_	0	PCS	100,00		100,00
5	0	_	_	0	PCS	90,00		450,00
8	0	_	_	0	PCS	90,00	5	684,00
10	0	_	_	0	PCS	80,00	10	720,00

Calculation method Line discount amount presented on 3rd Sales Order line:

8 * 90 = 720

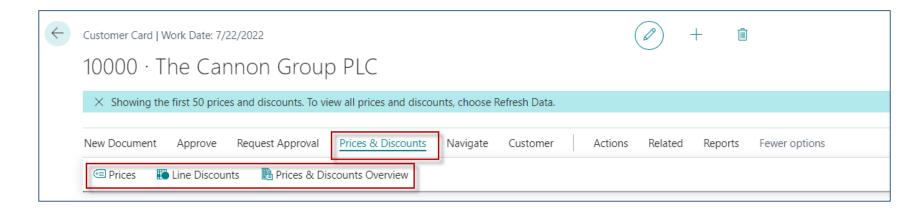
720 * 0,95=684, where 0,95 represents 5 % of discount

Unit Discount Amount is calculated: 720-684=36

Customer card one possibility to access discount

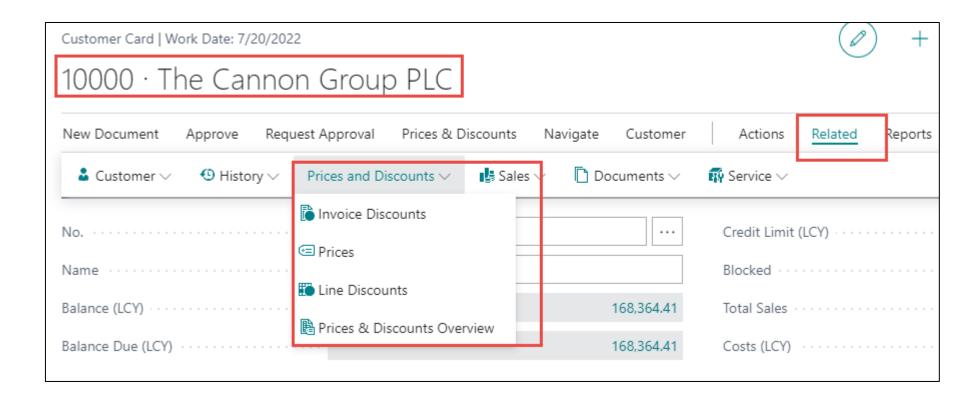
	No. T	Name	Center	Location Code	Phone No.	Contact
	01121212	Spotsmeyer's Furnishings		YELLOW		Mr. Mike Nash
	01445544	Progressive Home Furnishings		YELLOW		Mr. Scott Mitchell
	01454545	New Concepts Furniture		YELLOW		Ms. Tammy L. McDonald
	01905893	Candoxy Canada Inc.		YELLOW		Mr. Rob Young
	01905899	Elkhorn Airport		YELLOW		Mr. Ryan Danner
	01905902	London Candoxy Storage Cam		YELLOW		Mr. John Kane
	10000	The Cannon Group PLC	BIRMINGHAM	BLUE		Mr. Andy Teal
lг	Prices & Discounts	Selangorian Ltd.				Mr. Mark McArthur
@	■ Prices	Metatorad Malaysia Sdn Bhd		YELLOW		Mrs. Azleen Samat
	Line Discounts	Highlights Electronics Sdn Bhd		GREEN		Mr. Mark Darrell Boland
-	Manage	TraxTonic Sdn Bhd		YELLOW		Mrs. Rubina Usman
	Yiew	Somadis		YELLOW		M. Syed ABBAS

Customer card ->2nd possibility to access discount

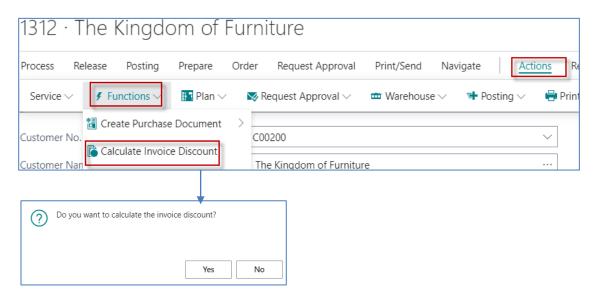


Here you can set the different unit prices in absolute values as well as the % discount depending on the quantity of items.

Customer card-3rd possibility to setup discounts



Invoice discount activation



Type		No.	Item Reference No.	Catalog	Description	Line Discount Amount	Allow Invoice Disc.	Drop Ship	Asse Order No.	Pur Code	Special Order	Location Code	Quantity
→ Item	:	MIKI_034			Cradle	0,00	V					BLUE	T .
Item		MIKI_034			Cradle	0,00	~					BLUE	
Item		MIKI_034			Cradle	36,00	~					BLUE	8
Item		MIKI_034			Cradle	80,00						BLUE	1(
Subtotal Excl.	VAT (GE	BP) · · · · · ·					1 954,00	Total E	xcl. VAT (0	GBP)			
nv. Discount	Amount	t Excl. VAT (GBP)				195,40	Total V	AT (GBP)				
i Di	n+ 9/					·	10	Total Ir	oct VAT (G	SPD)			

Sales Invoice

Invoice

103229

CRONUS, London RC.

The Kingdom of Furniture

Jack S. Richins Kensington Street, 22 London, N12 5XY Great Britain

+44-999 154642

Document Date Due Date Payment Terms 28 February 2023 14 March 2023 Net 14 days

No.	Description	Quantity	Unit	Unit Price Excl. VAT		VAT %	Line Amount Excl. VAT
MIKI_034	Cradle	1	Piece	100,00		10	100,00
MIKI_034	Cradle	5	Piece	90,00		10	450,00
MIKI_034	Cradle	8	Piece	90,00	-596	10	684,00
MIKI_034	Cradle	10	Piece	80,00	-1096	10	720,00
						Subtotal	1 954,00
					Invoice	Discount	-195,40
					Total £	Excl. VAT	1 758,60
						1096 VAT	175,86
			Total f				1 934,46



Pay with PayPal (NOTE: This Is a test invoice. Therefore, no actual money transfer will be made.)

G/L Entries from Customer Ledger entries

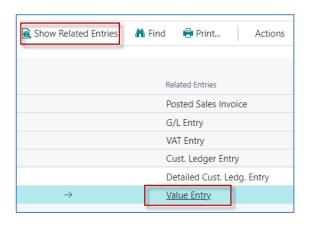
Customer Card->Ctrl-F7->Entry->Find entries



Discount Granted G/L Account



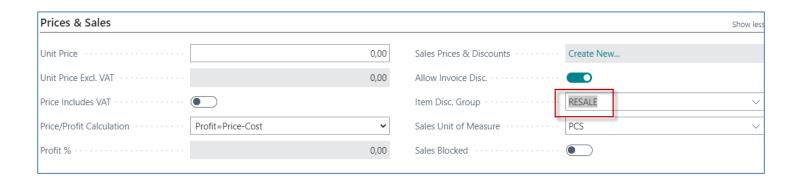
Value entries after sales



Posting Date T		Valuation Date	Variance Type	Item Ledger Entry Type	Entry Type	Adj	Document Type	Document No.↑▼	Order No.	Charge No.	Description	Sales Amount (Actual)	Cost Posted to G/L (ACY)
2023/02/28	:	2023/02/28		Sale	Direct Co	st 🗆	Sales Invoice	103229				90,00	0,00
2023/02/28		2023/02/28		Sale	Direct Co	st 🗆	Sales Invoice	103229				405,00	0,00
2023/02/28		2023/02/28		Sale	Direct Cos	st 🗆	Sales Invoice	103229				615,60	0,00
2023/02/28	:	2023/02/28		Sale	Direct Co	st 🗆	Sales Invoice	103229				648,00	0,00

Original Unit price =684, VAT 10% = 68,4 and Selling price without VAT = 615,60 = 684-68,4

Next new item type cradle



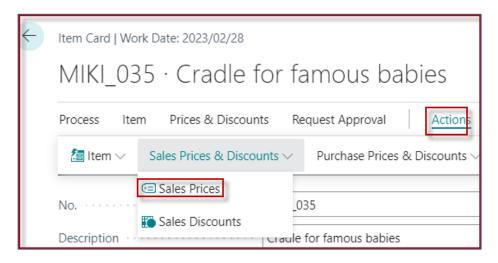
So after buying with Item journal we will have two cradles with the same Item Discount Group = Resale. Both cradles have also dimension Furniture with Dimension Value = Cradle

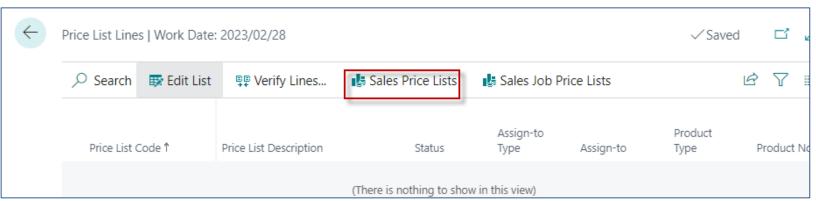
Setup of discounts from item

Types of settings (combinations)

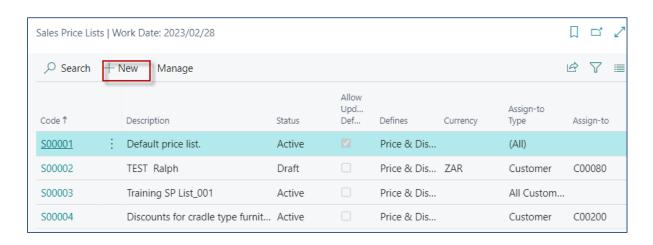
For whom	What for?	Unit price	Line discount
Customer	Item		
Customer Discount Group	Item		
Customer	Item Discount group	not allowed	
Customer Discount Group	Item Discount Group		
All Customers	Item		
All Customers	Item Discount Group		

Setup of discounts from item I



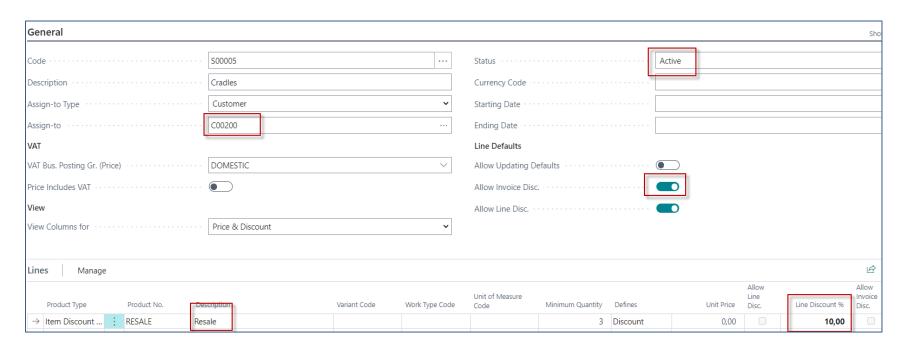


Setup of discounts from item card II





Setup of discounts from item II



Sales Order Line (applied Item Discount Group)

1st part of the line



2nd part of the line

Quantity	Applto Item Entry Y	Qty. to Assemble to Order	Reserved Quantity	Applfrom Item Entry	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT
3	0	_	_	0	PCS	100,00	10	270,00
3	0	_	_	0	PCS	100,00	10	270,00

Best Price Calculation -> home study

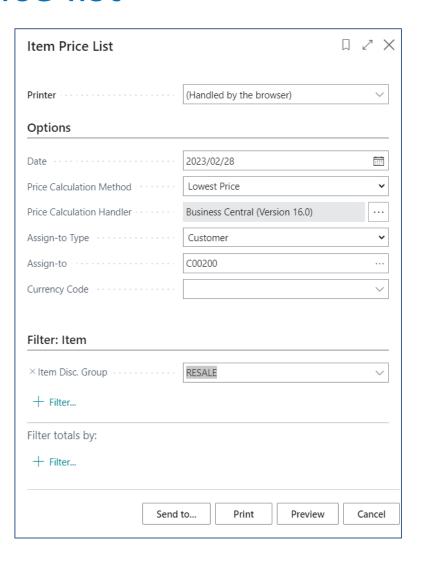
After you record Special prices and line discounts for sales and purchases, **Business Central** calculates the best price on sales and purchase documents, and on job and item journal lines.

The best price is the lowest price with the highest line discount allowed on a given date. Business Central calculates best prices when it adds unit prices and the line discount percentages on document and journal lines.

Item Price List



Item Price list



Price List

Price List					Wednesday, 22 February 2023 Page 2 / 2	
As of 28 February 2023 NAV						
Customer COO The Kingdom						
Item No.	Description	Unit of Measure	Minimum Quantity	Unit Price	Line Discount %	VAT
1000 5	SEOUL Guest Chair, red	PCS		125.10		Excl.
1988-S	SEOUL Guest Chair, red	PCS	3		10.00	
1996-S	ATLANTA Whiteboard, base	PCS	•	906.70	10,00	Excl.
	CILCATA WITHERDOOD, DESK	PCS	3	506,70	10.00	
2000-S	SYDNEY Swivel Chair, green	PCS	_	123.30	10,00	Excl.
	2.2	PCS	3		10.00	
80100	Printing Paper	BOX	_	5.70		Excl.
		BOX	3		10,00	
80102-T	17" M780 Monitor	PCS		11,20		Excl.
		PCS	3		10,00	
80103-T	19" M009 Monitor	PCS		22,90		Excl.
		PCS	3		10,00	
80208-T	Microsoft Intellimouse	PCS		2,90		Excl.
		PCS	3		10,00	
80216-T	Ethernet Cable	PCS		0,80		Excl.
		PCS	3		10,00	
80218-T	Hard disk Drive	PCS		22,90		Excl.
		PCS	3		10,00	
MIKI_034	Cradle for very small babies	PCS	5	90,00		Excl.
		PCS	8	90,00		Excl.
		PCS	10	80,00		Excl.
		PCS	5			
		PCS	8		5,00	
		PCS	10		10,00	
		PCS	3		10,00	
MIKI_035	Cradle for famous babies	PCS		0,00		Excl.
		PCS	3		10,00	

Our model



End of the section

(Discounts new version)



This is the end
Beautiful friend
This is the end
My only friend, the end...

So why worry now