

Business Central Introduction

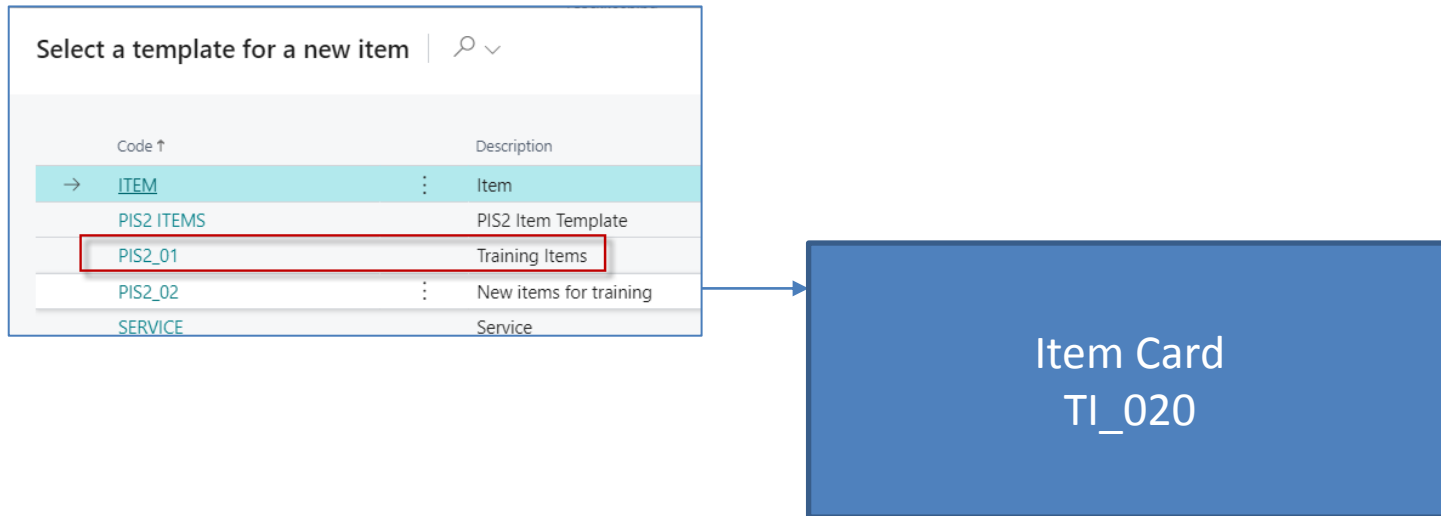
Reservation basics

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New item creation

1. Create a new item (in the model author's database it is TI_020). The item number in your databases may be different. Acquisition price (Cost) will be 12 Pounds, Unit price 20 Pounds, Valuation method =FIFO, Calculation of Lead Time =0, Replenishment system = Purchase, Replenishment method Lot-for-Lot, Vendor number =10000 (Replenishment tab), Lot accumulation period =1T, Accounting groups : Retail, VAT10 and RESALE. Use one of the templates and manually edit the created card. Safety Lead time =0



Item Card

← Item Card | Work Date: 2/17/2027

TI_020 · Hydraulic Unit

Home Request Approval Item Prices & Discounts Actions Related Fewer options

Copy Item Adjust Inventory Create Stockkeeping Unit Apply Template

Costs & Posting

Show less

Cost Details		Posting Details	
No.	Costing Method FIFO	Gen. Prod. Posting Group	RETAIL
Description	Standard Cost		
Blocked	Unit Cost		

Prices & Sales

Show less

Indirect Cost %	Unit Price 20.00	Sales Prices & Discounts	Create New...
Last Direct Cost	Unit Price Excl. VAT 20.00	Allow Invoice Disc.	<input checked="" type="checkbox"/>
Net Invoiced Qty.	Price Includes VAT <input type="checkbox"/>	Item Disc. Group	
Cost is Adjusted	Price/Profit Calculation	Sales Unit of Measure	PCS
Cost is Posted to	Profit % 0.00	Sales Blocked	<input type="checkbox"/>

Replenishment

Show more

Replenishment System	Purchase	Production	
Lead Time Calculation	1D	Manufacturing Policy	Make-to-Stock
Purchase		Routing No.	
Vendor No.	10000	Production BOM No.	

Inventory

Location setup

Warehouse			
Require Receive	<input checked="" type="checkbox"/>	Default Bin Selection	<input type="text" value=""/>
Require Shipment	<input checked="" type="checkbox"/>	Outbound Whse. Han...	<input type="text" value="2D"/>
Require Put-away	<input checked="" type="checkbox"/>	Inbound Whse. Handl...	<input type="text" value="1D"/>

Blue

Warehouse			
Require Receive	<input type="checkbox"/>	Default Bin Selection	<input type="text" value=""/>
Require Shipment	<input type="checkbox"/>	Outbound Whse. Han...	<input type="text" value="1D"/>
Require Put-away	<input type="checkbox"/>	Inbound Whse. Handl...	<input type="text" value="3D"/>

Red

Purchase of created item and Item ledger entries by use of Item journal

Batch Name DEFAULT

Manage [Home](#) Line | More options

[Post](#) |
 [Calculate Warehouse Adjustment...](#) |
 [Print...](#) |
 [Get Standard Journals...](#) |
 [Recalculate Unit Amount](#) |
 [Explode BOM](#)

Posting Date	Entry Type	Document No.	Item No.	Description	Location Code	Bin Code	Quantity	Unit of Measure Code	Unit Amount	Amount	Discount Amount	Unit Cost
2/17/2020	Purchase	T00017	TI_020	Hydraulic Unit	BLUE		10	PCS	12.00	120.00	0.00	12.00
2/17/2027	Purchase	T00017	TI_020	Hydraulic Unit	RAL10		8	PCS	12.00	96.00	0.00	12.00

F9

Item Ledger Entries | Search | Find entries... | Entry | Order Tracking | Application Worksheet

Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Department Code	Lot No.	Serial No.	Expiration Date	Project Code	Location Code	Quantity
2/17/2027	Purchase		T00017	TI_020							RAL10	8
2/17/2027	Purchase		T00017	TI_020							BLUE	10

Invoiced Quantity	Cost Amount (Expected)	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)	Open
8	0.00	8	0.00	96.00	0.00	<input checked="" type="checkbox"/>
10	0.00	10	0.00	120.00	0.00	<input checked="" type="checkbox"/>

Sales line

Customer 1000 has Shipment Time set to 2D

Demand

Shipment Method	
Code	EXW
Agent	FEDEX
Agent Service	STANDARD
Shipping Time	2D
Base Calendar Code	
Customized Calendar	No

Lines | [Manage](#) | Line | Order

New Line Delete Line Select items...

Type	No.	Item Reference No.	Cat...	Purchasing Code	Drop Ship...	Description	Location Code	Quantity
→ Item	⋮	TI_020	<input type="checkbox"/>		<input type="checkbox"/>	Hydraulic Unit	BLUE	30
Item		TI_020	<input type="checkbox"/>		<input type="checkbox"/>	Hydraulic Unit	RED	30

Requisition worksheet suggestion

Type	No.	Action Message	Acc... Acti... Mes...	Description	Location Code	Original Quantity	Quantity	Unit of Measure Code	Direct Unit Cost	Original Due Date	Due Date
Item	TI_020	New	<input checked="" type="checkbox"/>	Hydraulic Unit	BLUE		20	PCS	12.00		2/17/20
Item	TI_020	New	<input checked="" type="checkbox"/>	Hydraulic Unit	RED		30	PCS	12.00		2/17/20



Should be $22 = 30 - 8$

At the time of creating the PWP presentation, the database parameters was set up differently...



} Purchase lines

Purchase Lines

Lines | Manage | Line | Functions | Order

New Line Delete Line Select items...

Type	No.	Item Reference No.	Description	Location Code	Bin Code	Drop Ship...	Quantity	Reserved Quantity	Unit of Measure Code	Direct Unit Cost Excl. VAT	Line Amount Excl. VAT	Qty. to Receive
→ Item	:	TI_020	Hydraulic Unit	BLUE		<input type="checkbox"/>	20	-	PCS	12.00	240.00	20
Item		TI_020	Hydraulic Unit	RED		<input type="checkbox"/>	30	-	PCS	12.00	360.00	30

1st part

Lines | Manage | Line | Functions | Order

New Line Delete Line Select items...

Type	Quantity Received	Qty. to Invoice	Quantity Invoiced	Qty. to Assign	Item Charge Qty. to Handle	Qty. Assigned	Promised Receipt Date	Planned Receipt Date	Expected Receipt Date
→ Item	:	20		0	0	-		2/15/2027	2/17/2027
Item		30		0	0	-		2/13/2027	2/17/2027

2nd part

Reservation from Sales lines I

Lines | Manage | **Line** | Order

Functions ▾ Item Availability by ▾

- Get Price...
- Get Line Discount...
- Explode BOM
- Insert Ext. Texts
- Reserve...**
- Order Tracking

No.
TI_020
TI_020

Edit - Reservation - Order 1079 TI_020

General

Item No.	TI_020	Quantity to Reserve	30
Shipment Date	2/17/2027	Reserved Quantity	0
Description	Hydraulic Unit	Unreserved Quantity	30

Home | Line

Reserve from Current Line | **Auto Reserve** | Cancel Reservation from Current Line

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
Item Ledger Entry	10	-		10	-
→ Purchase Line Order	20	-		20	-

Reservation from Sales lines I

Edit - Reservation - Order 1079 TI_020

General

Item No. TI_020 Quantity to Reserve 30

Shipment Date 2/17/2027 Reserved Quantity 30

Description Hydraulic Unit Unreserved Quantity 0

[Home](#) Line

Reserve from Current Line Auto Reserve Cancel Reservation from Current Line

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
Item Ledger Entry	10	10			10
→ Purchase Line_Order	20	20			20

Sales line after reservation

Lines | Manage Line Order

⚡ Functions ▾ 📅 Item Availability by ▾ Related Information ▾

Type	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	Unit Price Excl. VAT
→ Item	Hydraulic Unit	BLUE	30		30	PCS	20.00
Item	Hydraulic Unit	RED	30		-	PCS	20.00

Reservation Entries | 🔍 Search 📄 Edit List ✖ Cancel Reservation

Reservation Status ▼	Item No.	Location Code	Quantity (Base)	Reserved For	Reserved From
→ Reservation	TL020	BLUE	-10	Sales Order 1079	Item Ledger Entry 598
Reservation	TL020	BLUE	-20	Sales Order 1079	Purchase Order 106079

2nd Sales line reservation for location RED

Edit - Reservation - Order 1079 TI_020

General

Item No. TI_020 Quantity to Reserve 30

Shipment Date 2/17/2027 Reserved Quantity 30

Description Hydraulic Unit Unreserved Quantity 0

Home Line

Reserve from Current Line Auto Reserve X Cancel Reservation from Current Line

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
→ Purchase Line Order	30	30			30

Filters

Variant Code Lot No.

Location Code RED Package No.

Lines Manage Line Order

Functions Item Availability by Related Information

Type	Cat...	Purchasing Code	Drop Ship...	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Cod
Item				Hydraulic Unit	BLUE	30		30	PCS
→ Item	:			Hydraulic Unit	RED	30		30	PCS

Reservation Entries Search Edit List X Cancel Reservation

Reservation Status	Item No.	Location Code	Quantity (Base)	Reserved For	Reserved From
→ Reservation	: TI_020	RED	-30	Sales Order 1079	Purchase Order 106079

Purchase lines after reservation

Lines <u>Manage</u> Line Functions Order											
New Line Delete Line Select items...											
Type	No.	Item Reference No.	Description	Location Code	Bin Code	Drop Ship...	Quantity	Reserved Quantity	Unit of Measure Code	Direct Unit Cost Excl. VAT	
→ Item	:	TI_020	Hydraulic Unit	BLUE		<input type="checkbox"/>	20	20	PCS	12.00	
Item		TI_020	Hydraulic Unit	RED		<input type="checkbox"/>	30	30	PCS	12.00	

Cancellation of reservations from Sales lines

Edit - Reservation - Order 1079 TI_020

General

Item No. TI_020 Quantity to Reserve 30

Shipment Date 2/17/2027 Reserved Quantity 30

Description Hydraulic Unit Unreserved Quantity 0

Home Line

Reserve from Current Line Auto Reserve **Cancel Reservation from Current Line**

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
→ Item Ledger Entry	10	10			10
Purchase Line, Order	20	20			20

Filters

Variant Code Lot No.

Location Code BLUE Package No.

Reservation will be cancelled from the warehouse (not from the purchase line)

Do you want to cancel all reservations in the Item Ledger Entry?

Yes No

Edit - Reservation - Order 1079 TI_020

General

Item No. TI_020 Quantity to Reserve 30

Shipment Date 2/17/2027 Reserved Quantity 20

Description Hydraulic Unit Unreserved Quantity 10

Home Line

Reserve from Current Line Auto Reserve **Cancel Reservation from Current Line**

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
→ Item Ledger Entry	10	-		10	20
Purchase Line, Order	20	20			20

Sales lines

Lines Manage <u>Line</u> Order							
⚡ Functions ▾ 🗃️ Item Availability by ▾ Related Information ▾							
Type	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	
→ Item	⋮ Hydraulic Unit	BLUE	30		20	PCS	
Item	Hydraulic Unit	RED	30		30	PCS	

*The
End*