

Introduction to MS Dynamics

NAV XXVIII. [\(Reservations-basics\)](#)

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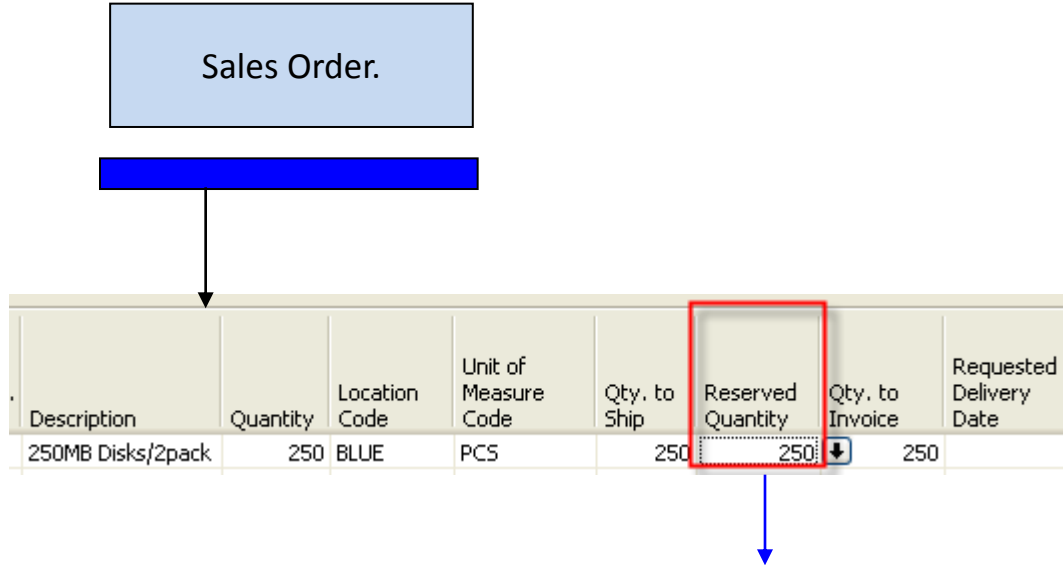
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Department of corporate economy

Reservation-benefits

- Required items are not used for different operations (unexpected sales or consumption in production)
- Due date performance is higher because either production managers or salesperson have in the right time exactly what they need.

Reservations

Sales Order.



Description	Quantity	Location Code	Unit of Measure Code	Qty. to Ship	Reserved Quantity	Qty. to Invoice	Requested Delivery Date
250MB Disks/2pack	250	BLUE	PCS	250	250	250	

Reservation Status	Item No.	Location Code	Quantity (Base)	Reserved For	Reservation entries	Reserved From	Entry No.	Transfer... from Ent...
Reservation	80214	BLUE	-100	Sales Order 1019		Item Ledger Entry 389	56	0
Reservation	80214	BLUE	-150	Sales Order 1019		Purchase Order 106049	57	0

Item card

S1 Seat_SIZE_XXL - Item Card

General Invoicing Replenishment Planning Foreign Trade Item Tracking E-Commerce Warehouse

No. S1

Description Seat_SIZE_XXL

Base Unit of Measure . . PCS

Bill of Materials ☐

Shelf No.

Automatic Ext. Texts . . ☐

Created From Nonstoc... ☒

Item Category Code. . . MISC

Product Group Code. . . SUPPLIERS

Search Description . . . SEAT_SIZE_XXL

Inventory. 0

Qty. on Purch. Order . . 0

Qty. on Prod. Order . . 0

Qty. on Component Lines 0

Qty. on Sales Order . . 0

Qty. on Service Order . . 0

Service Item Group . . .

Blocked ☐

Last Date Modified . . . 03.12.14

Item Purchases Functions Help

Work Date

Work Date 03.12.14

OK Cancel Help

Item card-Planning tab

S1 Seat_SIZE_XXL - Item Card

General Invoicing Replenishment **Planning** Foreign Trade Item Tracking E-Commerce Warehouse

Reordering Policy	Fixed Reorde... ▼	Reorder Cycle.	1W
Include Inventory	<input checked="" type="checkbox"/>	Safety Lead Time	
Reserve	Optional ▼	Safety Stock Quantity . .	0
Order Tracking Policy . .	None ▼	Reorder Point.	0
Stockkeeping Unit Exists .	<input type="checkbox"/>	Reorder Quantity	0
Critical	<input type="checkbox"/>	Maximum Inventory . . .	0
		Minimum Order Quantity .	0
		Maximum Order Quantity .	0
		Order Multiple.	0

Item ▼ Sales ▼ Purchases ▼ Functions ▼ Help

Purchase Order 1 and 2

Purchase Order header 1 (**was delivered** 3.12.2014)

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measure ...	Direct Unit Cost Excl. VAT	Line Amount Excl. VAT	Line Disc	Item Information
*▶ Item	S1	Seat_SIZE_XXL	BLUE	10		PCS	8,00	80,00		<ul style="list-style-type: none"> Item Card Availability (0) Purchase Prices (0) Purchase Line Di... (0)

Purchase Order header 2 (**will be delivered** 5.12.2014)

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measure ...	Direct Unit Cost Excl. VAT	Line Amount Excl. VAT	Line Disc	Item Information
Item	S1	Seat_SIZE_XXL	BLUE	12		PCS	8,00	96,00		<ul style="list-style-type: none"> Item Card Availability (22) Purchase Prices (0) Purchase Line Di... (0)



3.12.
Inventory

5.12.
PO Planned Receipt

10.12. SO
Date of Delivery

Reservations (SO-PO)

Sales Order header (Shipment planned to 10.12.2014)

Type	No.	Description	Location Code	Reserved Quantity	Unit of Measure	Unit Price Excl. VAT	Line Amount Excl. VAT	Line Discount	Qty. to Ship	Quantity Shipped	Qty. to Invoice	Item Information
Item	S1	Seat_SIZE_XXL	BLUE	15	PCS	12,00	180,00		15		15	<ul style="list-style-type: none">Item Card (7)Availability (0)Substitutions (0)Sales Prices (0)Sales Line Di... (0)

Order ▼ Line ▼ Functions ▼ Posting ▼ Print ▼ Help

10 (stock) + 12(PO) =22 and 22-15 (SO)=7

Calculate Invoice Discount
Get Price...
Get Line Discount...
Explode BOM
Insert Ext. Texts
Get Std. Cust. Sales Codes...
Reserve...
Order Tracking

Reservations (SO-PO)

Order 1031 S1 - Reservation

General Filters

Item No. S1 Quantity to Reserve. . . 15

Shipment Date 10.12.14 Reserved Quantity . . . 0

Description Unreserved Quantity . . 15

Summary Type	Total Qua...	Total Res...	Qty. Alloc...	Total Ava...	Current R...
Item Ledger Entry	10			10	
Purchase Line, Order	12			12	

Before reservation

Line Functions Help

Auto Reserve

Reserve from Current Line

Cancel Reservation from Current Line

Order 1031 S1 - Reservation

General Filters

Item No. S1 Quantity to Reserve. . . 15

Shipment Date 10.12.14 Reserved Quantity . . . 15

Description Unreserved Quantity . . 0

Summary Type	Total Qua...	Total Res...	Qty. Alloc...	Total Ava...	Current R...
Item Ledger Entry	10	10			10
Purchase Line, Order	12	5		7	5

After reservation

Line Functions Help

SO and reservation entries

Sales Order header (Shipment planned to 10.12.2014)

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measu...	Unit Price Exd. VAT	Line Amount Exd. VAT	Line Disco...	Qty. to Ship	Quantity Shipped	Qty. to Invoice	Item Information
Item	S1	Seat_SIZE XXL	BLUE	15	15	PCS	12,00	180,00		15		15	<ul style="list-style-type: none">Item Card (7)Availability (7)Substitutions (0)

Drill down to reservation entry (F6)

Sales Line - Reservation Entries							
Reservation Status	Item No.	Location ...	Quantity ...	Reserved For	Reserved From	Entry No.	
▶ Reservation	S1	BLUE	-10	Sales Order 1031	Item Ledger Entry 382	6	
Reservation	S1	BLUE	-5	Sales Order 1031	Purchase Order 106043	7	

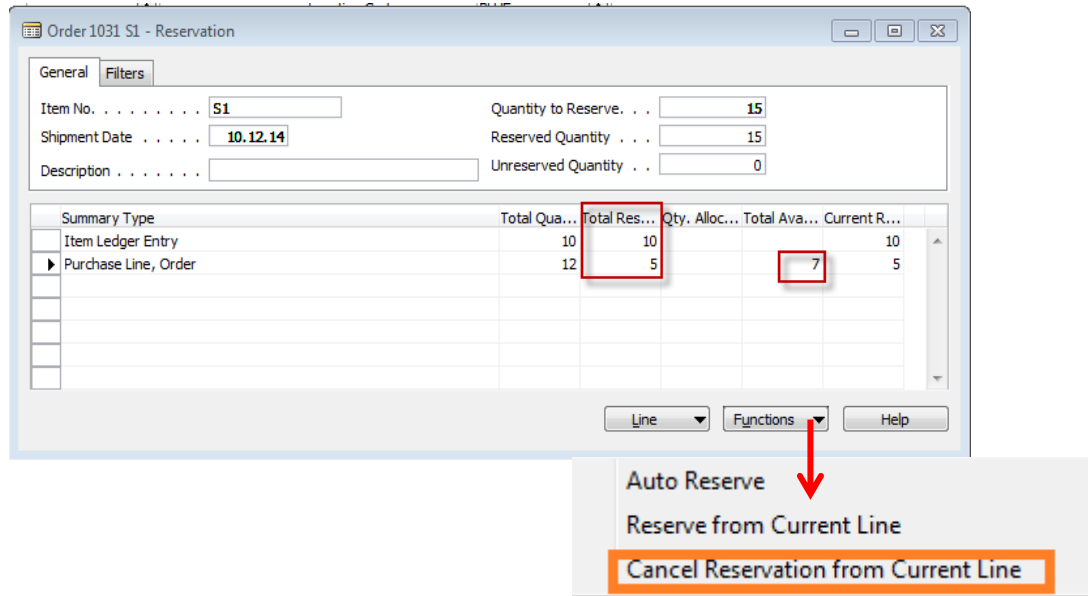
Functions

Help

Cancel Reservation

You can cancel reservation from entries

Cancel of the reservation



You can cancel reservation from reservation window

Reservation-Requisition worksheet

1032 The Cannon Group PLC - Sales Order

General Invoicing Shipping Foreign Trade E-Commerce Prepayment

No. 1032

Sell-to Customer No. 10000

Sell-to Contact No. CT000001

Sell-to Customer Name The Cannon Group PLC

Sell-to Address 192 Market Square

Sell-to Address 2

Sell-to Post Code/City B27 4KT Birmingham

Sell-to Contact Mr. Andy Teal

No. of Archived Versions. 0

Posting Date 07.12.14

Order Date 07.12.14

Document Date 07.12.14

Requested Delivery Date

Promised Delivery Date

Quote No.

External Document No.

Salesperson Code PS

Campaign No.

Opportunity No.

Responsibility Center BIRMINGHAM

Assigned User ID

Status Open

Customer Information

Sell-to Customer

- Ship-to Addresses (2)
- Contacts (5)
- Sales History

Bill-to Customer

- Avail. Credit 0

Type	No.	Description	Location Code	Reserved Quantity	Unit of Measure	Unit Price Excl. VAT	Line Amount Excl. VAT	Line Discount
Item	S1	Seat SIZE XXL	BLUE	33	PCS	12,00	396,00	

Item Information

- Item Card
- Availability (-26)
- Substitutions (0)
- Sales Prices (0)
- Sales Line D...

RQ Worksheet

Calculate Plan - Req. Wksh.

Item Options

Field	Filter
No.	S1
Search Description	
Location Filter	BLUE

OK Cancel Help

Calculate Plan - Req. Wksh.

Item Options

Starting Date 01.01.01

Ending Date 31.12.14

Use Forecast 2012

Exclude Forecast Before .

OK Cancel Help

Name DEFAULT

Type	No.	Action Message	Accept Action Message	Description	Location Code	Original Quantity	Quantity	Unit of Measure Code	Direct Unit Cost	Original Due Date	Due Date
Item	S1	Resched. & Chg. Qty.	✓	Seat_SIZE_XXL	BLUE	12	38	PCS	0,00	05.12.14	07.12.14

Inventory=10, Sales Order total = 48=15 (SO1) + 33 (SO2), Purchase Order =12
Suggested quantity = 48 – 10=38

Calculate Plan...

Drop Shipment

Special Order

Carry Out Action Message...

Reserve

Order Tracking



Calculations

- System rewritten current Purchase Order from Current Qty=12 and Reservation Quantity=5 to the new document where Qty=38 and Reservation Quantity=5 in order to block (reserve) items for SO1 as it was created before.
- $38 \text{ on a new PO} + 10 \text{ (inventory)} - 15 \text{ (SO1)} = 33$, which was suggested in order to cover fully SO2 (33 items ordered)



See next slide

New Purchase Order

General		Invoicing	Shipping	Foreign Trade	E-Commerce	Prepayment
No.	106043					
Buy-from Vendor No. . .	10000					
Buy-from Contact No. . .	CT000066					
Buy-from Vendor Name .	London Postmaster					
Buy-from Address . . .	10 North Lake Avenue					
Buy-from Address 2 . .						
Buy-from Post Code/City	N12 5XY	London				
Buy-from Contact . . .	Mrs. Carol Philips					
No. of Archived Versions.	0					
Posting Date	03.12.14					
Order Date	03.12.14					
Document Date	03.12.14					
Quote No.						
Vendor Order No. . . .						
Vendor Shipment No. .						
Vendor Invoice No. . . .	2					
Order Address Code. . .						
Purchaser Code	RL					
Responsibility Center . .	LONDON					
Assigned User ID						
Status	Open					

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measure ...	Direct Unit Cost Excl. VAT	Line Amount Excl. VAT	Line Disco...	Qty. to Receive
Item	S1	Seat_SIZE_XXL	BLUE	38		5 PCS	8,00	304,00		38

Order tracking

- From PO->button function you will get to Order tracking functionality and...

Calculate Invoice Discount
Explode BOM
Insert Ext. Texts
Get Std. Vend. Purchase Codes...
Reserve...
Order Tracking
Copy Document...
Archive Document
Move Negative Lines...

General						
Item No.	S1	Quantity	38			
Starting Date	07.12.14	Untracked Quantity . . .	33			
Ending Date.	07.12.14					
Name	Supplied by	Starting ...	Ending Date	Quantity	Item No.	
► Sales Order 1031	CURRENT LINE	07.12.14	07.12.14	5	S1	

Purchase
Order

S1 38 5

Functions ▼

Calculate Invoice Discount
Explode BOM
Insert Ext. Texts
Get Std. Vend. Purchase Codes...
Reserve...
Order Tracking

See next slide

Reservation from PO

Order 106043 S1 - Reservation

General Filters

Item No. S1 Quantity to Reserve. . . 38

Shipment Date 07.12.14 Reserved Quantity . . . 5

Description Unreserved Quantity . . 33

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
► Sales Line, Order	48	15		33	-5

Line Functions Help

- Auto Reserve
- Reserve from Current Line
- Cancel Reservation from Current Line

Reservation from PO

Order106043 S1 - Reservation

General Filters

Item No. S1 Quantity to Reserve. . . 38

Shipment Date 07.12.14 Reserved Quantity . . 38

Description Unreserved Quantity . . 0

Summary Type	Total Quantity	Total Reserved Quantity	Qty. Allocated in Warehouse	Total Available Quantity	Current Reserved Quantity
► Sales Line, Order	48	48			-38

Line Functions Help

Sales Order 2 header

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measu...	Unit Price Excl. VAT	Line Amount Excl. VAT	Line Disco...	Qty. to Ship	Quantity Shipped	Qty. to Invoice
Item	S1	Seat_SIZE_XXL	BLUE	33	33	S	12,00	396,00		33		33

End of the section XXVIII.

