

# Introduction to MS Dynamics

## NAV XIV.

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# Item Charges

- It enables to post and apply additional costs of various types to :
  - stored away items
  - items which were already sold
  - item which were used as a components (part of BOM) of produced products

# Inventory setup

The image shows a screenshot of the SAP Warehouse configuration interface. On the left, a tree view under 'Warehouse' shows the 'Inventory Setup' option selected and highlighted with a red box. A red arrow points from this box to the right-hand pane. The right-hand pane, titled 'Inventory Setup', has the 'General' tab selected. It contains several configuration options, with two highlighted by red boxes: 'Automatic Cost Posting' (checked) and 'Automatic Cost Adjust...' (set to 'Always'). Other visible options include 'Expected Cost Posting...', 'Item No. and Descripti...', 'Average Cost Calc. Type' (set to 'Item'), 'Average Cost Period' (set to 'Month'), and 'Copy Comments Order...' (checked).

Field	Value
Automatic Cost Posting	<input checked="" type="checkbox"/>
Expected Cost Posting...	<input type="checkbox"/>
Item No. and Descripti...	<input type="checkbox"/>
Automatic Cost Adjust...	Always
Average Cost Calc. Type	Item
Average Cost Period	Month
Copy Comments Order...	<input checked="" type="checkbox"/>
Copy Comments Order...	<input checked="" type="checkbox"/>
Outbound Whse. Han...	

# Item Card used in this model

- Find in demo-database Item card with no one entry !!
- Found card must have ZERO in all calculated field such as :
  - Inventory
  - Quantity on Purchase Order
  - Quantity on Sales Order
  - Quantity on component lines
- You have to erase exiting costs and unit price on Tab Invoicing

# Item Card used in this model

80023 27 GB ATA-66 IDE - Item Card

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

No. . . . . 80023

Description . . . . . 27 GB ATA-66 IDE

Base Unit of Measure . . . . . KS

Search Description . . . . . 27 GB ATA-66 IDE

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 . . . . . PEWNYDISK

Blocked . . . . .

Last Date Modified . . . . . 20.12.12

CPM Item Sales Purchases Functions Help

80023 27 GB ATA-66 IDE - Item Card

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

Costing Method . . . . . FIFO

Cost is Adjusted. . . . .

Cost is Posted to G/L . . . . .

Standard Cost . . . . . 480,00

Unit Cost . . . . . 0,00

Overhead Rate . . . . . 0,00

Indirect Cost % . . . . . 0

Last Direct Cost . . . . . 0,00

Price/Profit Calculation . . . . . Profit=Price...

Profit % . . . . . 0

Unit Price . . . . . 0,00

Gen. Prod. Posting Group . . . . . ZBOŽÍ

VAT Prod. Posting Group. . . . . DPH21-ZB

Inventory Posting Group. . . . . ZBOŽÍ

Net Invoiced Qty. . . . . 0

Allow Invoice Disc. . . . .

Item Disc. Group . . . . .

Sales Unit of Measure . . . . . KS

Control of Sales Price . . . . .

CPM Item Sales Purchases Functions Help

NEXT Step is Purchase Order creation->10 Pcs of above specified item. Purchase price=10,0

# Purchase Order

106426 UP Liberec s.p. - Purchase Order

General Invoicing Shipping Foreign Trade E - Commerce Prepayment Application Banking

No. . . . . 106426 [edit] Posting Date . . . . . 16.10.14  
Buy-from Vendor No. . . . . 10000 [up] Order Date . . . . . 16.10.14  
Buy-from Contact No. . . . . KT000066 [up] Document Date . . . . . 16.10.14  
Buy-from Vendor Name . . . . . UP Liberec s.p. Date VAT vendor SK. . . . . 16.10.14  
Buy-from Address . . . . . Masarykova 12 Quote No. . . . . [highlighted]  
Buy-from Address 2 . . . . . VAT Date . . . . . 16.10.14  
Buy-from Post Code/City 697 01 [up] Kyjov [up] Vendor Order No. . . . .  
Buy-from Contact . . . . . Paní Nicholas Christopoulos Vendor Shipment No. . . . .  
No. of Archived Versions. [highlighted] 0 Vendor Invoice No. . . . . PO\_00001  
Posting Desc. Code . . . . . [up] Business Case No.. . . . . [up]  
Posting Description . . . . . Order 106426 Order Address Code. . . . . [up]  
Advance Letter Exists . . . . .  Purchaser Code . . . . . RL [up]  
Assigned User ID . . . . . [up]  
Responsibility Center . . . . . LIBEREC [up]  
Status . . . . . Open

Vendor Information

- Buy-from Vendor [edit]
- Order Addresses (6)
- Contacts (3)
- Purchase History
- Pay-to Vendor

Description	Location ...	Quantity	Reserved...	Unit of M...	Direct Uni...	Line Amount E...	Line ...	Qty. to R...	Quantit
▶ 27 GB ATA-66 IDE		10		KS	10,00	100,00		10	

Item Information

- Item Card [edit]
- Availability (10)
- Purchase Prices (0)
- Purchase Lin... (0)

Order Line Functions Posting Print... Help

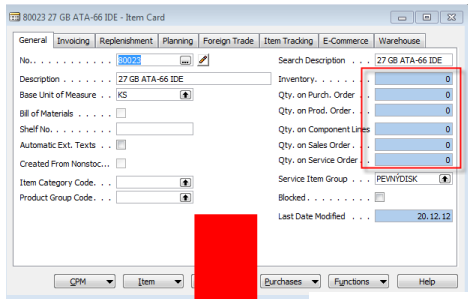
NEXT Step is Purchase Order Posting by use of **F11 !!!**

Microsoft Dynamics NA...

Receive  
 Invoice  
 Receive and Invoice

OK Cancel

# Item and Value entries after PO was posted



Ctrl-F5

Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Location Code	Quantity	Invoiced Quantity	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)	Open	Entry No.
16.10.14	Purchase	Purchase R...	107289	80023			10	10	10	0,00	100,00	0,00	✓	1100

Ctrl-F5

Posting Date	Item Ledger Entry Type	Entry Type	Adjustment	Document Type	Document No.	Item Charge No.	Incl. in Intrastat Amount	Incl. in Intrastat Stat. Value	Sales Amount (Actual)
16.10.14	Purchase	Direct Cost		Purchase Invoice	108414				0,00

Cost Amount (Expected)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)	Cost Posted to G/L	Item Ledger Entry Quantity	Valued Quantity	Invoiced Quantity	Cost per Unit	Cost per Unit (ACY)	Item No.	Gen. Bus. Posting Group	Gen. Prod. Posting Group	S... T... Source No.	External Document No.	Valued By Average Cost	Item Ledger Entry No.	Capacity Ledger Entry No.	Entry No.
0,00	100,00	0,00	100,00	10	10	10	10,00	0,00	80023	TUZEMSKO	ZBOŽÍ	V..	10000 PO_00001		1100	0	1796

# Value Entry explanation

- This window shows all amounts relating to an item
- Every time you post an order, invoice or credit memo as invoiced, revalue an item or do anything else that means a change in value for items in your inventory, the program creates one or more value entries.
- Changes in quantity on inventory are stored as quantity postings in the **Item Ledger Entry** table.
- When the inventory is reconciled with the general ledger, G/L entries are created on the basis of **Value entries**. The amount to be posted to general ledger is calculated from the value entry as:

**Cost Amount (Actual)- Cost Posted to G/L.**



# Inventory Valuation

**Financial Management**

- [-] Bank Management
- [-] Cash Management
- [-] Receivables
- [-] Payables
- [-] Fixed Assets
- [-] Inventory
  - [-] Costing
  - [-] Analysis & Reporting
  - [-] Reports
    - [-] **Inventory Valuation**
    - [-] Inventory Valuation - WIP



Item: No.: 80023

No.	Description	Bill of Ma	UoM	As of 31.12.00		Increases (LCY)		Decreases (LCY)		As of 16.10.14		Cost is Posted to G/L	
				Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value		
Inventory Posting Group: ZBOŽi													
	80023 27 GB ATA-66 IDE	No	KS	0	0,00	10	100,00			10	100,00	100,00	
Inventory Posting Group Total: ZBOŽi						0,00		100,00		0,00		100,00	100,00
<b>Total</b>						0,00		100,00		0,00		100,00	100,00

# General Ledger Entries

Posting Date	VAT Date	D... Document T... No.	External Document No.	G/L Account No.	Description	G... G... G... P... P... P... T... G... G...	Debit Amount	Credit Amount	Amount	Applied Amount	Closed
16.10.14	16.10.14	108414	PO_00001	132100	Direct Cost 10000 on 16.10.14		100,00		100,00	0,00	
▶ 16.10.14	16.10.14	108414	PO_00001	131100	Direct Cost 10000 on 16.10.14			100,00	-100,00	0,00	

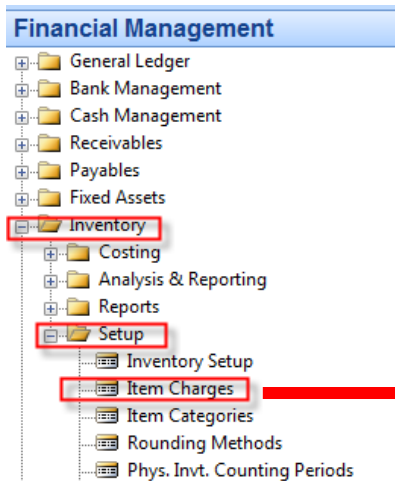
AND

Posting D...	VAT Date	D... Documen...	External ...	G/L Acco...	Description	G... G... G... P... T... Z...	Debit Amount	Credit Amount	Amount	Applied Amount	Closed	B... Bal. Acco...	Entry No.
16.10.14	16.10.14	I... 108414	PO_00001	131100	Order 106426		100,00		100,00	0,00		G..	12255
16.10.14	16.10.14	I... 108414	PO_00001	343120	Order 106426		21,00		21,00	0,00		G..	12256
16.10.14	16.10.14	I... 108414	PO_00001	321100	Order 106426			121,00	-121,00	0,00		G..	12257

# Item card after PO was posted

General	Invoicing	Replenishment	Planning	Foreign Trade	Item Tracking	E-Commerce	Warehouse
Costing Method . . . . .	FIFO				Gen. Prod. Posting Group	ZBOŽÍ	↑
Cost is Adjusted. . . . .	<input checked="" type="checkbox"/>				VAT Prod. Posting Group.	DPH21-ZB	↑
Cost is Posted to G/L . . .	<input checked="" type="checkbox"/>				Inventory Posting Group.	ZBOŽÍ	↑
Standard Cost . . . . .	480,00				Net Invoiced Qty. . . . .	10	
Unit Cost . . . . .	10,00				Allow Invoice Disc. . . . .	<input checked="" type="checkbox"/>	
Overhead Rate . . . . .	0,00				Item Disc. Group . . . . .		↑
Indirect Cost % . . . . .	0				Sales Unit of Measure . .	KS	↑
Last Direct Cost. . . . .	10,00				Control of Sales Price . .	<input type="checkbox"/>	
Price/Profit Calculation. .	Profit=Price-...						
Profit % . . . . .	0						
Unit Price . . . . .	0,00						

# Charge Items parameters (CZ data in database were used)



No.	Description	Gen. Prod. Posting Group	VAT Prod. Posting Group
DOPR_ČR	Doprava po ČR	ZBOŽÍ	DPH20-ZB
DOPR-MAT	VPN - doprava materiálu	DOPRAVA	DPH21-ZB
DOPR-ZBO	VPN - doprava zboží	ZBOŽÍ	DPH21-ZB
JB-PŘEPRAVA	Poplatek za přepravu (JB-přeprava)	SLUŽBY	DPH21-ZB
N-PŘEPRAVA	Poplatek, různá přepr. (nák.)	SLUŽBY	DPH21-ZB
N-PŘÍSPĚVEK	Příspěvek na nákup	SLUŽBY	DPH21-ZB
N-ZNZASKL	Nové zaskladnění nákupu	SLUŽBY	DPH21-ZB
OCEN-MAT	Dodatečné ocenění materiálu	MATERIÁL	DPH21-ZB
OCEN-VYR	Dodatečné ocenění výrobků	VÝROBKY	DPH21-ZB
OCEN-ZBO	Dodatečné ocenění zboží	ZBOŽÍ	DPH21-ZB
P-PŘEPRAVA	Poplatek, různá přepr. (prodej)	SLUŽBY	DPH21-ZB
P-PŘÍSPĚVEK	Příspěvek na prodej	SLUŽBY	DPH21-ZB
P-ZNZASKL	Nové zaskladnění prodeje	SLUŽBY	DPH21-ZB

# Purchase Order – transport costs

106427 TON s.r.o. - Purchase Order

General Invoicing Shipping Foreign Trade E - Commerce Prepayment Application Banking

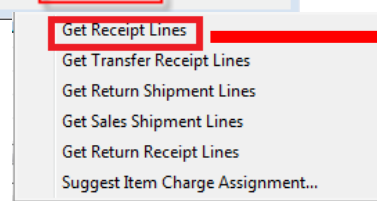
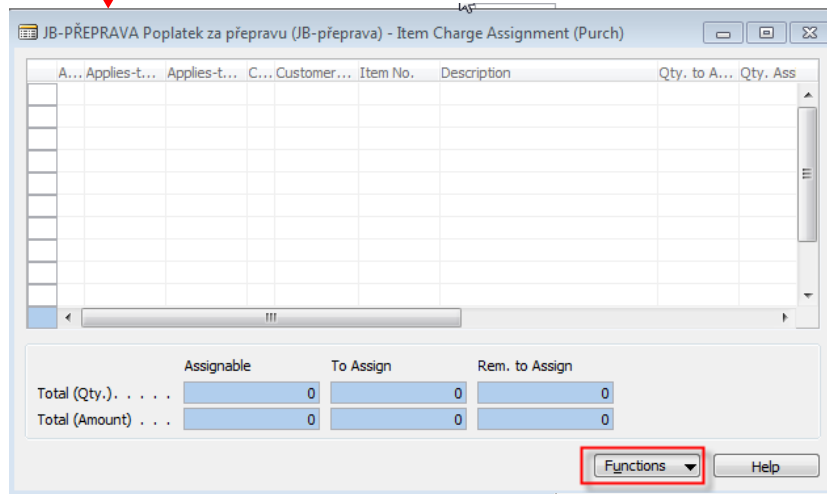
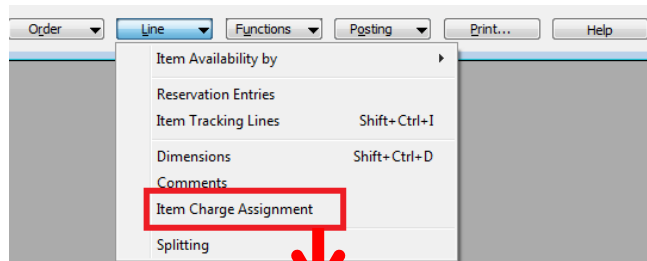
No. . . . . 106427 Posting Date . . . . . 16.10.14  
 Buy-from Vendor No. . . . . 20000 Order Date . . . . . 16.10.14  
 Buy-from Contact No. . . . . KT000067 Document Date . . . . . 16.10.14  
 Buy-from Vendor Name . . . . . TON s.r.o. Date VAT vendor SK. . . . . 16.10.14  
 Buy-from Address . . . . . Krajinská 125 Quote No. . . . .  
 Buy-from Address 2 . . . . . VAT Date . . . . . 16.10.14  
 Buy-from Post Code/City 696 42 Vracov Vendor Order No. . . . .  
 Buy-from Contact . . . . . Pan Pavel Czernek Vendor Shipment No. . . . .  
 No. of Archived Versions. 0 Vendor Invoice No. . . . . PO\_0002  
 Posting Desc. Code . . . . . Order Address Code. . . . .  
 Posting Description . . . . . Order 106427 Purchaser Code . . . . . RL  
 Advance Letter Exists . . . . . Assigned User ID . . . . .  
 Responsibility Center . . . . . LIBEREC  
 Status . . . . . Open

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measure ...	Direct Unit Cost Exd...	Line Amount Excl. VAT	Line Disco...	Qty. to Receive	Quantity Received	Qty. to Invoice	Quantity Invoiced	Qty. t Assign
▶ Charge (Item)	JB-PŘEP...	Poplatek za přepravu (JB-přep...		100		KMA	10,00	1.000,00		100			100	

Order Line Functions Posting Print... Help

# Item Charge Assignment

## Lower part of Purchase Order



# Item Charge Assignment

Purch. Receipt Lines

Document No.	Buy-from Vendor No.	T... No.	Description	Location Code	Quantity	Unit of Measure
	20300190	I...	1110 Ráfek	ČERVENÝ	1 500,21	Piece
<b>107235</b>	D00300	I... 2008-S	Džus Hello		100	litr
	D00300	I... 2004-S	Fanta		10	litr
<b>107241</b>	D00420	I... 70109	Unicol	ČERVENÝ	50	litr
<b>107242</b>	D00430	I... 70108	Balakryl	ČERVENÝ	4	kus
<b>107243</b>	D00440	I... 70085	dřevo	ČERVENÝ	50	kus
<b>107244</b>	D00430	I... 70108	Balakryl	ČERVENÝ	6	kus
<b>107245</b>	D00440	I... 70085	dřevo	ČERVENÝ	50	kus
<b>107246</b>	D00420	I... 70109	Unicol	ČERVENÝ	50	litr
<b>107247</b>	D001P	I... PAL1	PAL1 VSTUPNÍ TEST	MODRÝ	10	kus
	D001P	I... PAL2	PAL2 TEST2	MODRÝ	20	kus
<b>107248</b>	20000	I... 70090	Montáž kol		1	kus
<b>107249</b>	10000	I... 70091		MODRÝ	1	kus
<b>107252</b>	D00480	I... 1000	Bicykl	ČERVENÝ	2	kus
<b>107253</b>	D00370	I... 1000	Bicykl	ČERVENÝ	10	kus
<b>107254</b>	D00370	I... 1000	Bicykl	ČERVENÝ	10	kus
<b>107259</b>	D00370	I... 1000	Bicykl	ČERVENÝ	10	kus
<b>107260</b>	D00370	I... 1170	Duše	ČERVENÝ	8	kus
<b>107261</b>	D00370	I... 1170	Duše	ČERVENÝ	2	kus
<b>107269</b>	D00490	I... 887	Židle 887 lakovaná	MATERIAL	10	kus
	D00490	I... 1964-S	Židle pro hosty TOKIO, modrá	MATERIAL	10	kus
<b>107285</b>	30000	I... 1100	Přední kolo	ČERVENÝ	1	kus
	30000	I... 1110	Ráfek	ČERVENÝ	1	kus
	30000	I... 1170	Duše	ČERVENÝ	2	kus
<b>107286</b>	40000	I... 70000	Boční deska	ČERVENÝ	50	kus
<b>107288</b>	MP 1030	I... 70092	Kabel - 5mm Cu	MODRÝ	100	kilogram
<b>107289</b>	10000	I... 80023	27 GB ATA-66 IDE		10	kus

OK Cancel Line Help

# Item Charge Assignment

JB-PŘEPRAVA Poplatek za přepravu (JB-přeprava) - Item Charge Assignment (Purchase)

Applies-to Doc. Type	Applies-to Doc. No.	Applies-to Doc. Line No.	Custom... Type	Customer... No.	Item No.	Description	Qty. to Assign	Qty. Assigned	Amount to Assign	Qty. to Receive (Base)	Qty. Received (Base)	Qty. to Ship S (Base)
Receipt	107289	10000	Vendor	10000	80023	27 GB ATA-66 IDE			0,00		10	

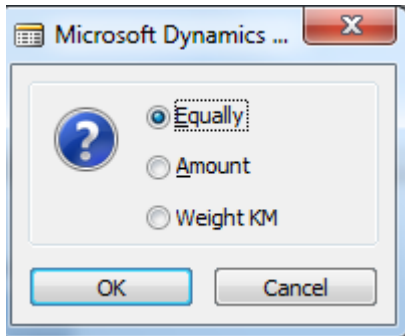
	Assignable	To Assign	Rem. to Assign
Total (Qty.) . . . .	100	0	100
Total (Amount) . . .	1 000	0	1 000

Functions Help

- Get Receipt Lines
- Get Transfer Receipt Lines
- Get Return Shipment Lines
- Get Sales Shipment Lines
- Get Return Receipt Lines
- Suggest Item Charge Assignment...



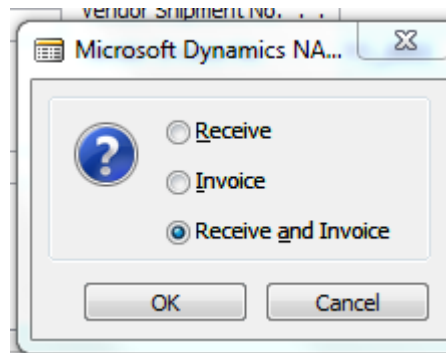
# Item Charge Assignment



Weight KM option is not standard but customized assignment rule !!!



**OK → ESC → Purchase Order**



**→ OK**

# Item Card after PO for transport was posted

80023 27 GB ATA-66 IDE - Item Card

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

Costing Method . . . . .	FIFO	Gen. Prod. Posting Group	ZBOŽÍ
Cost is Adjusted. . . . .	<input checked="" type="checkbox"/>	VAT Prod. Posting Group.	DPH21-ZB
Cost is Posted to G/L . . .	<input checked="" type="checkbox"/>	Inventory Posting Group.	ZBOŽÍ
Standard Cost . . . . .	480,00	Net Invoiced Qty. . . . .	10
Unit Cost . . . . .	110,00	Allow Invoice Disc. . . . .	<input checked="" type="checkbox"/>
Overhead Rate . . . . .	0,00	Item Disc. Group . . . . .	
Indirect Cost % . . . . .	0	Sales Unit of Measure . . .	KS
Last Direct Cost . . . . .	10,00	Control of Sales Price . . .	<input type="checkbox"/>
Price/Profit Calculation. .	Profit=Price-...		
Profit % . . . . .	0		
Unit Price . . . . .	0,00		

CPM Item Sales Purchases Functions Help

80023 27 GB ATA-66 IDE - Average Cost Calc. Overview

E... Type	Valuation ...	Item No.	Unit Cost	Cost is Ad...	E... Quantity	Cost Amount ...	Cost Amount ...
▶ Closing Entry	16.10.14	80023	110,00	✓	10	0,00	1 100,00
Increase	16.10.14	80023	110,00		P.. 10	0,00	1 100,00

# Inventory Valuation

**Inventory Valuation**  
NAVERTIGA Cronus CZ s.r.o.

16. October 2014

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jskorkovsky

Item: No.: 80023

No.	Description	Bill of Ma	UoM	As of 31.12.00		Increases (LCY)		Decreases (LCY)		As of 16.10.14		Cost is Posted to G/L
				Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
<b>Inventory Posting Group: ZBOŽÍ</b>												
	80023 27 GB ATA-66 IDE	No	KS	0	0,00	10	1 100,00			10	1 100,00	1 100,00
<b>Inventory Posting Group Total: ZBOŽÍ</b>						<b>0,00</b>		<b>1 100,00</b>		<b>0,00</b>		<b>1 100,00</b>
<b>Total</b>						<b>0,00</b>		<b>1 100,00</b>		<b>0,00</b>		<b>1 100,00</b>

# Item Ledger Entries and Value Entries

Item Ledger Entry													
Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Location Code	Quantity	Invoiced Quantity	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)	Open
16.10.14	Purchase	Purchase R...	107289	80023			10	10	10	0,00	1 100,00	0,00	✓

Value Entry										
Posting Date	Item Ledger Entry Type	Entry Type	Document Type	Document No.	Item Charge No.	Sales Amount (Actual)	Cost Amount (Expected)	Cost Amount (Actual)	Cost Posted to G/L	Cost Posted to G/L (ACY)
16.10.14	Purchase	Direct Cost	Purchase Inv...	108414		0,00	0,00	100,00	100,00	0,00
16.10.14	Purchase	Direct Cost	Purchase Inv...	108415	JB-PŘEPRAVA	0,00	0,00	1 000,00	1 000,00	0,00

Item Ledger Entry Quantity	Valued Quantity	Invoiced Quantity	Cost per Unit	Cost per Unit (ACY)	Item No.	Gen. Bus. Posting Group	Gen. Prod. Posting Group	Source Type	Source No.	External Document No.	Valued By Average Cost	Item Ledger Entry No.	Capacity Ledger Entry No.	Entry No.
10	10	10	10,00	0,00	80023	TUZEMSKO	ZBOŽÍ	Vendor	10000	PO_00001		1100	0	1796
0	10	0	100,00	0,00	80023	TUZEMSKO	SLUŽBY	Vendor	20000	PO_0002		1100	0	1797

# General Ledger Entries

Posting Date	VAT Date	D... Document T... No.	External Document No.	G/L Account No.	Description	G... G... G... B... P... P... P... T... G... G...	Debit Amount	Credit Amount	Amount	Applied Amount	Closed	Bal. Account Type	Bal. Account No.	Entry No.
▶ 16.10.14	16.10.14	108415	PO_0002	132100	Direct Cost 20000 on 16.10.14		1 000,00		1 000,00	0,00		G/L Ac...		12258
16.10.14	16.10.14	108415	PO_0002	511070	Direct Cost 20000 on 16.10.14			1 000,00	-1 000,00	0,00		G/L Ac...		12259

PO-Transport														
Posting Date	VAT Date	D... Document T... No.	External Document No.	G/L Account No.	Description	G... G... G... B... P... P... P... T... G... G...	Debit Amount	Credit Amount	Amount	Applied Amount	Closed	Bal. Account Type	Bal. Account No.	Entry No.
▶ 16.10.14	16.10.14	I... 108415	PO_0002	518230	Order 106427	P.. T.. S..	1 000,00		1 000,00	0,00		G/L Ac...		12260
16.10.14	16.10.14	I... 108415	PO_0002	343120	Order 106427		210,00		210,00	0,00		G/L Ac...		12261
16.10.14	16.10.14	I... 108415	PO_0002	321100	Order 106427			1 210,00	-1 210,00	0,00		G/L Ac...		12262

# End of the section XIV.

