

ACMECO Custom  
5343WW.cnk

Security Setup.....	2
MSF Setup.....	3
PO Receiving Enhancements.....	4
Printing Bar Codes .....	13
Slab Transfer .....	14
Sales Order Processing.....	18
Sales Lot Allocations .....	22
Bar Code Import.....	27
Slab Inquiry.....	37
Slab Inquiry & Sales Transaction Entry.....	40

## **Security Setup**

Navigation: Tools >> Setup >> System >> Security

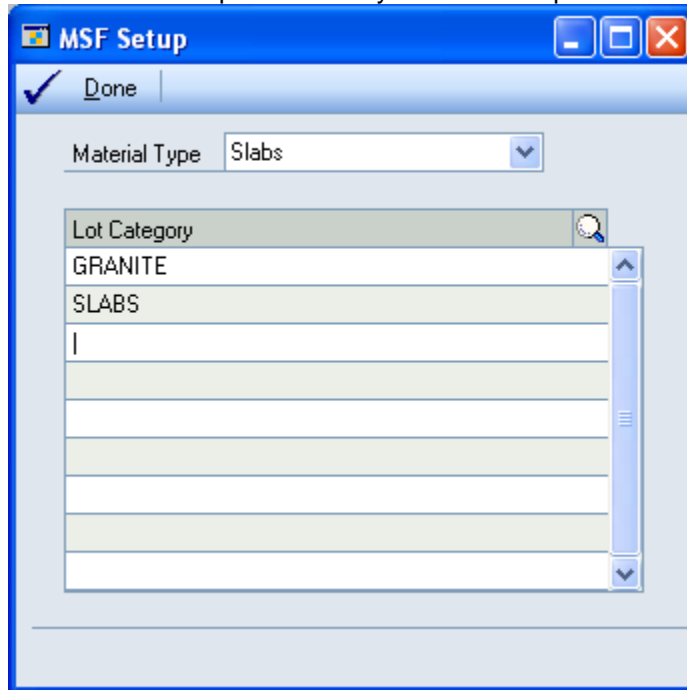
The instructions below use the native Dynamics GP security window; you may use User Class Security, or Advanced Security.

Users need to be granted access to the Alternate Dynamics GP Window provided by ACMECO Custom. The window is Purchasing Lot Number Entry.

## MSF Setup

Material Specific Feature (MSF) Setup allows you to associate a Lot Category with a set of system enhancements. For example, the MSF called “Slabs” enables a set of features that are specific to the handling of slabs.

Navigation: Tools >> Setup >> Inventory >> MSF Setup



Select a Material Type.

In the scrolling window enter one or more Lot Categories.

All items that are (1) Lot Controlled and (2) have the Lot Category shown in this window will be treated as Slabs. This will cause certain features to be enabled.

# PO Receiving Enhancements

ACMECO will track Slabs of granite as a Lot Number, where each Slab has its own Lot Number. The quantity of the Lot is the number of square inches in the slab.

When receiving a PO in Dynamics GP, the system normally requires you to enter the total quantity received before you enter the quantities of each Lot Number. ACMECO receives the Lot quantities before the total quantity received is known.

The objective of this set of customizations is to enable receiving Lot quantities prior to knowing the total quantity, and also to print bar code labels for each slab.

Description	Previously Shipped	Previously Invoiced	Unit Cost	Extended Cost
PO2079	0	0	\$0.00	\$0.00
	0	0	0	0

1099 Amount	\$0.00	Subtotal	\$0.00
Payment Terms		Trade Discount	\$0.00
Landed Cost Func. Total	\$0.00	Freight	\$0.00
		Miscellaneous	\$0.00
		Tax	\$0.00
		Total	\$0.00

The Slab receiving features are only available when using the Receiving Transaction Entry window. It will not work on the Auto-Receive window, or the Receiving Item Detail Entry window.

Enter the PO Number to receive. Then select the Item Number being received:

Line	Item	Vendor Item	Unit Cost	U of M	Quantity Ordered
1	GRANITE002	GRANITE002	SQFT		300.00

**Receivings Transaction Entry**

Save Delete Void Post Auto-Rcv Reports

Type: Shipment Vendor ID: ACETRAVE0001  
 Receipt No.: RCT1173 Vendor Name: A Travel Company  
 Vendor Doc. No.: Date: 4/12/2007 Currency ID: Z-US\$  
 Batch ID: TEST

PO Number	Item	Qty Shipped	Unit Cost
U of M	Site ID	Quantity Ordered	Quantity Invoiced
Description		Previously Shipped	Previously Invoiced
PO2079	GRANITE002	140.00	\$10.00
SGFT	WAREHOUSE	300.00	0.00
	Granite 2		140.00
			0.00

1099 Amount: \$0.00 Subtotal: \$0.00  
 Payment Terms: Trade Discount: \$0.00  
 Landed Cost Func. Total: \$0.00 Freight: \$0.00  
 Miscellaneous: \$0.00  
 Tax: \$0.00  
 Total: \$0.00

Tax Schedule ID: Landed Cost Distributions User-Defined

Do not change the Qty Shipped. Just press tab to move out of the field. The Purchasing Lot Number Entry window will open. You can also open Purchasing Lot Number Entry manually by clicking the Expansion Button (blue arrow) just to the right of Qty Shipped.

**Purchasing Lot Number Entry**

Item: GRANITE002 Description: Granite 2 Slabs: Slabs  
 Site ID: WAREHOUSE

Receipt: 1173 Lot Number: 1173-0001-1-01  
 Block: 0001  
 Bundle: 1  
 Slab: 01

Length: 140.00 in  
 Width: 0.00 in  
 Quality:

Lot Numbers Selected	Bin	Quantity Selected
Total Quantity Selected		0.00

Buttons: Insert >> Remove Remove All OK

**NOTE: The code assumes that the Base Unit Of Measure for Slabs in INCH. It will convert the Dimensions to Square Inches. The Base Unit must be Inches, or the quantity calculations will be incorrect and cause severe problems with the receiving transaction.**

The screenshot shows the 'Purchasing Lot Number Entry' window. The top section contains fields for Item (GRANITE002), Description (Granite 2), and Site ID (WAREHOUSE). Below this is a table with four rows: Receipt (1173), Block (0001), Bundle (1), and Slab (01). To the right of this table is the Lot Number field (1173-0001-1-01) and radio buttons for 'inch' (selected) and 'centimeter'. Below these are fields for Length (0.00 in), Width (0.00 in), and Quality. At the bottom, there is a table for 'Lot Numbers Selected', 'Bin', and 'Quantity Selected', with a 'Total Quantity Selected' of 0.00. Buttons for 'Insert >>', 'Remove', and 'Remove All' are on the left, and an 'OK' button is at the bottom right.

The highlighted section is the four elements that are used to auto-generate the Lot Number. When the INSERT button is clicked, the Slab will automatically increment from 01 to 02. If Bundle or Block is changed the Slab will reset to 01.

This screenshot is similar to the first one, but the red highlight is now on the 'inch' radio button (which is selected), the 'centimeter' radio button, and the Length (0.00 in), Width (0.00 in), and Quality fields. The rest of the form, including the Receipt, Block, Bundle, Slab table and the Lot Number field, remains the same.

In the dimensions section, select to enter the dimensions in Inches or Centimeters. The Base Unit of Measure for Slabs must be Inches. As dimensions are entered the system will automatically calculate the square inches.

Purchasing Lot Number Entry

Item: GRANITE002  
 Description: Granite 2  
 Site ID: WAREHOUSE

Receipt: 1173  
 Block: 0001  
 Bundle: 1  
 Slab: 01

Lot Number: 1173-0001-1-01

inch  centimeter  
 Length: 10.00 in  
 Width: 20.00 in  
 Quality: good

Lot Numbers Selected	Bin	Quantity Selected
Total Quantity Selected		0.00

Buttons: Insert >>, Remove, Remove All, OK

Enter dimensions and Quality, then click Insert. Note: the tab sequence is as follows:

- Length
- Width
- Quality
- Insert Button

If you tab between fields you can tab out of the Quality field to reach Insert, then press the Space Bar to “press” the Insert button. This will add the Slab to the selected list, increment the Slab number, and place focus back into the Length field. In this way you can quickly enter a large number of Slabs without using the mouse.

Purchasing Lot Number Entry

Item: GRANITE002  
 Description: Granite 2  
 Site ID: WAREHOUSE

Receipt: 1173  
 Block: 0001  
 Bundle: 1  
 Slab: 02

Lot Number: 1173-0001-1-02

inch  centimeter  
 Length: 10.00 in  
 Width: 20.00 in  
 Quality: good

Lot Numbers Selected	Bin	Quantity Selected
1173-0001-1-01		200.00
Total Quantity Selected		200.00

Buttons: Insert >>, Remove, Remove All, OK

Select the Lot Number and click the Expansion button to view the Lot Attributes:

Continue entering Slabs until all Slabs have been recorded. If you change the Block or Bundle numbers, the Slab count will automatically reset to "01". The Block, Bundle and Slab fields are controlled to be 4, 1 and 2 characters, respectively. If you change the Block from "0001" to "2" the system will automatically fill in the zeros and replace "2" with "0002".

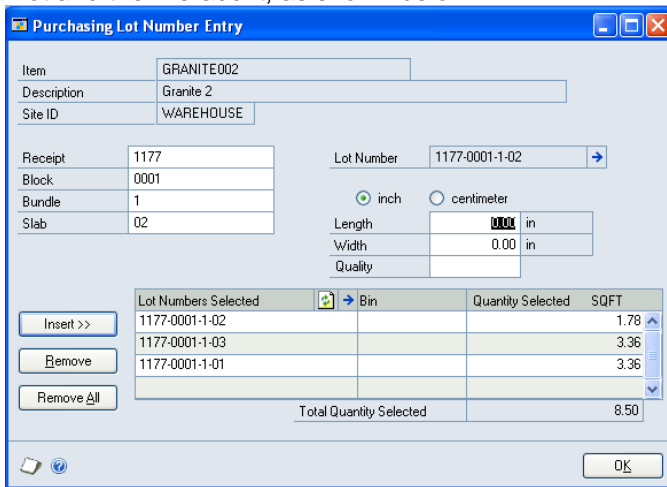
Lot Numbers Selected	Bin	Quantity Selected
1174-0001-1-01		200.00
1174-0001-1-02		110.00
Total Quantity Selected		310.00

Click OK. The Total Quantity field (310.00) will be returned to the Receiving Transaction Entry window.

Description	Previously Shipped	Previously Invoiced	Unit Cost	Extended Cost
PD2079 GRANITE002	310.00	0.00	\$10.00	\$1,600.00
SQFT WAREHOUSE	300.00	0.00		
Granite 2	450.00	0.00		



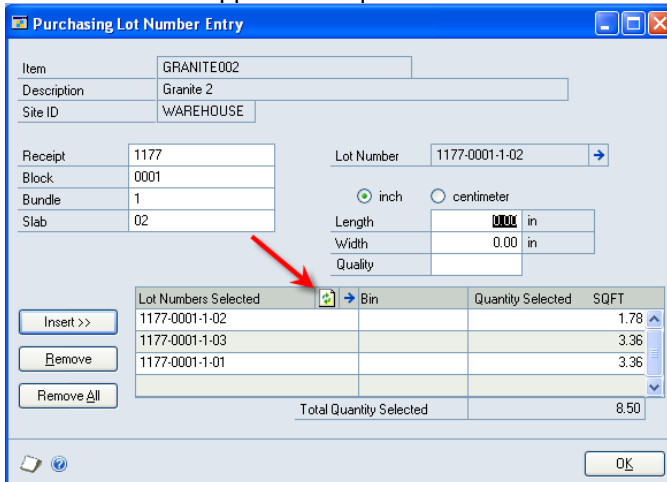
**Change:** during testing ACMECO discovered that the Lots can get out of sequence if you delete a Lot and then re-add it, as shown below.



The screenshot shows the 'Purchasing Lot Number Entry' window. It contains several input fields for item details (Item: GRANITE002, Description: Granite 2, Site ID: WAREHOUSE) and lot-specific information (Receipt: 1177, Block: 0001, Bundle: 1, Slab: 02, Lot Number: 1177-0001-1-02). There are also fields for unit selection (inch selected), length (0.00 in), width (0.00 in), and quality. At the bottom, a table lists selected lot numbers and their quantities.

Lot Numbers Selected	Quantity Selected	SQFT
1177-0001-1-02		1.78
1177-0001-1-03		3.36
1177-0001-1-01		3.36
Total Quantity Selected		8.50

They needed the Lots to appear in sequence.



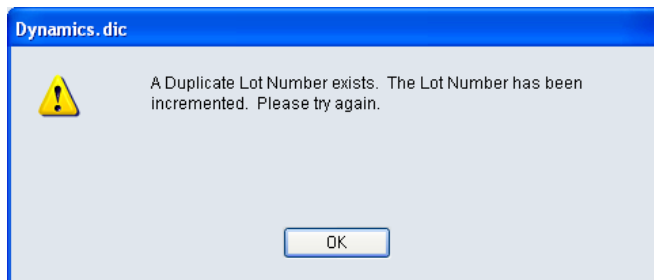
This screenshot is identical to the one above, but with a red arrow pointing to a small icon in the table header, which is the 'RESORT' button. The table data remains the same.

Lot Numbers Selected	Quantity Selected	SQFT
1177-0001-1-02		1.78
1177-0001-1-03		3.36
1177-0001-1-01		3.36
Total Quantity Selected		8.50

The RESORT button was added. This can be clicked to resort the Lots in order by Lot Number. This is renumbering the Serial/Lot Sequence Number field in POP10330.

**CHANGE**

Quality field always defaults to "1".  
 Scrolling window was expanded to show more lines.



INSERT button now checks for duplicate lots. If a duplicate exists, the Lot Number is incremented to the next Lot Number in sequence.

After selecting Lots the focus used to return to the Qty Shipped field. The user had to press TAB several times before reaching the next line. The focus is now placed in the Item Description/Vendor Description field. One TAB will move user to new line.

## Auto-Add Slabs

The screenshot shows the 'Purchasing Lot Number Entry' window with the following fields and values:

- Vendor Item: GRANIT001
- Vendor Description: Granite001
- Site ID: WAREHOUSE
- Receipt: 1163
- Block: 0001
- Bundle: 1
- Slab: 04
- Lot Number: 1163-0001-1-04
- Length: 30.00 in
- Width: 30.00 in
- Quality: 1
- Qty Slabs: 3 (indicated by a red arrow)

The table below shows the 'Lot Numbers Selected' column with 3 empty rows, and the 'Total Quantity Selected' is 0.00.

Lot Numbers Selected	Bin	Quantity Selected	SQFT
Total Quantity Selected			0.00

The Qty Slabs field will default to 1. Normally just tab through this field to the INSERT button and hit the space bar to “press” the Insert button. However, if you need to add several slabs that have the same Dimensions and Quality, change the Qty Slabs before clicking INSERT. As shown above, the system will automatically generate 3 new Slabs:

The screenshot shows the 'Purchasing Lot Number Entry' window with the following fields and values:

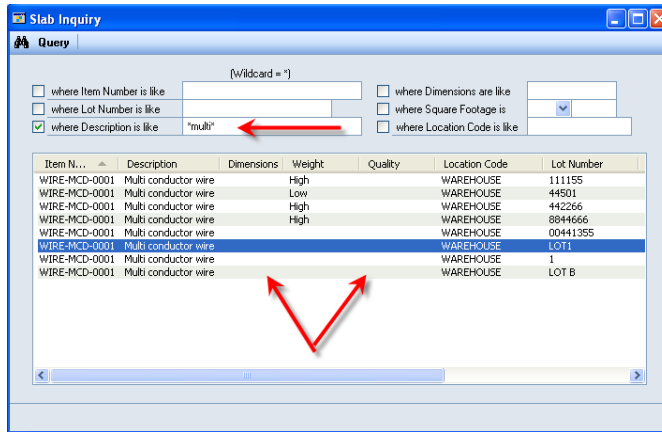
- Vendor Item: GRANIT001
- Vendor Description: Granite001
- Site ID: WAREHOUSE
- Receipt: 1163
- Block: 0001
- Bundle: 1
- Slab: 07
- Lot Number: 1163-0001-1-07
- Length: 30.00 in
- Width: 0.00 in
- Quality: 1
- Qty Slabs: 1

The table below shows the 'Lot Numbers Selected' column with 3 rows of lot numbers, and the 'Total Quantity Selected' is 18.75.

Lot Numbers Selected	Bin	Quantity Selected	SQFT
1163-0001-1-04			6.25
1163-0001-1-05			6.25
1163-0001-1-06			6.25
Total Quantity Selected			18.75

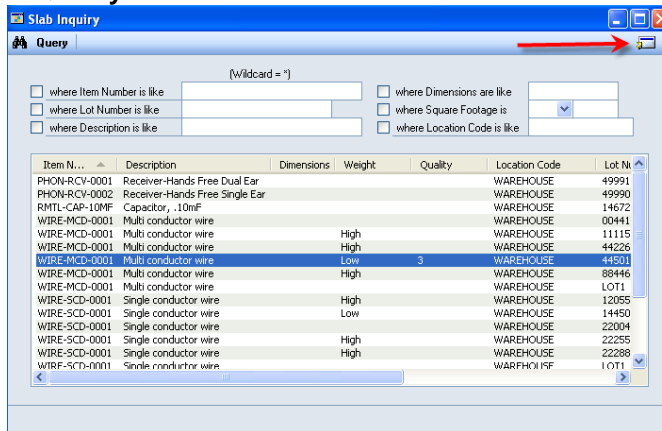
The results of auto-adding 3 lots is shown above.

## Slab Inquiry:

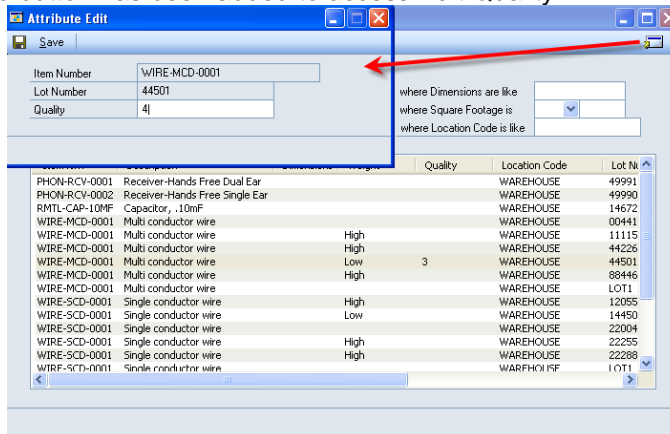


Added Item Description to the list view, and as a Search field. Also rearranged display to put Dimensions Column and Quality closer to Item Number—they were off to the right on the first release, requiring user to scroll to the right to view the columns.

### Edit Slab Quality



A GoTo button has been added to access Edit Quality.



Enter the new Quality and click SAVE.

# Printing Bar Codes

Bar Codes can be printed for all received Lot Numbers on a PO.

The screenshot shows the 'Receivings Transaction Entry' window. The 'Type' is 'Shipment', 'Receipt No.' is 'RCT1174', and 'Date' is '4/21/2007'. The 'Vendor ID' is 'ACETRAVE0001' and 'Name' is 'A Travel Company'. The 'Currency ID' is 'Z-US\$'. The 'Batch ID' is 'RECEIVING ENTRY'. The 'PO Number' is 'PO2079' and the 'Item' is 'GRANITE002'. The 'U of M' is 'WAREHOUSE'. The 'Quantity Ordered' is '300.00', 'Quantity Invoiced' is '0.00', and 'Quantity Shipped' is '0.00'. The 'Unit Cost' is '\$10.00' and the 'Extended Cost' is '\$3,100.00'. The 'Description' is 'Granite 2'. The 'Previously Shipped' is '0.00' and 'Previously Invoiced' is '0.00'. The '1099 Amount' is '\$0.00'. The 'Payment Terms' are 'Net 30'. The 'Landed Cost Func. Total' is '\$0.00'. The 'Subtotal' is '\$3,100.00'. The 'Trade Discount' is '\$0.00'. The 'Freight' is '\$0.00'. The 'Miscellaneous' is '\$0.00'. The 'Tax' is '\$0.00'. The 'Total' is '\$3,100.00'. The 'Tax Schedule ID' is blank. The 'Landed Cost', 'Distributions', and 'User-Defined' buttons are visible at the bottom.

Description	Previously Shipped	Previously Invoiced
PO2079 GRANITE002	310.00	\$10.00
SQFT WAREHOUSE	0.00	\$3,100.00
Granite 2	450.00	0.00
WAREHOUSE	0	\$0.00
WAREHOUSE	0	\$0.00
	0	0

1099 Amount	\$0.00	Subtotal	\$3,100.00
Payment Terms		Trade Discount	\$0.00
Landed Cost Func. Total	\$0.00	Freight	\$0.00
		Miscellaneous	\$0.00
		Tax	\$0.00
		Total	\$3,100.00

When you have completed all receiving entries for the Vendor, click Extras >> Additional >> Print Bar Code Labels.

The screenshot shows the 'Screen Output - Receiving Bar Codes' window. The window title is 'Screen Output - Receiving Bar Codes'. The window contains two bar code labels. The first label is for 'GRANITE002 Granite 2 1174-0001-1-01 10x20'. The second label is for 'GRANITE002 Granite 2 1174-0001-1-02 10x11'. The window also has a 'Print' button, a 'Send To' dropdown, a 'Modify' button, a '100%' zoom level, and 'Completed 1 Page' and 'Page 1' indicators.

Label	Item	Lot	Size
GRANITE002 Granite 2 1174-0001-1-01 10x20	GRANITE002	Granite 2	1174-0001-1-01
GRANITE002 Granite 2 1174-0001-1-02 10x11	GRANITE002	Granite 2	1174-0001-1-02

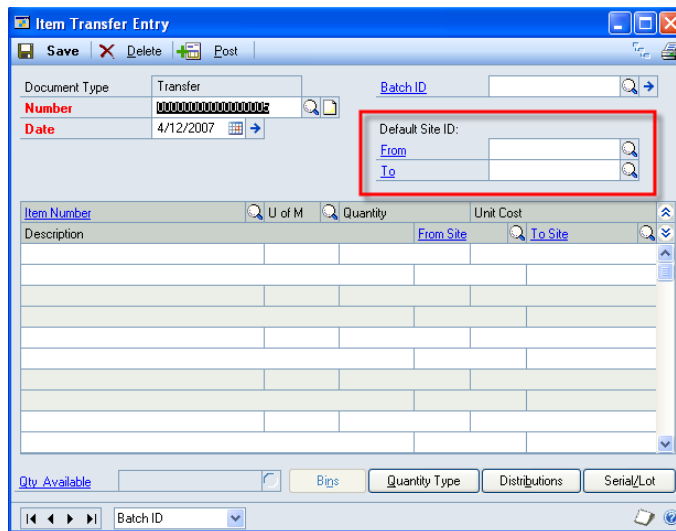
# Slab Transfer

The features described below are specific to the MSF called Slabs (see MSF Setup), with one exception. The Item Transfer Entry will always require From and To Default Sites.

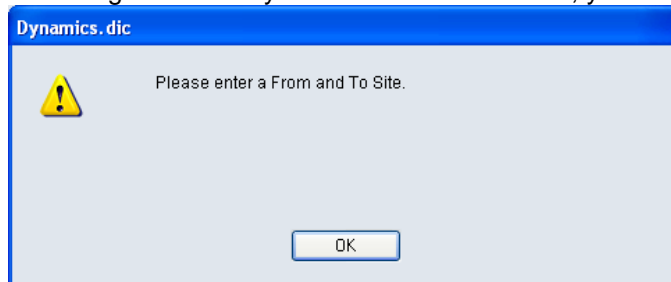
Slab Transfer is a modification to how the Inventory Transfer window functions. Normally you must enter the total quantity to transfer before you can select the Lot Numbers (Slabs) that will be transferred.

Slab Transfer allows you to select Lot Numbers first.

Navigation: Transactions >> Inventory >> Transfer



The modification will require you to select a Default From and To Site before you can enter the scrolling window. If you do not select the sites, you will receive this message:



When you have selected both sites, you can enter the scrolling window:

Item Transfer Entry

Document Type: Transfer  
 Number: 0000000000000005  
 Date: 4/12/2007

Batch ID: [ ]

Default Site ID:  
 From: WAREHOUSE  
 To: SOUTH

Item Number	Description	Quantity	Unit Cost
		0	\$0.00

Qty Available: 0.00  
 Bins: [ ]  
 Quantity Type: [ ]  
 Distributions: [ ]  
 Serial/Lot: [ ]

Enter the Item Number to transfer. When cursor focus moves into the Quantity field the Lot Number selection window will automatically open if the Quantity field is zero.

Item Transfer Lot Number Entry

Item Number: GRANITE002  
 Description: Granite 2

From Site ID: WAREHOUSE  
 From Quantity Type: On Hand  
 To Site ID: SOUTH  
 To Quantity Type: On Hand

Lot Number: [ ]  
 From Bin: [ ]  
 To Bin: [ ]

Sort: Date Received  
 Show All Bins  
 Restrict to Bin

Available	Quantity Available	Quantity Selected	Bin
LOT123	100.00	100.00	
LOT124	100.00	0.00	
LOTA5	325.00	0.00	
LOTB1	325.00	0.00	

Extended Quantity: 0.00  
 Lots Selected: 0.00  
 Base U of M: SQFT  
 Quantity Selected: 0.00  
 Quantity Available: 0.00

Buttons: Insert >>, Remove, Remove All

Note: all quantities are in the item's Base U of M (here it's SQFT).

The scrolling window has been modified so that when you click into the Quantity Selected field it will default to the Quantity Available. The assumption is that the entire slab is being transferred. You can override this quantity by manually typing in a different value.

To view Slab properties, click the Expansion button (blue arrow).

To select the Slab, click the INSERT button.

Available	Quantity Available	Quantity Selected	Bin
LOT124	100.00	0.00	
LOTA5	325.00	0.00	
LOTB1	325.00	0.00	
LOTB2	325.00	0.00	

Selected	Quantity	Bin
LOT123	100.00	

The selected slab will be moved to the bottom scrolling window.

Available	Quantity Available	Quantity Selected	Bin
LOT124	100.00	100.00	
LOTA5	325.00	325.00	
LOTB1	325.00	325.00	
LOTB2	325.00	325.00	

Selected	Quantity	Bin
LOT123	100.00	

If you click into multiple Lot Numbers the Quantity Selected will fill in for each one. However, only the currently selected Lot will be picked when you click Insert. At that time the Quantity Selected window will redisplay and all of the selected quantities will redisplay as zero.

When done selecting Lots to transfer, click OK.



Item Transfer Entry

Save Delete Post

Document Type: Transfer      Batch ID: TRANSFER 1

Number: 0000000000000004

Date: 2/15/2007

Default Site ID: WAREHOUSE

From: WAREHOUSE

To: SOUTH

Item Number	U of M	Quantity	From Site	To Site	Unit Cost
GRANITE002	SQFT	100.00	WAREHOUSE	SOUTH	\$10.00
Granite 2		0.00			\$0.00

Qty Available: 1,640.25      Bins      Quantity Type      Distributions      Serial/Lot

Batch ID

The selected quantity will be returned to the scrolling window.

NOTE for Consultants: all changes in this window are done with triggers. This is not an Alternate Dynamics GP window, you are still using the core Item Transfer Entry window.

# Sales Order Processing

The normal Sales Order Entry process requires that you enter the total quantity sold before the system allows you to select lot numbers to fulfill the quantity.

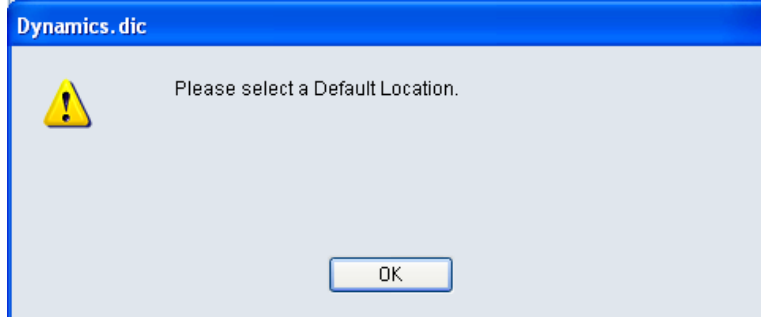
The modifications described below enable the ability to enter/select Lot Numbers (slabs) first.

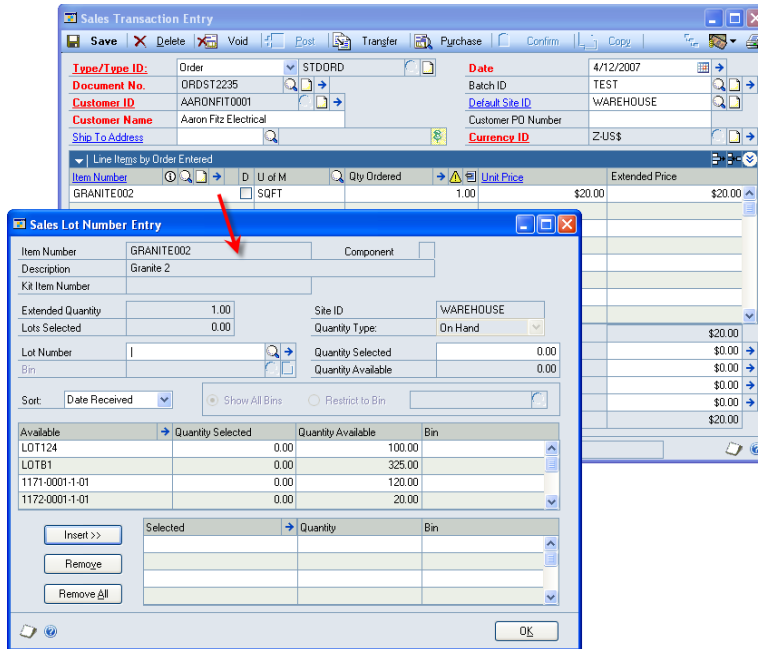
The screenshot shows the 'Sales Transaction Entry' window. The top section contains fields for:  
- **Type/Type ID:** Order (STDORD)  
- **Document No.:** ORDST2235  
- **Customer ID:** AARONFIT0001  
- **Customer Name:** Aaron Fitz Electrical  
- **Date:** 4/12/2007  
- **Batch ID:** TEST  
- **Default Site ID:** (highlighted with a red box)  
- **Customer PO Number:** (highlighted with a red box)  
- **Currency ID:** Z-US\$

Below these fields is a table titled 'Line Items by Order Entered' with columns: Item Number, D, U of M, Qty Ordered, Unit Price, and Extended Price. The table is currently empty.

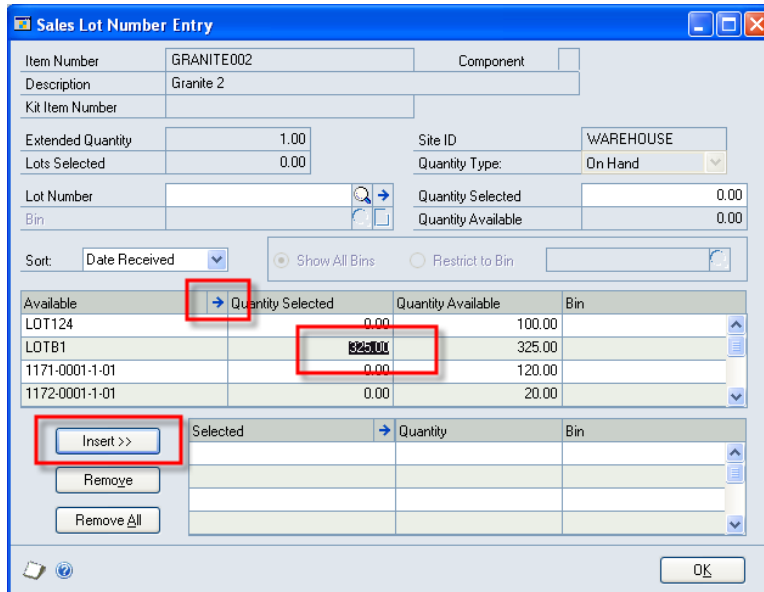
At the bottom, there is a summary section with the following values:  
- **Amount Received:** \$0.00  
- **Terms Discount Taken:** \$0.00  
- **On Account:** \$0.00  
- **Comment ID:** (empty)  
- **Subtotal:** \$0.00  
- **Trade Discount:** \$0.00  
- **Freight:** \$0.00  
- **Miscellaneous:** \$0.00  
- **Tax:** \$0.00  
- **Total:** \$0.00

Enter a Default Site ID. If you do not select a site and attempt to enter the scrolling window, you will receive this message:





After entering an Item Number, the Sales Lot Number Entry window will open automatically.



When you click into the Quantity Selected field the quantity will automatically default to the Quantity Available. If you click into multiple lines before clicking INSERT the window will show many quantities in the Quantity Selected column, but only the currently selected line will be inserted.

View properties of the Slab by clicking the expansion button (blue arrow).

To select the Slab, click INSERT.

**Sales Lot Number Entry**

Item Number: GRANITE002    Component: [ ]  
 Description: Granite 2  
 Kit Item Number: [ ]

Extended Quantity: 325.00    Site ID: WAREHOUSE  
 Lots Selected: 325.00    Quantity Type: On Hand

Lot Number: [ ]    Quantity Selected: 0.00  
 Bin: [ ]    Quantity Available: 0.00

Sort: Date Received    Show All Bins    Restrict to Bin: [ ]

Available	Quantity Selected	Quantity Available	Bin
LOT124	100.00	100.00	
1171-0001-1-01	0.00	120.00	
1172-0001-1-01	0.00	20.00	
LOTA5	0.00	325.00	

Selected: LOTB1    Quantity: 325.00

Buttons: Insert >>, Remove, Remove All, OK

When done selecting Slabs, click OK.

**Sales Transaction Entry**

Save    Delete    Void    Post    Transfer    Purchase    Confirm    Copy

Type/Type ID: Order    STDORD    Date: 4/12/2007  
 Document No: ORDST2235    Batch ID: TEST  
 Customer ID: AARONFIT0001    Default Site ID: WAREHOUSE  
 Customer Name: Aaron Fitz Electrical    Customer PO Number: [ ]  
 Ship To Address: [ ]    Currency ID: Z-US\$

Line Items by Order Entered

Item Number	D	U of M	Qty Ordered	Unit Price	Extended Price
GRANITE002		SQFT		20.00	\$20.00

Amount Received: \$0.00    Subtotal: \$20.00  
 Terms Discount Taken: \$0.00    Trade Discount: \$0.00  
 On Account: \$20.00    Freight: \$0.00  
 Comment ID: [ ]    Miscellaneous: \$0.00  
 Holds    User-Defined    Distributions    Commissions    Tax: \$0.00  
 Total: \$20.00

The total quantity of selected lots (Slabs in Square Feet), will be returned to the Sales Transaction.

If you need to make changes to the selected lots you can either:

- 1) Expand the line and click the Qty Fulfilled Expansion button

**Sales Transaction Entry**

Save    Delete    Void    Post    Transfer    Purchase    Confirm    Copy

Type/Type ID: Order    STDORD    Date: 4/12/2007  
 Document No: ORDST2235    Batch ID: TEST  
 Customer ID: AARONFIT0001    Default Site ID: WAREHOUSE  
 Customer Name: Aaron Fitz Electrical    Customer PO Number: [ ]  
 Ship To Address: [ ]    Currency ID: Z-US\$

Line Items by Order Entered

Item Number	Description	D	U of M	Qty Ordered	Unit Price	Extended Price
GRANITE002	Granite 2		SQFT		20.00	\$20.00

Expanded fields for GRANITE002:

Site ID: WAREHOUSE    Price Level: RETAIL  
 Ship To Address ID: [ ]    Shipping Method: [ ]  
 Quantity Available: 1,614.00

Qty to Invoice: 325.00  
 Qty Fulfilled: 325.00  
 Qty Canceled: 0.00  
 Qty to Back Order: 0.00

Buttons: Previous, Next

2. Or, just change the Quantity field. For example, if you click into Quantity Ordered and change the quantity to ZERO, the Lot Selection window will automatically pop open.

# Sales Lot Allocations

The Sales Lot Allocations window shows Lots (Slabs) that are available in inventory, but are currently allocated to other sales transactions.

Available	Quantity Selected	Quantity Available	Bin
LOT124	0.00	100.00	
1172-0001-1-01	0.00	20.00	
LOTB2	0.00	325.00	
LOT122	0.00	74.75	

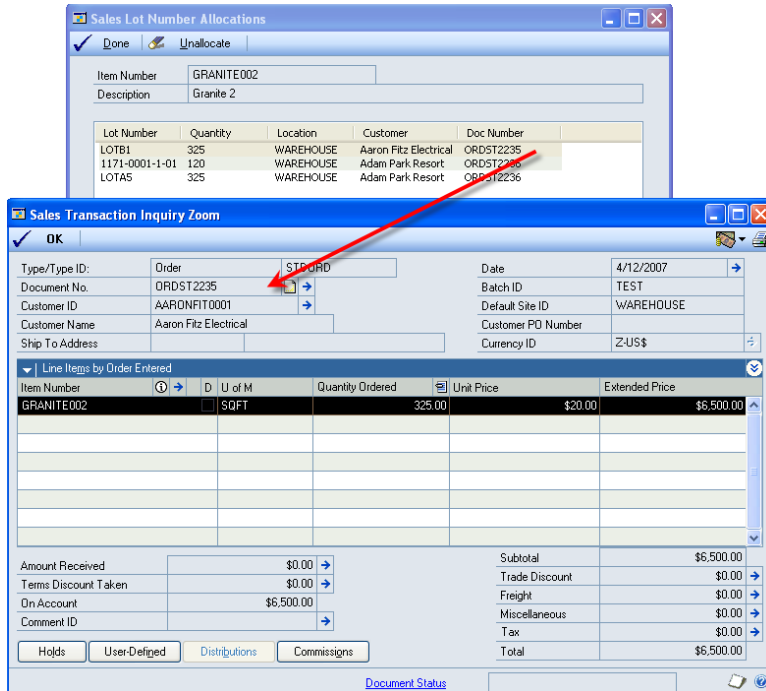
  

Selected	Quantity	Bin
1171-0001-1-01	120.00	
LOTA5	325.00	

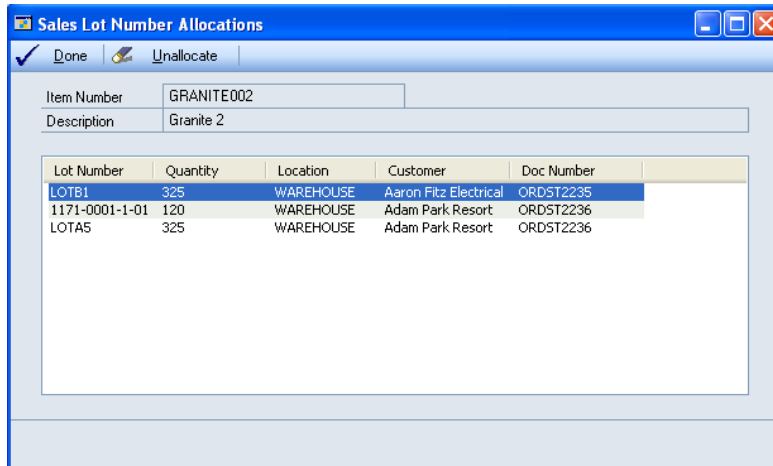
With the Sales Lot Number Entry window open, click Extras >> Additional >> Lot Allocations.

Lot Number	Quantity	Location	Customer	Doc Number
LOTB1	325	WAREHOUSE	Aaron Fitz Electrical	ORDST2235
1171-0001-1-01	120	WAREHOUSE	Adam Park Resort	ORDST2236
LOTA5	325	WAREHOUSE	Adam Park Resort	ORDST2236

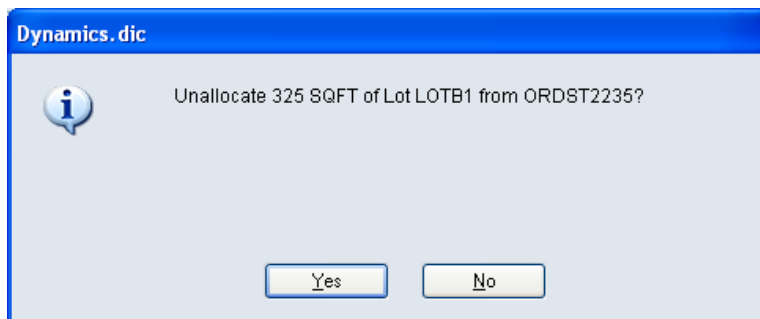
To view the allocating document, double-click it in the scrolling window.



As shown above, the first line in the scrolling window was for ORDST2235. Double-clicking that line opens the document in Sales Transaction Inquiry Zoom.

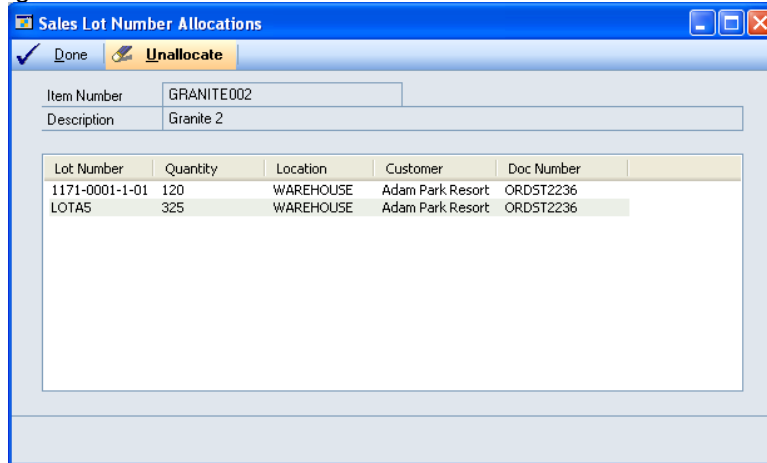


To remove the allocation and make the inventory available, mark the line to un-allocate, and click the UNALLOCATE button.



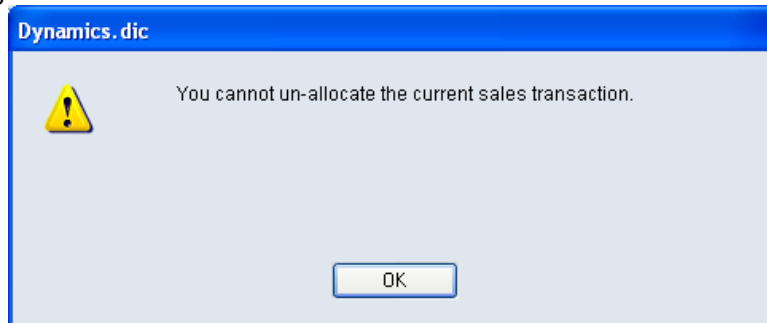
You will be asked to confirm the action. Clicking NO aborts the process and no action is taken.

After inventory has been un-allocated the scrolling window will redisplay to show remaining allocations.

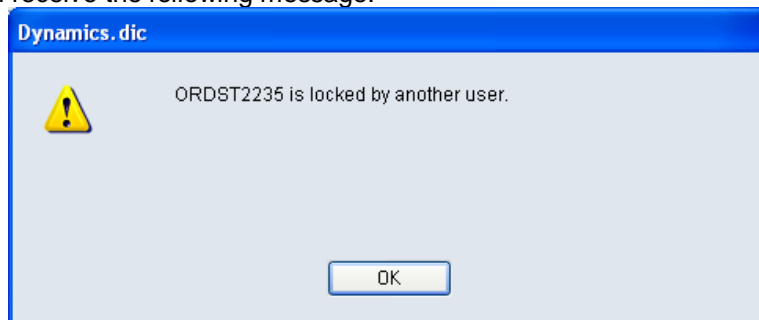


The allocation created by ORDST2235 has been removed. This process can be repeated multiple times.

NOTE: Although allocations created by the current sales transaction are displayed, you cannot un-allocate your own order. If you attempt to do so, you will receive this message:



Also, if the order you select is in-use by another user you will not be able to un-allocate it. You will receive the following message:



When you close the Sales Lot Number Allocations window (by clicking Done, or clicking the X to close the window), the Sales Lot Number Entry window will redisplay showing the un-allocated Lot Numbers.



**Sales Lot Number Entry**

Item Number: GRANITE002      Component:

Description: Granite 2

Kit Item Number:

Extended Quantity: 445.00      Site ID: WAREHOUSE

Lots Selected: 445.00      Quantity Type: On Hand

Lot Number:       Quantity Selected: 0.00

Bin:       Quantity Available: 0.00

Sort:        Show All Bins     Restrict to Bin

Available	Quantity Selected	Quantity Available	Bin
LOT124	0.00	100.00	
LOTB1	0.00	325.00	
1172-0001-1-01	0.00	20.00	
LOTB2	0.00	325.00	

Buttons:        

Selected	Quantity	Bin
1171-0001-1-01	120.00	
LOTA5	325.00	

The unallocated order will need to be refilled. Open the document, and select the unallocated line:

**Sales Transaction Entry**

Save    Delete    Void    Post    Transfer    Purchase    Confirm    Copy

Type/Type ID: Order    STDORD    Date: 4/12/2007

Document No: ORDST2235    Batch ID: TEST

Customer ID: AARONFIT0001    Default Site ID: WAREHOUSE

Customer Name: Aaron Fitz Electrical    Customer PO Number:

Ship To Address:     Currency ID: Z-US\$

Line Items by Order Entered	Item Number	D	U of M	Qty Ordered	Unit Price	Extended Price
	GRANITE002	<input type="checkbox"/>	SOFT	325.00	\$20.00	\$6,500.00
		<input type="checkbox"/>		0.00	\$0.00	\$0.00

Amount Received: \$0.00      Subtotal: \$6,500.00

Terms Discount Taken: \$0.00      Trade Discount: \$0.00

On Account: \$6,500.00      Freight: \$0.00

Comment ID:       Miscellaneous: \$0.00

Tax: \$0.00

Total: \$6,500.00

by Document No.      Document Status

Click the Line Detail button.

**Sales Transaction Entry**

Save Delete Void Post Transfer Purchase Confirm Copy

**Type/Type ID:** Order STDORD **Date:** 4/12/2007

**Document No.:** DRDST2235 **Batch ID:** TEST

**Customer ID:** AARONFIT0001 **Default Site ID:** WAREHOUSE

**Customer Name:** Aaron Fitz Electrical **Customer PO Number:**

**Ship To Address:** **Currency ID:** Z-US\$

---

**Line Items by Order Entered**

Item Number	D	U of M	Qty Ordered	Unit Price	Extended Price
1234567890	<input type="checkbox"/>	SQFT	325.00	\$20.00	\$6,500.00

Description: Granite 2

Site ID	WAREHOUSE
Price Level	RETAIL
Ship To Address ID	
Shipping Method	
Quantity Available	845.00

Qty to Invoice	325.00
Qty Fulfilled	0.00
Qty Canceled	0.00
Qty to Back Order	0.00

Amount Received: \$0.00  
 Terms Discount Taken: \$0.00  
 On Account: \$6,500.00

Subtotal: \$6,500.00  
 Trade Discount: \$0.00  
 Freight: \$0.00  
 Miscellaneous: \$0.00  
 Tax: \$0.00  
 Total: \$6,500.00

by Document No. Document Status

Note that the Qty Fulfilled is ZERO because there was only one Lot assigned to this line. Click the expansion button to open Sales Lot Number Entry and select Lot Numbers to fulfill the order.

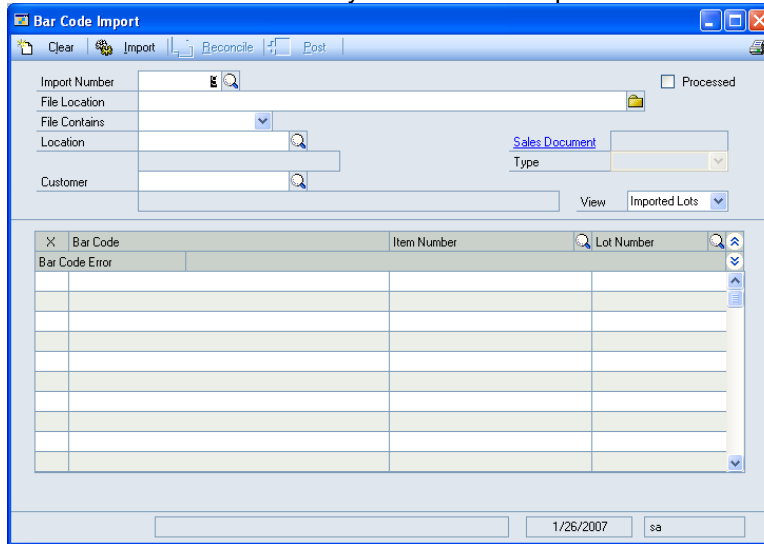
# Bar Code Import

Bar Code Import addresses two requirements:

- ACMECO will conduct physical inventory at the consignment sites using a bar code reader to scan each slab. This will generate a list of bar codes (Item Number + Lot Number) that needs to be reconciled against the system's On Hand inventory. Any Slab that is in On Hand inventory but not on the physical inventory is assumed to have been sold
- ACMECO will receive a text file of sold bar codes (ItemNumber + Lot Number).

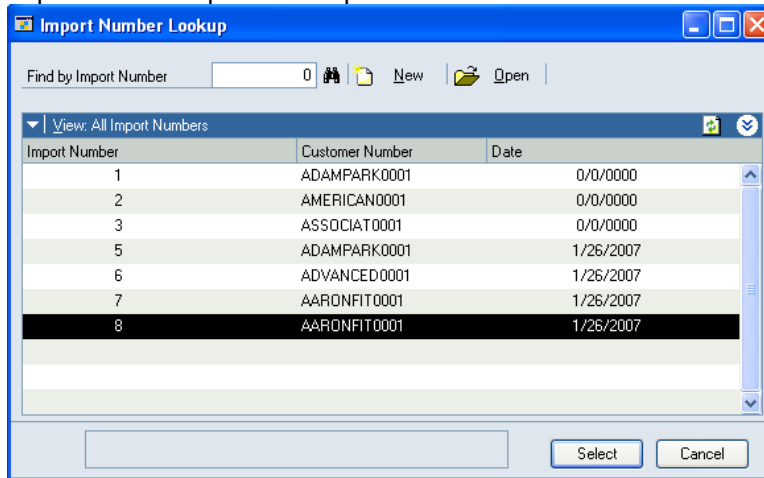
In both cases, the resulting list of Sold Slabs will be turned into a sales order for the customer who has the consignment inventory.

Navigation: Transactions >> Inventory >> Bar Code Import.

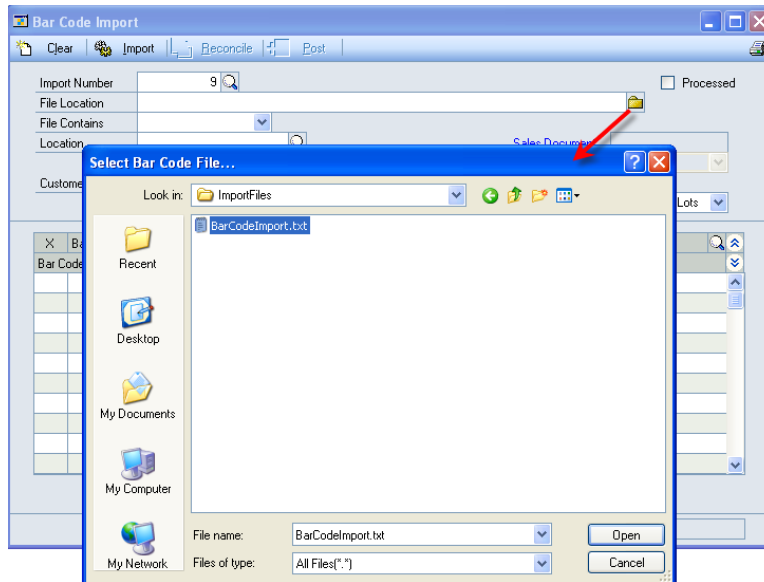


The Import Number is an integer that is automatically generated by the system.

The Lookup will show all previous imports:



Click the FOLDER button to locate the import file.



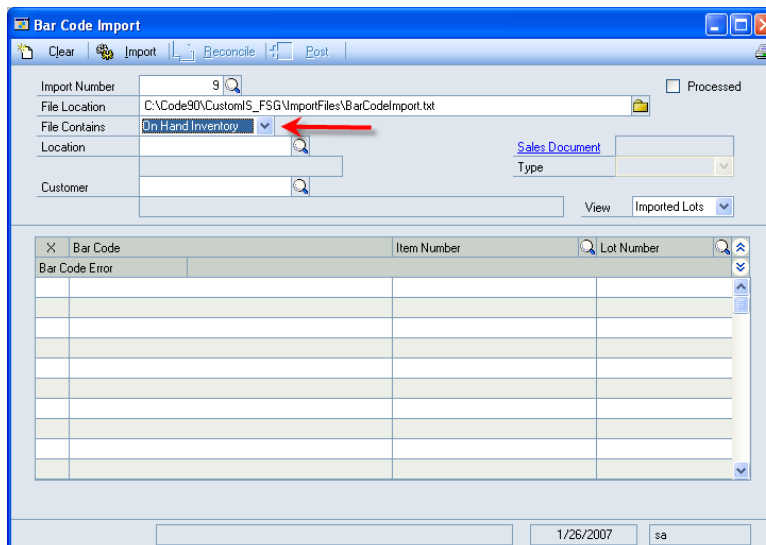
The bar codes generated by ACMECO Custom Code during PO Receiving have the following format:

\*ItemNumber+LotNumber\*

The bar code read should recognize the asterisks as start/end markers and strip them off. The resulting import file should be a text file (\*.txt) with the following format:

```
BarCodeImport.txt - Notepad
File Edit Format View Help
CAP100+LOTXA
COUNTERTOP+COUNTER01
GRANITE001+LOT1234
GRANITE002+1171-0001-1-01
GRANITE002+1172-0001-1-01
GRANITE002+1174-0001-1-01
GRANITE002+1174-0001-1-02
GRANITE002+1175-0001-1-01
GRANITE002+LOT122
GRANITE002+LOT123
GRANITE002+LOT124
GRANITE002+LOTA1
GRANITE002+LOTA2
GRANITE002+LOTA5
GRANITE002+LOTB1
GRANITE002+LOTB2
LOTTRACKEDITEM+SALLYLOT
PHON-RCV-0001+499915
PHON-RCV-0002+499901
RMTL-CAP-10MF+14672
WIRE-MCD-0001+00441355
WIRE-MCD-0001+1
WIRE-MCD-0001+111155
WIRE-MCD-0001+442266
WIRE-MCD-0001+44501
WIRE-MCD-0001+8844666
WIRE-MCD-0001+LOT B
WIRE-MCD-0001+LOT1
WIRE-SCD-0001+12055
WIRE-SCD-0001+144501
WIRE-SCD-0001+2
WIRE-SCD-0001+220044
WIRE-SCD-0001+2225566
WIRE-SCD-0001+2228844666
WIRE-SCD-0001+LOT C
WIRE-SCD-0001+LOT1
```

Locate your import file, then click OPEN.

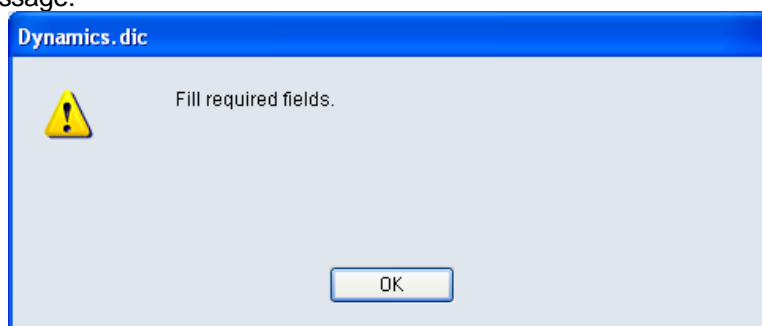


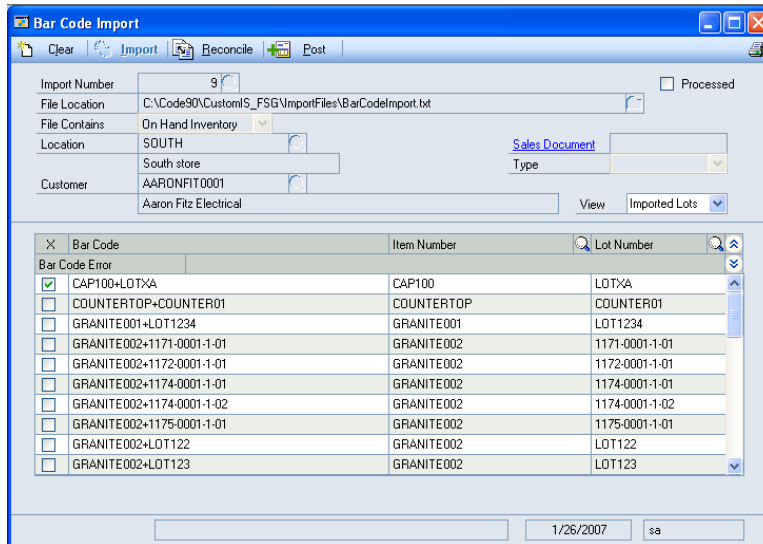
Select the file type from the File Contains list. The two options are On Hand Inventory and Sold Inventory.

The screenshot shows the 'Bar Code Import' window. The 'File Contains' dropdown is set to 'On Hand Inventory'. A red arrow points to the 'Location' field, which contains 'SOUTH'. Other fields include 'Import Number' (9), 'File Location' (C:\Code90\Custom\S\_FSG\ImportFiles\BarCodeImport.txt), and 'Customer' (I). A table with columns 'Bar Code', 'Item Number', and 'Lot Number' is visible below the form fields.

The screenshot shows the 'Bar Code Import' window. The 'File Contains' dropdown is set to 'On Hand Inventory'. Red arrows point to the 'Location' field (containing 'SOUTH') and the 'Customer' field (containing 'AARONFIT0001'). Other fields include 'Import Number' (9), 'File Location' (C:\Code90\Custom\S\_FSG\ImportFiles\BarCodeImport.txt), and 'Customer' (AARONFIT0001). A table with columns 'Bar Code', 'Item Number', and 'Lot Number' is visible below the form fields.

Lastly, select the Location and Customer. All fields must be entered before you can run the Import. If you click Import prior to filling in the required information, you will receive this message:

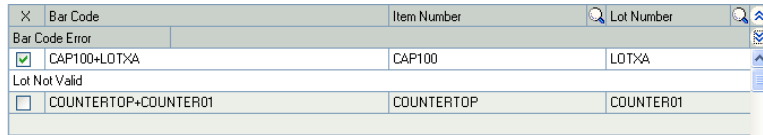




During the import the system will verify that Item Numbers and Lot Numbers exist in Dynamics GP. At this point it is not checking if they actually belong in the selected site.

NOTE: before starting the import the system will attempt to read the first line of the import file. If it does not find a string with the format "ItemNumber+LotNumber" it will display an error message and abort the import. At this point you should manually examine the import file to make sure it has the correct formatting.

Error conditions are indicated with the CHECK MARK.



Expand the line to view details of the error. Manually change the Item Number or Lot Number as needed to resolve errors.

The next step is to reconcile the imported Lot Numbers to On Hand inventory. Two different processes take place depending on whether the file contained On Hand Inventory from a physical count, or Sold Lots.

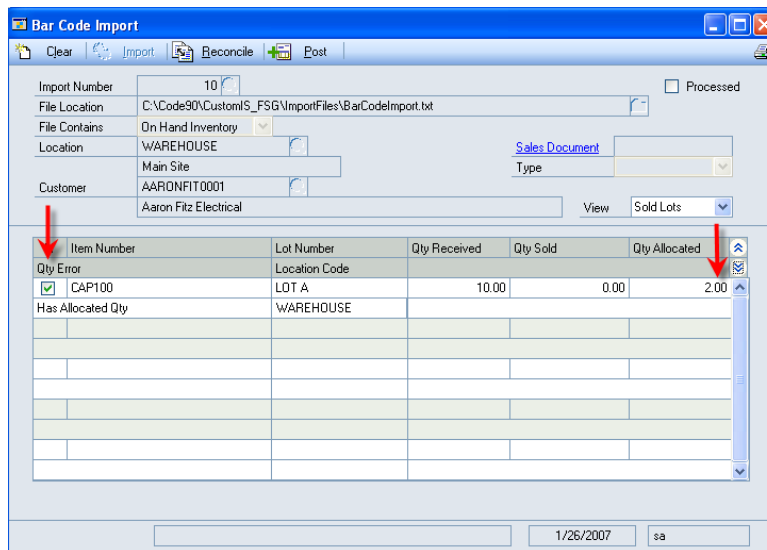
- On Hand Reconciliation compares all available Item Number – Lot Number pairs in the selected site ("SOUTH") to Item Number – Lot Number pairs in the import. A match indicates the inventory is still On Hand in the consignment site. Lack of a match indicates that the inventory has been sold out of the consignment site.
- Sold Lot Reconciliation compares all Item Number – Lot Number pairs in the import file to On Hand inventory in the selected site. This is to confirm the validity of the data—the system cannot create a sales transaction for inventory that it doesn't think exists in the site.

Click RECONCILE. You will be prompted to confirm you want to start the process.



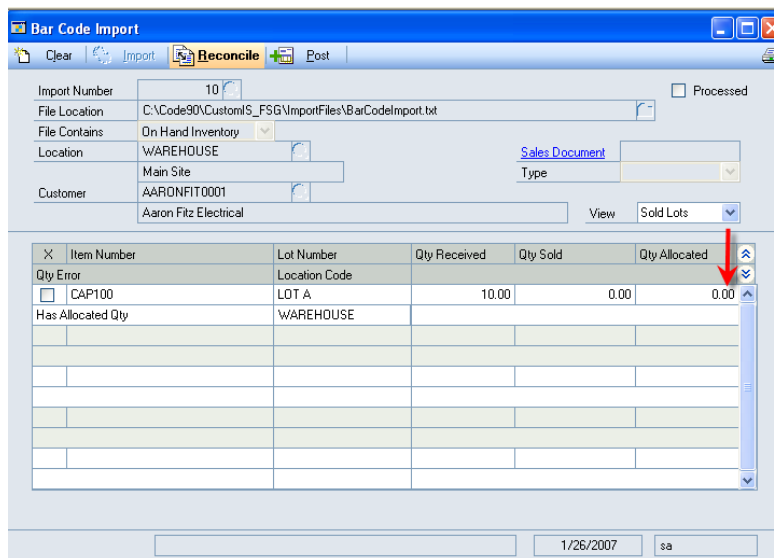


The VIEW drop down list allows you to switch between viewing Sold Lots, and the source file (“Imported Lots”). This data will always be stored in Dynamics GP for future reference.



In this case the only Sold Lot already has some quantity allocated. The software assumes that only whole Slabs are sold, so the condition above should not happen and is an error. The user must manually resolve this.

If the inventory can be un-allocated, you can click the Reconcile button again to re-execute the reconcile process.



In the example above, a sales line deleted that mistakenly had the quantity allocated for CAP100. After re-running Reconcile, LOT A is now available to be posted to SOP.

**Bar Code Import**

Clear Import Reconcile Post

Import Number: 11  Processed

File Location: C:\Code90\Custom\5\_FSG\ImportFiles\BarCodeImport.txt

File Contains: Sold Inventory

Location: WAREHOUSE [Sales Document](#)

Customer: ADVANCED0001  Main Site Type

Advanced Paper Co.  View: Sold Lots

X	Item Number	Lot Number	Qty Received	Qty Sold	Qty Allocated
	COUNTERTOP	COUNTER01	20.00	0.00	0.00
<input checked="" type="checkbox"/>	GRANITE001	LOT1234	5.00	0.00	1.00
<input checked="" type="checkbox"/>	GRANITE002	LOT123	0.00	0.00	0.00
<input checked="" type="checkbox"/>	GRANITE002	LOTA5	0.00	0.00	0.00
<input type="checkbox"/>	GRANITE002	LOT124	100.00	0.00	0.00
<input type="checkbox"/>	GRANITE002	1171-0001-1-01	120.00	0.00	0.00
<input type="checkbox"/>	GRANITE002	1172-0001-1-01	20.00	0.00	0.00
<input type="checkbox"/>	GRANITE002	LOTB2	325.00	0.00	0.00
<input type="checkbox"/>	GRANITE002	LOT122	74.75	0.00	0.00
<input type="checkbox"/>	GRANITE002	1175-0001-1-01	10.77	0.00	0.00

1/26/2007 sa

The following example of posting uses a different Import file with more Sold Lots. In the screen capture above the import has been performed, and reconciled.

Click POST.

**Posting Information**

Post

Batch ID: |

Comment:

SOP Type: Order

Document ID:

Posting will create a Sales Order for all of the Sold Lots. Select a Batch ID and Document ID for the Order.

**Posting Information**

Post

Batch ID: DOCS

Comment:

SOP Type: Order

Document ID: STDORD

Click POST.

### Report Destination

**Report Information**

Name: SOP Error Log

Option:

**Destination**

Screen

Printer

File

File Name:

File Format:

Append  Replace

OK Cancel

This report will run every time you post. You do NOT need to print the report. The process of creating the SOP Order reconciles the document to make sure amounts are correct. It is expected that there will be adjustments on this report.

**Screen Output - SOP Error Log**

Print Send To 75% Completed 1 Page Page 1

System: 1/26/2007 11:27:01 AM  
 User Date: 4/12/2007

Fabrikam, Inc.  
 Reconcile-Remove Sales Documents  
 Sales Order Processing

Ranges: From: To:  
 Document Number: ORDST2264 ORDST2264

Document Number	Document Type
ORDST2264	Order

Subtotal was changed from \$0 to \$19,715.  
 Remaining subtotal was changed from \$0 to \$19,715.

---

**Bar Code Import**

Clear Import Reconcile Post

Import Number: 10  Processed

File Location: C:\Code00\Custom\SW\SIS\Import\Las\State\Code\Import.txt

File Contains: On Hand Inventory

Location: WAREHOUSE

Customer: AARONFIT0001  
 Aaron Fitz Electrical

Sales Document: ORDST2263  
 Type: Order

X	Bar Code	Item Number	Lot Number
<input checked="" type="checkbox"/>	CAP100+LOTXA	CAP100	LOTA
<input type="checkbox"/>	COUNTERTOP+COUNTER01	COUNTERTOP	COUNTER01
<input type="checkbox"/>	GRANITE001+LOT1234	GRANITE001	LOT1234
<input type="checkbox"/>	GRANITE002+1171-0001-1-01	GRANITE002	1171-0001-1-01
<input type="checkbox"/>	GRANITE002+1172-0001-1-01	GRANITE002	1172-0001-1-01
<input type="checkbox"/>	GRANITE002+1174-0001-1-01	GRANITE002	1174-0001-1-01
<input type="checkbox"/>	GRANITE002+1174-0001-1-02	GRANITE002	1174-0001-1-02
<input type="checkbox"/>	GRANITE002+1175-0001-1-01	GRANITE002	1175-0001-1-01
<input type="checkbox"/>	GRANITE002+LOT122	GRANITE002	LOT122
<input type="checkbox"/>	GRANITE002+LOT123	GRANITE002	LOT123

1/26/2007 sa

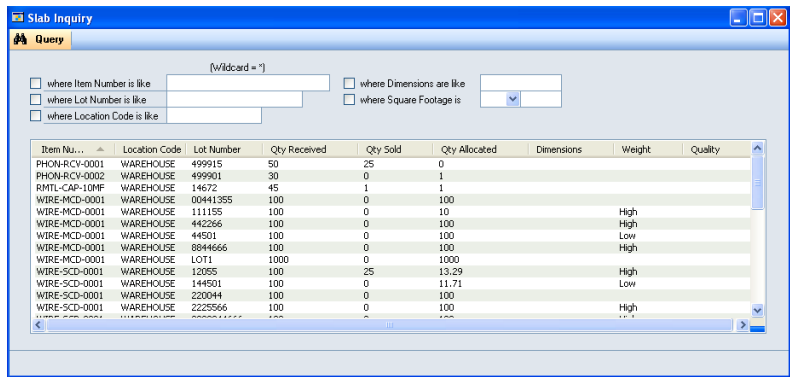
The new Sales Order will be displayed on the Bar Code Import window. Click the Sales Document zoom to view the order.



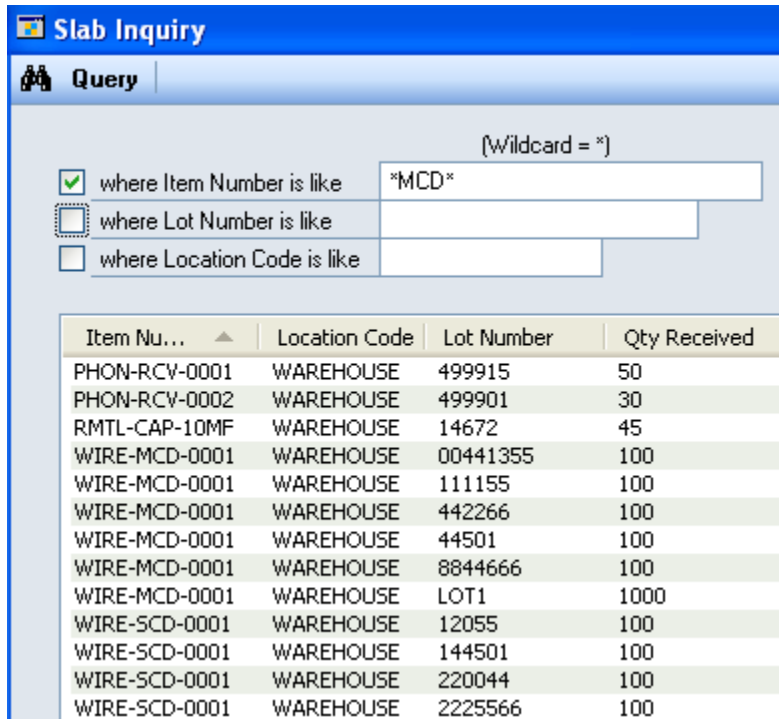
# Slab Inquiry

Slab Inquiry is a tool that builds a query to quickly locate Slabs by any of several different search criteria. It also allows you to see what sales transactions are allocating any of the available inventory.

Navigation: Inquiry >> Inventory >> Slab Inquiry



Clicking the QUERY button with no restrictions selected will show all Lot Numbered inventory.



Most of the restriction fields on Slab Inquiry work with Wild Cards. As shown above, a restriction has been created to find all lots for Item Numbers that contain "MCD". Here are the results:

**Slab Inquiry**

**Query**

(Wildcard = \*)

where Item Number is like

where Lot Number is like

where Location Code is like

Item N...	Location Code	Lot Number	Qty Received
WIRE-MCD-0001	WAREHOUSE	00441355	100
WIRE-MCD-0001	WAREHOUSE	111155	100
WIRE-MCD-0001	WAREHOUSE	442266	100
WIRE-MCD-0001	WAREHOUSE	44501	100
WIRE-MCD-0001	WAREHOUSE	8844666	100
WIRE-MCD-0001	WAREHOUSE	LOT1	1000
WIRE-MCD-0001	WAREHOUSE	1	1000
WIRE-MCD-0001	WAREHOUSE	LOT B	1000

This can be used in the Dimensions to find slabs of a particular size. For example:

where Dimensions are like

where Square Footage is

This restriction would find all slabs that have a dimension of at least 10 in the length measurement. Here are the results:

**Slab Inquiry**

**Query**

(Wildcard = \*)

where Item Number is like

where Lot Number is like

where Location Code is like

where Dimensions are like

where Square Footage is

Item Nu...	Location Code	Lot Number	Qty Received	Qty Sold	Qty Allocated	Dimensions	Weight	Quality
GRANITE002	WAREHOUSE	1171-0001-1-01	120	0	120	10x12	2212.80000	good
GRANITE002	WAREHOUSE	1172-0001-1-01	20	0	20	10x2	368.80000	
LOTTRACKEDITEM	WAREHOUSE	SALLYLOT	2	0	2	10x12	125lbs	good
GRANITE002	WAREHOUSE	1174-0001-1-01	1	0	1	12x12	18.44000	good

Double-click on any line to see what sales transactions are allocating the inventory:

**Sales Lot Number Allocations**

Done Unallocate

Item Number: GRANITE002  
Description: Granite 2

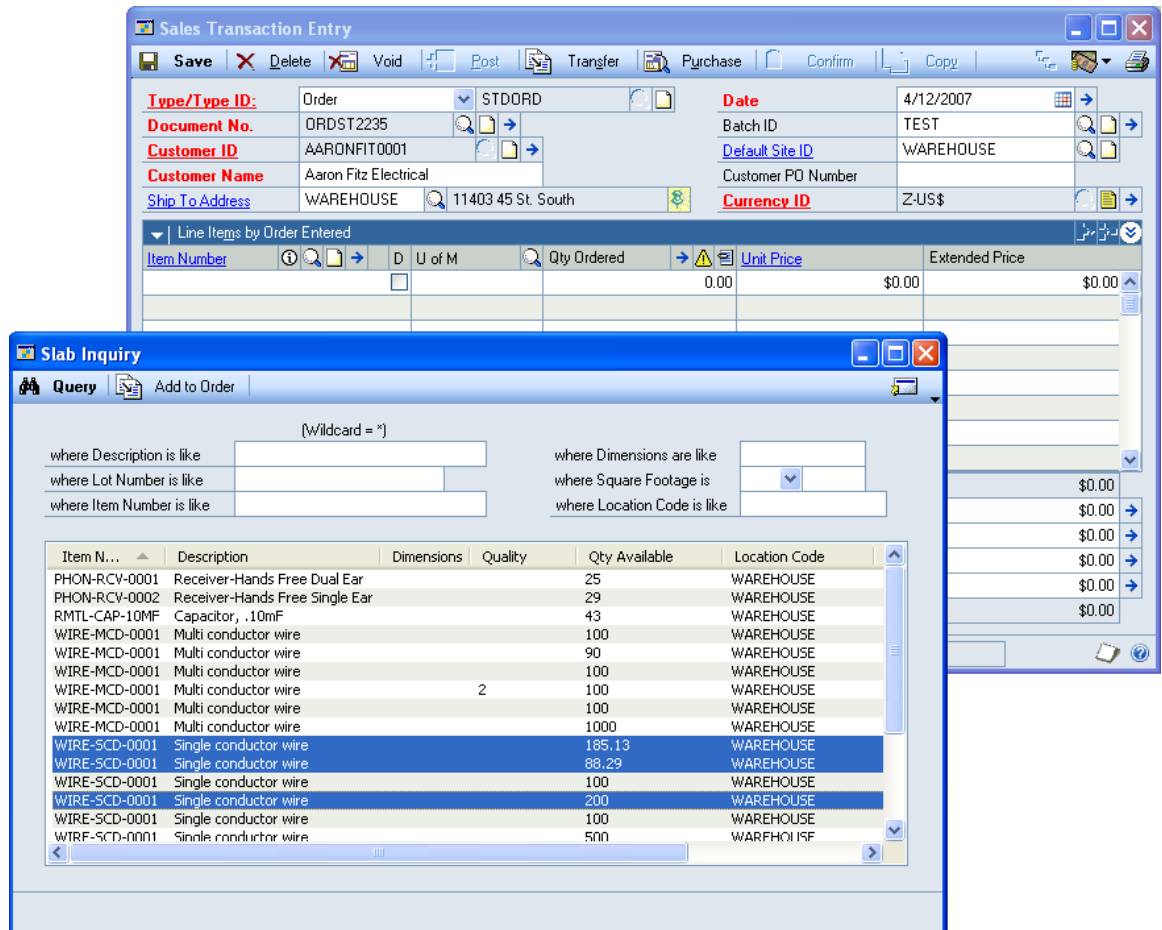
Lot Number	Quantity	Location	Customer	Doc Number
LOT124	100	WAREHOUSE	Advanced Paper Co.	ORDST2264
1171-0001-1-01	120	WAREHOUSE	Advanced Paper Co.	ORDST2264
1172-0001-1-01	20	WAREHOUSE	Advanced Paper Co.	ORDST2264
LOTB2	325	WAREHOUSE	Advanced Paper Co.	ORDST2264
LOT122	74.75	WAREHOUSE	Advanced Paper Co.	ORDST2264
1175-0001-1-01	10.77	WAREHOUSE	Advanced Paper Co.	ORDST2264
LOTA1	25.25	WAREHOUSE	Advanced Paper Co.	ORDST2264
LOTA2	300	WAREHOUSE	Advanced Paper Co.	ORDST2264
1174-0001-1-01	1	WAREHOUSE	Advanced Paper Co.	ORDST2264
1174-0001-1-02	4	WAREHOUSE	Advanced Paper Co.	ORDST2264

# Slab Inquiry & Sales Transaction Entry

Slab Inquiry can be used together with Sales Transaction Entry to quickly select and enter a range of Lot Numbers.

Open Sales Transaction Entry first, then open Slab Inquiry. The "Add to Order" button on Slab Entry will only be enabled if Sales Transaction Entry is open.

The Add to Order function will only work if the Sales Document is an Order. Also, all required fields must already be entered on the Sales window, and a Batch Number must be provided.



Select one or more slabs in the Slab Inquiry window. The selected lines must all be for the same Item Number and in the same Location. Add To Order will only proceed if both of these conditions are correct.

Click Add To Order to add the selected Items and Lots to the Sales Order.



