



Multi-Bin Processing For MAS 90/200

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Installation Instructions and Cautions

PLEASE NOTE: MAS 90 must already be installed on your system before installing any IIG enhancement. If not already done, perform your MAS 90 installation and setup now; then allow any updating to be accomplished automatically. Once MAS 90 installation and file updating is complete, you may install your IIG enhancement product by following the procedure below.

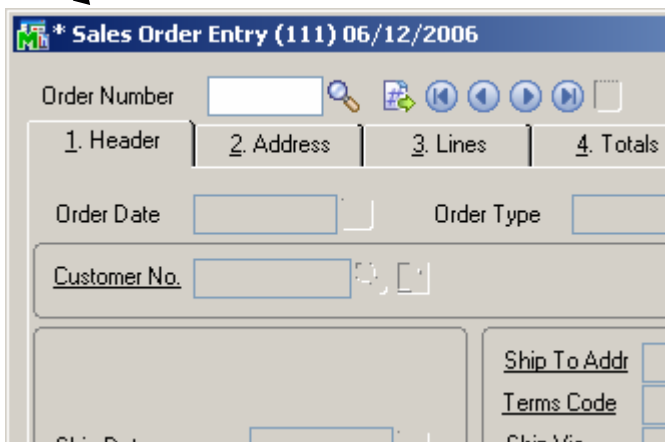
Wait! Before You Install – Do You Use CUSTOM OFFICE?

***THIS IS AN IMPORTANT CAUTION:** If you have Custom Office installed, **and** if you have modified any MAS 90 screens, you must run **Customizer Update** after you do an enhancement installation.*

*But wait! **BEFORE** you run **Customizer Update**, it is very important that you **print all of your tab lists**. Running **Customizer Update** will clear all Tab settings; your printed tab list will help you to reset your Tabs in Customizer Update. **Custom Office** is installed on your system if there is an asterisk in the title bar of some of the screens. The asterisk indicates that the screen has been changed.*

An **asterisk** in a window's title bar indicates that the screen has been modified. This means that **Custom Office** is installed.

Follow all the instructions on this page before you run **Customizer Update!**



Registering IIG products

IIG Enhancement should be registered to be able to use it. If registration is not performed, the enhancement will work in a demo mode for a limited time period. The registration can be still done during the demo period.

Select the **IIG Product Registration** program under the **Library Master Setup** menu of the MAS 90.

If this option is not listed under the Library Master Setup menu, go to the main menu, and select **Run** from the **File** menu. Type in SVIIGR and click **OK**.

Enhancement	Level	Release Date	Serial Number	Unlocking Key
IIG Enhancement Name	4.1	07/19/2004	AAAAAAAAAAAAAAAAA	BBBBBB

Enter **Serial Number** and **Unlocking Key** provided by IIG, and click **OK**.

If multiple IIG Enhancements are installed, Serial Numbers and Unlocking Keys should be entered for each enhancement.

Use the **Print Registration Form** button to print IIG Registration Form.

Introduction

The IIG's Multi-Bin Processing Enhancement allows users to work with multiple bins in warehouses for processing items.

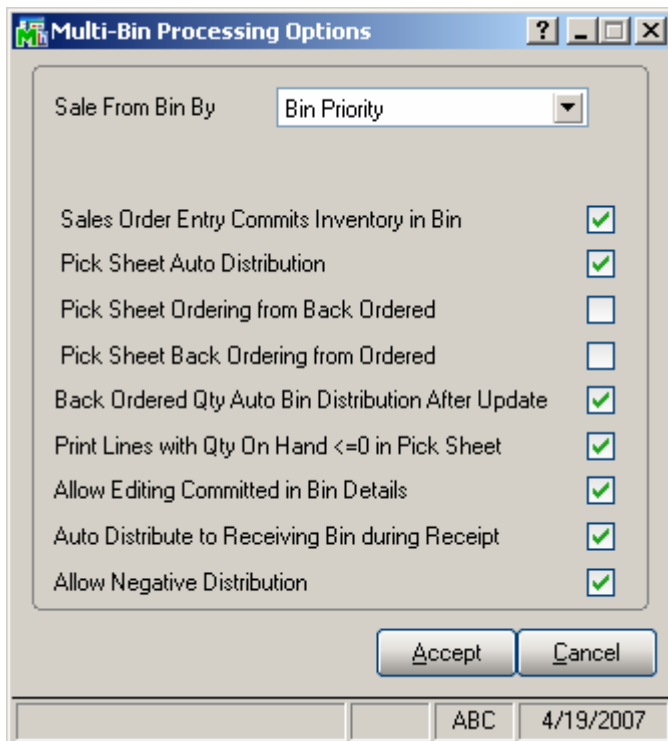
Multi-Bin Processing Options

Select **Multi-Bin Processing Options** from the **Inventory Management Setup** menu.

Run the **Multi-Bin Processing Options** program immediately after the Multi-Bin Processing enhancement is installed. The **Multi-Bin Processing Options** program must be run also when data is copied from a company to a one which is newly created.

This program should be run in order to create all the required files and to extend existing files as required for set-up of Multi-Bin Processing.

Running the program will avoid the creation of error conditions related to installation.



The **Sale From Bin By** option enables auto distribution in MAS 90. This means that MAS 90 will distribute items by bin location during Sales Order and Invoice Processing based on the options selected in this drop-down box.

Available options are the following:

None: Disables the feature.

Receiving Date: The program will process items by receiving date.

Smallest Quantity On Hand: The program will distribute items by the smallest available quantity.

Bin Priority: The program will distribute items by bin priority.

Check the **Sales Order Entry Commits Inventory in Bin** box to enable distribution by bin during Sales Order. Entry will then be transferred into the invoice during Sales Order Invoicing.

Note: Do not change this option after entering any information on SO. It will produce a wrong calculation on committed quantity on bin locations.

Check the **Pick Sheet Auto Distribution** box to have items distributed automatically in the Picking Sheets instead of Sales Orders. Note that if this option is selected, a Pick Sheet should be printed before invoicing an order. Invoice cannot be entered if the item is not distributed.

The **Pick Sheet Ordering from Back Ordered** and **Pick Sheet Back Ordering from Ordered** check boxes are available only if the **Pick Sheet Auto Distribution** box is checked.

Check the **Pick Sheet Ordering from Back Ordered** box to allow auto distributing from back ordered quantity, if there is quantity available to distribute, and moving that distributed quantity to quantity ordered.

Check the **Pick Sheet Back Ordering from Ordered** box to allow moving to back ordered the quantity from ordered, if there is no quantity available to distribute.

Check the **Back Ordered Qty Auto Bin Distribution After Update** box to enable Auto Bin Distribution for the Back Orders creating during update.

Check the **Print Lines with Quantity On Hand <= 0 in Pick Sheet** box to include lines with Quantity On Hand less or equal to zero in the Pick Sheet Printing.

Check the **Allow Editing Committed in Bin Details** box to enable changing the Committed Quantity in the **Bin Distribution Details** screen of the **Inventory Maintenance** program. The editing is allowed only for the users with Supervisor rights.

Check the **Auto Distribute to Receiving Bin during Receipt** box to enable automatic distribution of the quantities received to the special **Receiving Bin** specified for each **Warehouse**.

Select the **Allow Negative Distribution** option to enable distribution of negative quantities in Sales Order, Invoice Data Entry and wherever the Quantities are committed.

Setting Up a Default Bin

The SWBINI program should be run before starting to use the Multi-Bin Processing enhancement, for each Company.

If Multi-Bin Processing enhancement has not been used on the system before, the program will mark all the Warehouses as Using Bins, create Default Bin in each Warehouse, and put all the quantities available on hand into those Default Bins.

If Multi-Bin Processing has been used in lower versions of MAS (3.xx, 4.00), the program will mark all the Warehouses as Using Bins, leaving the existing Bins and quantities in them intact.

The SWBINI program should be run for each Company prior to making Multi-Bin-specific changes in that Company (warehouses, bins maintenance).

The program run at any time will not corrupt any data.

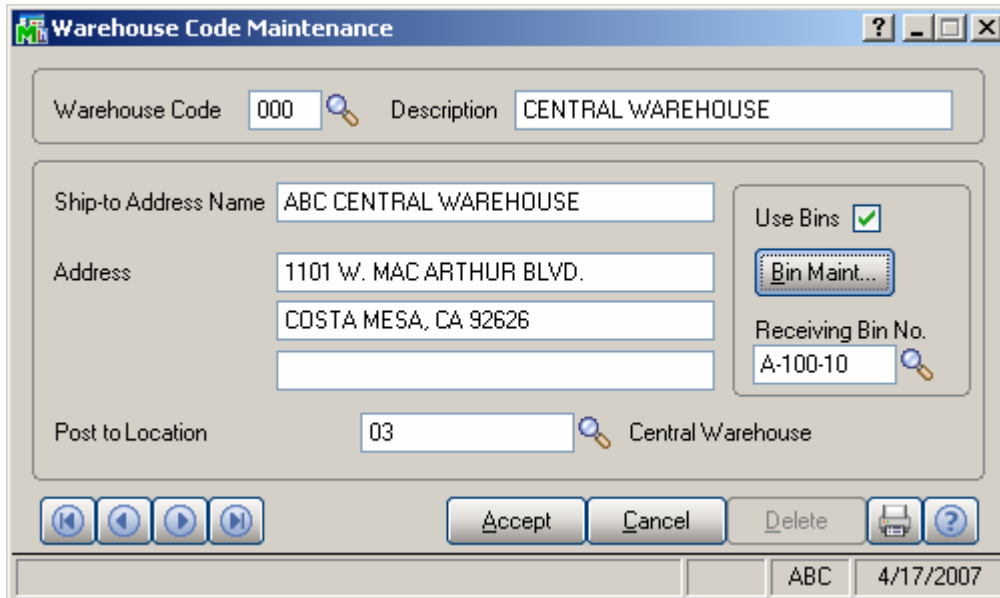
Before running SWBINI program please make sure:

1. Inventory Transaction journal is updated.
2. Inventory Physical Count Variance Register is updated.
3. Sales journal is updated.
4. Receipt journal on PO module is updated.
5. Return journal on PO module is updated.
6. Production Entry journal on BOM module is updated.
7. Disassembly journal on BOM module is updated.

Select the **Run** option from the **File** menu. Type in the following letters – SWBINI – and click **OK**.

Warehouse Code Maintenance

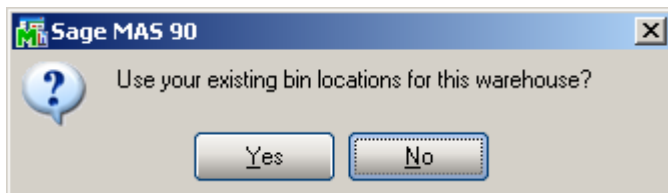
Select the **Warehouse Code Maintenance** program under the **Inventory Management Setup** menu.



Check the **Use Bins** box to start using the Bins for the selected Warehouse. The **Bin Maintenance** and the **Receiving Bin Number** options are available only for Warehouses using Bins.

No Bin Processing functionality is available for Warehouses not Using Bins.

When selecting the **Use Bins** option the following message box appears:



If **Yes** is selected, the program checks if there is Bin Location for the Warehouses then uses that one; otherwise it creates a Default bin.

If **No** is selected, then Bin creates by default.

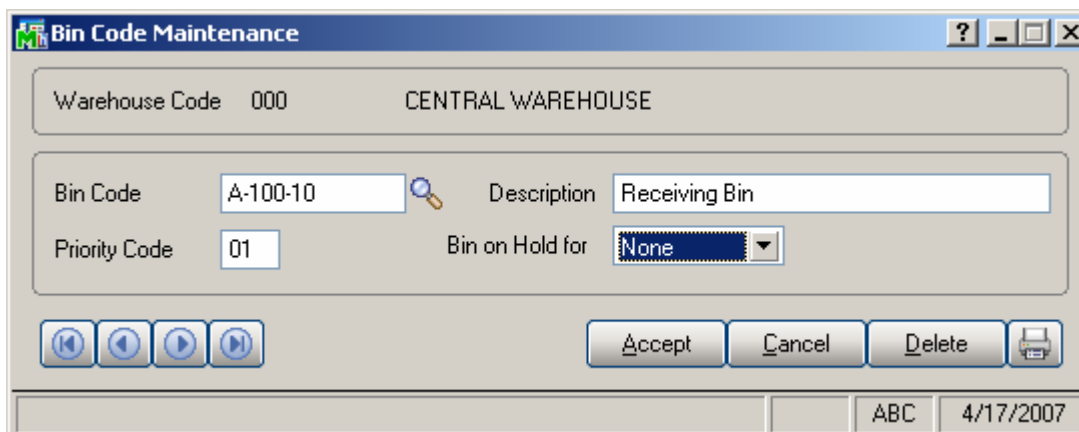
Note that if the **Use Bins** option is cleared for a **Warehouse**, the entire **Bin Information** (Bin Numbers, Item Quantities for Bins) will be cleared, and you will not be available to restore it.

Click the **Bin Maintenance** button to open the **Bin Code Maintenance** screen for the selected warehouse.

After setting up Bins for the Warehouse, you can select the **Receiving Bin Number**, if the **Auto Distribute to Receiving Bin during Receipt** box is checked in the **Multi-Bin Processing Options**.

If the **Auto Distribute to Receiving Bin during Receipt** box is checked, and there is Receiving Bin specified for the Warehouse, items will be automatically distributed to that Bin when receiving with the **Receipt Of Goods** program.

The **Bin** selected as **Receiving Bin**, cannot be deleted from the **Bin Maintenance**.



The **Priority Code** is used for auto-distribution by **Priority**.

The selected **Bin** can be set **on Hold**, preventing from either automatic or manual distribution to that bin, during **Sales, Receiving, or Both**.

None means the Bin can be used for distribution freely.

Bin on Hold for Sales means it is not available (in the lookups and for manual entry) and cannot be used

throughout the **Sales Order module** and in the **I/M Sales Transactions**.

Bin on Hold for Receiving means it is not available (in the lookups and for manual entry) and cannot be used throughout the **Purchase Order module** and in the **I/M Receipts Transactions**.

Bin on Hold for Both means it is not available and cannot be used for either **Sales** or **Receiving**.

Bin Distribution Entry

You should distribute items in the **Bin Distribution Entry** screen, for the **Warehouses Using Bins**, from the following MAS 90 programs:

- Inventory Transactions
- Sales Order Entry (optional depending on the MBN Setup setting)
- Sales Invoice Entry
- Shipping Entry
- Purchase Order Receipt of Goods Entry
- Purchase Order Return of Goods Entry
- Return Merchandise Authorization Entry
- Return Merchandise Receipt Entry
- Bill Of Materials Production Entry
- Bill Of Materials Disassembly Entry
- Work Order Transaction Entry (Material Issue and Completion types)

Bin Distribution Entry

Item 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK U/M EACH

Bin Number	Available	Receive
E-300-10	2485.00	10.00

Bin Number Available Distribute

Bin Number	Available	Distribute
E-300-10	2485.00	10.00

Distribution Balance 0.00

Accept

The **Bin Distribution** screen is not available in any program for the Warehouses not Using Bins.

For this screen opened from the Receipt of Goods, Transactions Entry (for Receipts and Transfers transaction types), Return Merchandise Receipt Entry, Bill of Materials Disassembly Entry, or Work Order Transaction Entry (for Completion type) screens, if not all items are distributed yet, the **Warehouse Bin List** button becomes visible. Click it to see the list of the bins that don't have distributed items yet.

The screenshot shows a window titled "Bin Distribution Entry" with the following details:

- Item: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK U/M EACH
- Bin Number: E-300-10
- Available: 2485.00
- Receive: 10.00
- Buttons: OK, Undo, Whse Bin List (highlighted)

Bin Number	Available	Distribute
E-300-10	2485.00	10.00

Distribution Balance: 0.00

Buttons: List..., Accept

The **Bins on Hold for Receiving** are not displayed in either lookup.

Here is the list displayed by the **Lookup** button of the Bin Distribution Entry from the Transaction Entry screen (Receipts transaction type):

The screenshot shows a window titled "I/M Inventory Item Bin Distribution File". It contains a table with the following data:

BinNumber	Description	ReceiptDate	Pr.	Qty Available	Qty
E-300-10	Original bin location	04/17/2007		2485	2485

Below the table is a search section with a dropdown menu set to "BinNumber", a "Begins with" dropdown, and an empty text input field. There are buttons for "Find", "Filters...", "Custom...", "Select", "Cancel", and icons for help, print, and refresh. At the bottom, it says "Found 1 records" and has a status bar with "ABC" and "4/17/2007".

Here is the list displayed by the Warehouse Bin List button:

The screenshot shows a software window titled "I/M Whse Code/Bin Code File". It contains a table with the following data:

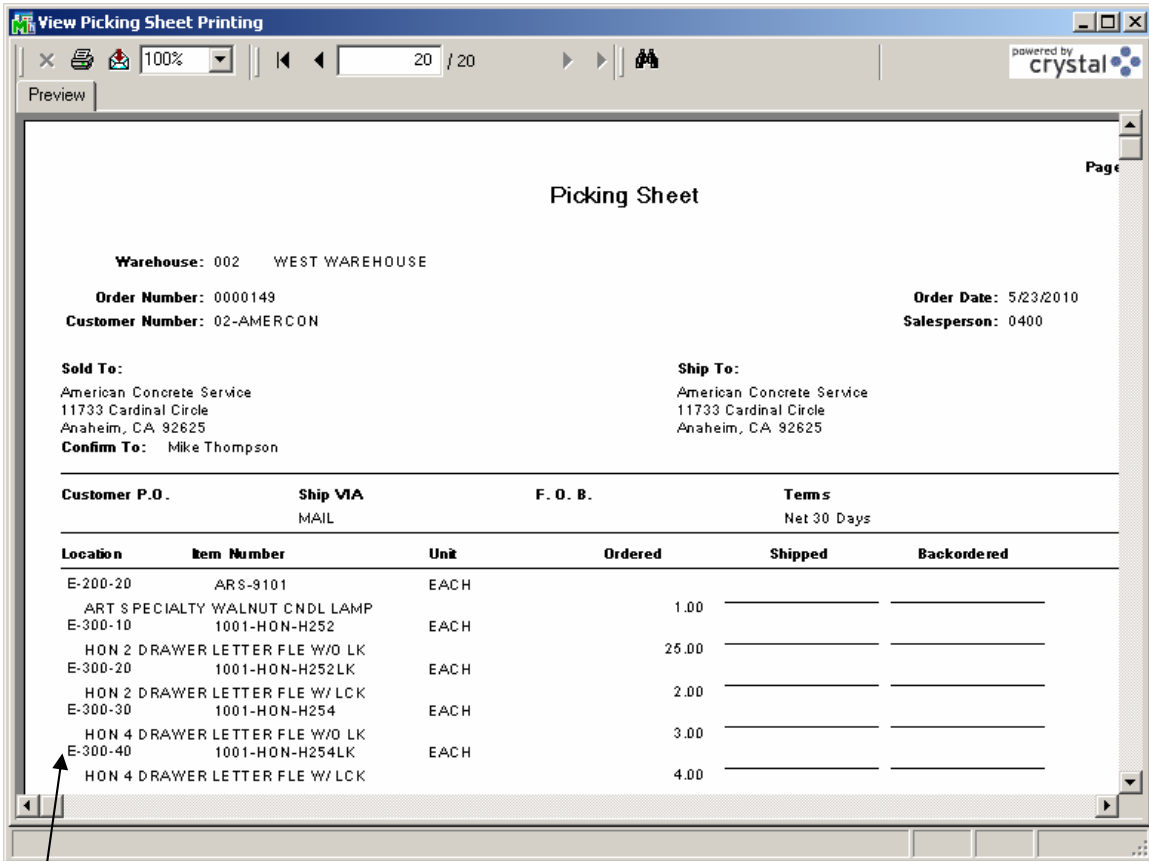
BinNumber	BinDesc	PriorityCode	OnHold
A-100-10	Receiving Bin	01	N
A-100-20	Original bin location		N
A-200-10	Original bin location		N
A-200-20	Original bin location		N
A-200-30	Original bin location		N
A-200-40	Original bin location		N
A-200-50	Original bin location		N
A-200-60	Original bin location		N
A-200-70	Original bin location		N
A-300-10	Original bin location		N
A-300-20	Original bin location		N
A-300-30	Original bin location		N
A-300-40	Original bin location		N
B-100-10	Original bin location		N
B-100-20	Original bin location		N
B-100-30	Original bin location		N

Below the table is a search section with a dropdown menu set to "BinNumber", a "Begins with" dropdown, and an empty text input field. There are "Find", "Filters...", and "Custom..." buttons. At the bottom, there are "Select", "Cancel", and icons for help, print, and refresh. A status bar at the bottom left shows "Found 51 records", and the bottom right shows "ABC" and "4/17/2007".

Printings

Picking Sheet Printing

The **Picking Sheet Printing** program has been modified to display specified bins for items, for the warehouses using bins.



The bin locations are also printed while updating the **Inventory Management Transaction Journal** and **Purchase Order Daily Receipt Registers/Update**.

Bar Code S/O Picking Sheet Printing

The **Bar Code S/O Picking Sheet Printing** program has been modified to display specified bins for items, for the warehouses using bins.

Bar Code S/O Picking Sheet Printing (ABC) 5/12/2007

Form Code: STANDARD
Description: Plain

Number of Copies: 1 Collated: Multi-Part Form Enabled:

1. Main | 2. Select

Order Type to Print: All Include Unauthorized/Expired Credit Card Orders:
Print Orders on Hold: Print Comments: Partial

Additional Item Types to Print
Charge Items: Miscellaneous Items: Special Items:

Auto distribute by bin location: Auto distribute from Back Ordered:
Refresh Distribution: Auto distribute from Ordered:

Line 1 Message:
Line 2 Message:

\\igserver\HP LaserJet 1022 Alignment Print Preview Setup ?

View Picking Sheet Printing powered by crystal


100% 1 / 1

Preview

Page: 1

BPicking Sheet

Warehouse: 001 EAST WAREHOUSE





Order Number: 0000271  **Order Date:** 10/12/2007

Customer Number: 01-ABF **Salesperson:** 0100

Sold To:
American Business Futures
2131 N. 14th Street
Suite 100
Accounting Department
Milwaukee, WI 53205-1204
Confirm To: John Quinn

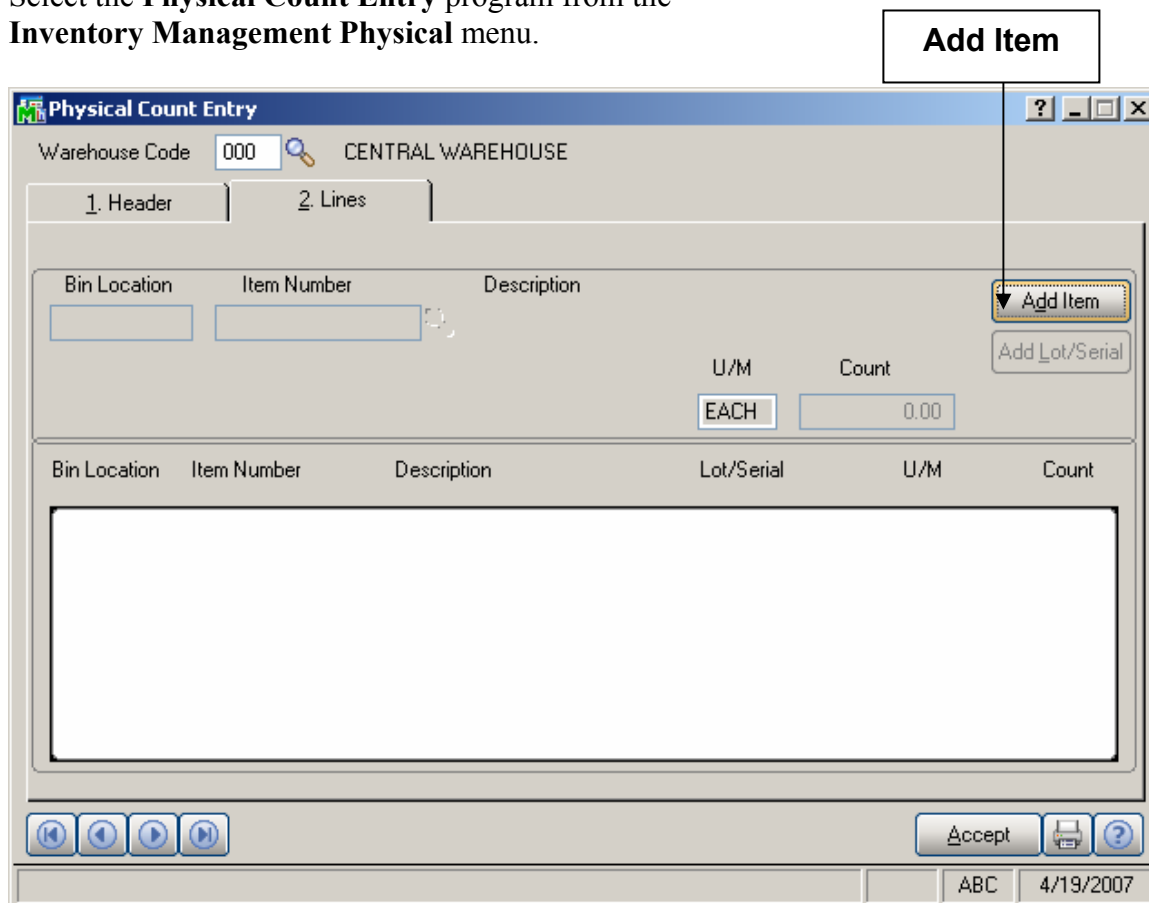
Ship To:
American Business Futures
Racine Warehouse
5411 Kendrick Place
Racine, WI 53120

Customer P.O.	Ship VIA	F. O. B.	Terms
	UPS BLUE		Net 30 Days

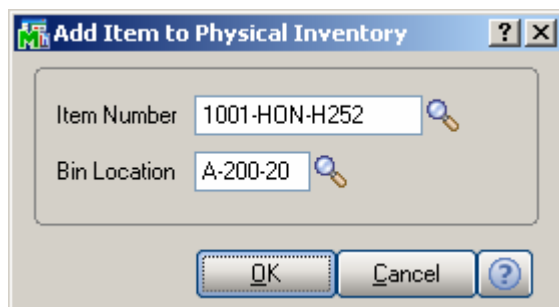
Location	Item Number	Unit	Ordered	Shipped	Backordered
DEFAULT	2480-8-50	EACH			
	DESK FILE 8" CAP 50				
	Lot Number: JAN10		2.00		
					
E-100-10	1001-HON-H252	EACH			
	HON 2 DRAWER LETTER FILE W/O LK		2.00		
					

Physical Count Entry

Select the **Physical Count Entry** program from the **Inventory Management Physical** menu.



Click the **Add Item** to display the **Add Item to Physical Inventory** screen.

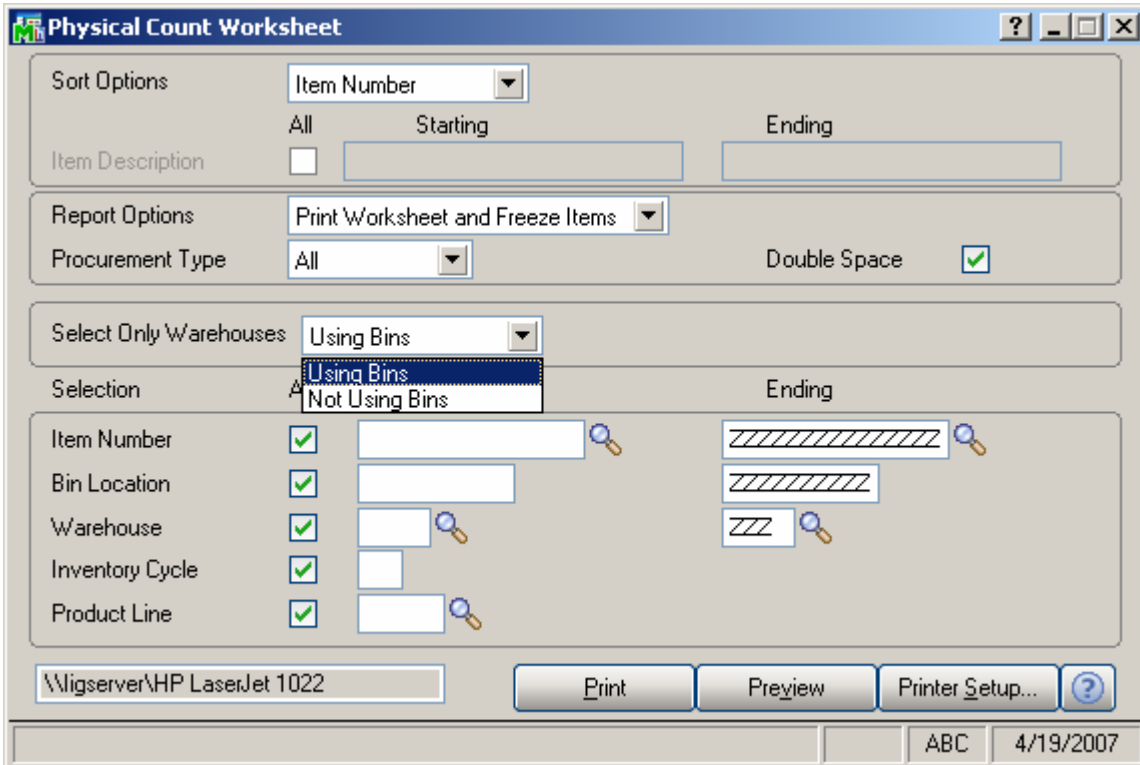


Select **Item Number** and **Bin Location** (for Warehouses Using Bins) from the Lookup lists and click **OK** to add the selected item to physical Inventory.

Physical Count Worksheet

The **Select Only Warehouses** field has been added on the **Physical Count Worksheet** screen.

The Worksheet can be processed only for **Warehouses Using Bins**, or only for **Warehouses Not Using Bins**, each time, but not both together.



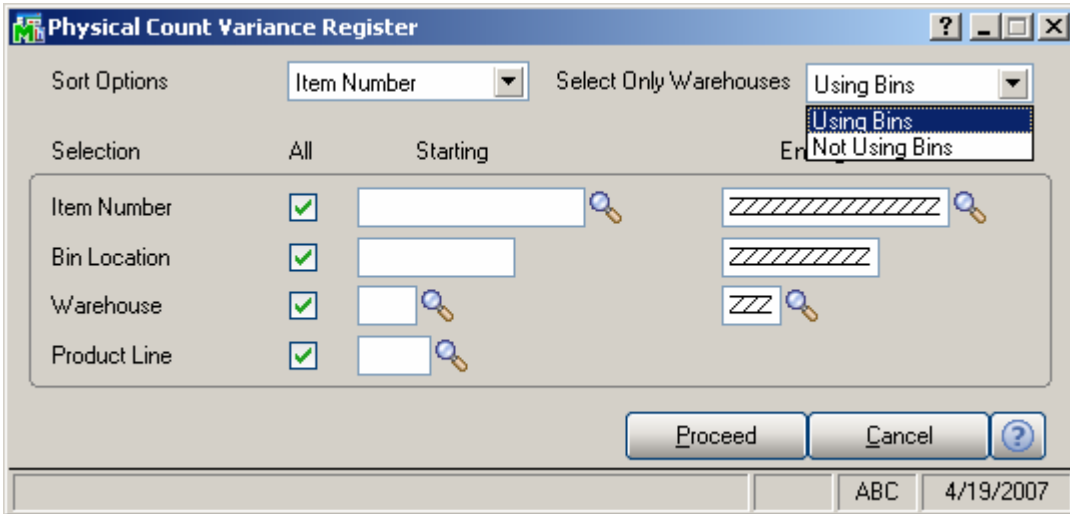
The program will process only Warehouses corresponding to this selection, from the selections made by other criteria.

When **Starting** (or **Ending** if **Starting** is not selected) **Warehouse** is selected, the **Select Only Warehouses** is set according to the type of the selected **Warehouse** (Using Bins or Not), which can be changed after that.

Physical Count Variance Register

The **Select Only Warehouses** field has been added on the **Physical Count Variance Register Selection** screen.

The **Variance Register** can process only for **Warehouses Using Bins**, or only for **Warehouses Not Using Bins**, each time, but not both together.



The program will process only Warehouses corresponding to this selection, from the selections made by other criteria.

When **Starting** (or **Ending** if **Starting** not selected) **Warehouse** is selected, the **Select Only Warehouses** is set according to the type of the selected **Warehouse** (Using Bins or Not), which can be changed after that.

Inventory Inquiry

The bin distribution can be viewed from the **Inventory Inquiry** program under **Inventory Management Main** menu.

Item No. 1001-HON-H252 Description HON 2 DRAWER LETTER FLE W/O LK

1. Main 2. Additional 3. Transactions 4. Inquiry 5. Cost Detail

Product Line WF&A WORKSTATION FURN & ACCESS IT Item... Price Lookup History... Alias...

Product Type Finished Good Weight 35 IT Enabled Lot/Serial... Vendors... Alternate...

Valuation FIFO Volume .0000 Warranty Code 30 DAY Sale Info... Pricing...

Price Code STD Vendor 01-CONT

Retail Price 84.000 Std Cost 32.750 Standard U/M EACH

Std Price 84.000 Avg Cost 34.250 Purchase U/M EACH No. Of EACH 1

Last Sold 05/01/2010 Last Rcpt 05/31/2010 Sales U/M EACH No. Of EACH 1

Whse	On Hand	On PO	On SO	On BO	Committed	On WO	Qty Avail
000	2485.00	1.00	0.00	0.00	0.00	0.00	2485.00
001	992.00	0.00	5.00	0.00	5.00	0.00	987.00
002	1519.00	0.00	12.00	10.00	22.00	0.00	1497.00
098	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Totals	4997.00	1.00	17.00	10.00	27.00	0.00	4970.00

Totals 4997.00 1.00 17.00 10.00 27.00 0.00 4970.00

ABC 4/19/2007

Drill Down

Select a warehouse line and click the **Drill Down** button to display the **Quantity On Hand & Reorder** screen.

Item No. 1001-HON-H252

Warehouse Code 000 CENTRAL WAREHOUSE

Bin Location E-300-10

Reorder Method Economic Quantity

Economic Order Qty 100.00

Reorder Point 40.00

Minimum Order Qty 40.00

Maximum On Hand 300.00

Unit Of Measure EACH

Item Inventory Status

Qty On Hand	2485.00
Qty On Purch Order	1.00
Qty On Sales Order	0.00
Qty On Back Order	0.00
Qty Req For Work Order	0.00
Qty On Work Order	0.00
Total Qty Available	2485.00
Qty in Shipping	0.00
On Hand less in Shipping	2485.00

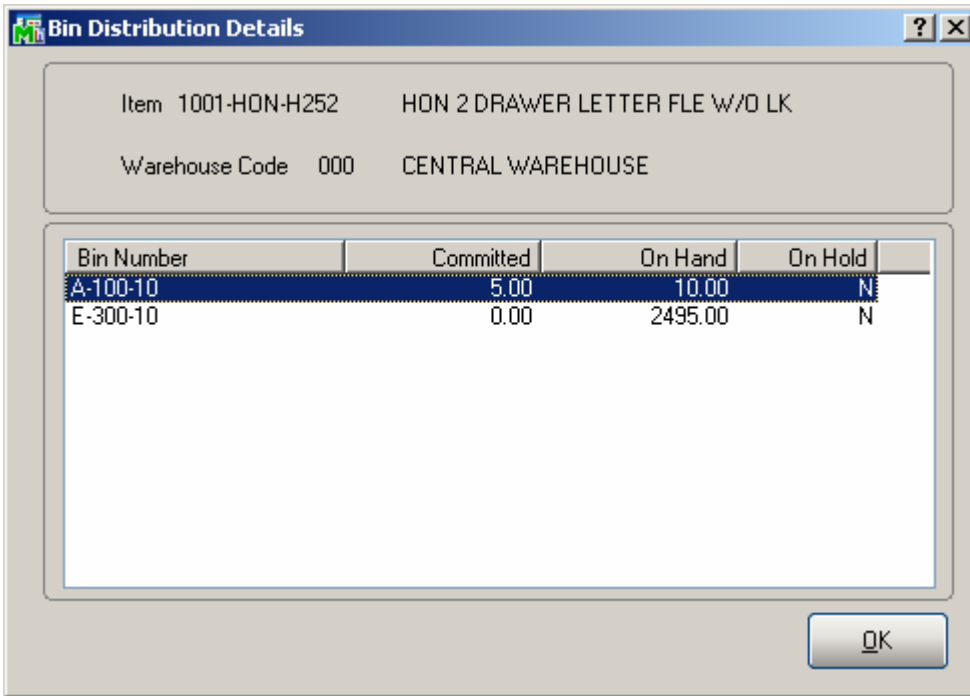
Bin Distribution Details

OK

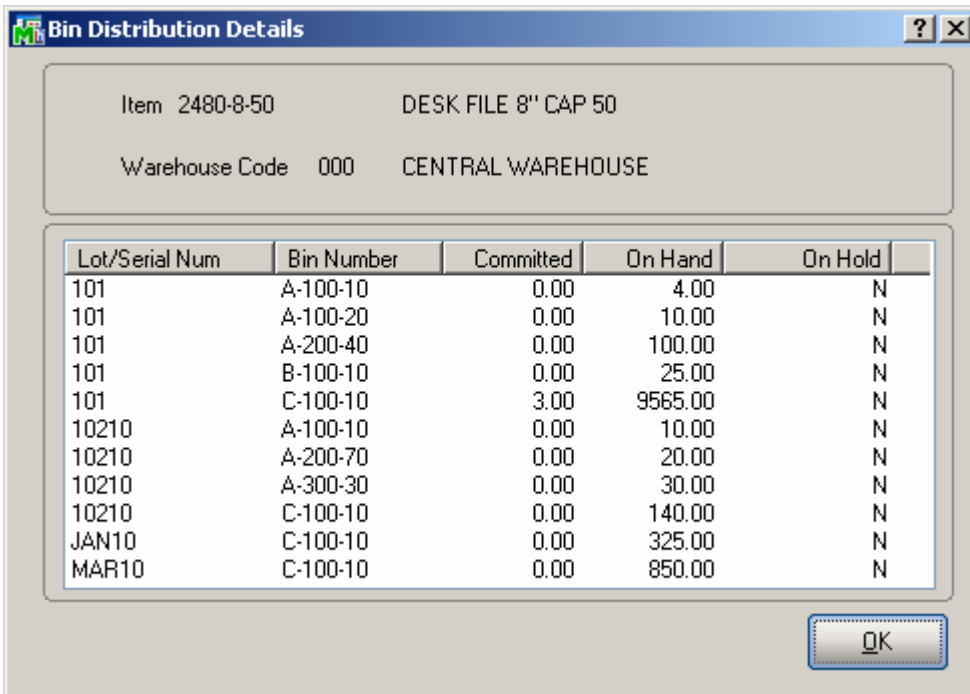
In this screen, click the **Bin Detail** button.

The **Bin Distribution Details** screen will look slightly different for Lot/Serial and non-Lot/Serial items.

For non-Lot/Serial items the screen will look as follows:



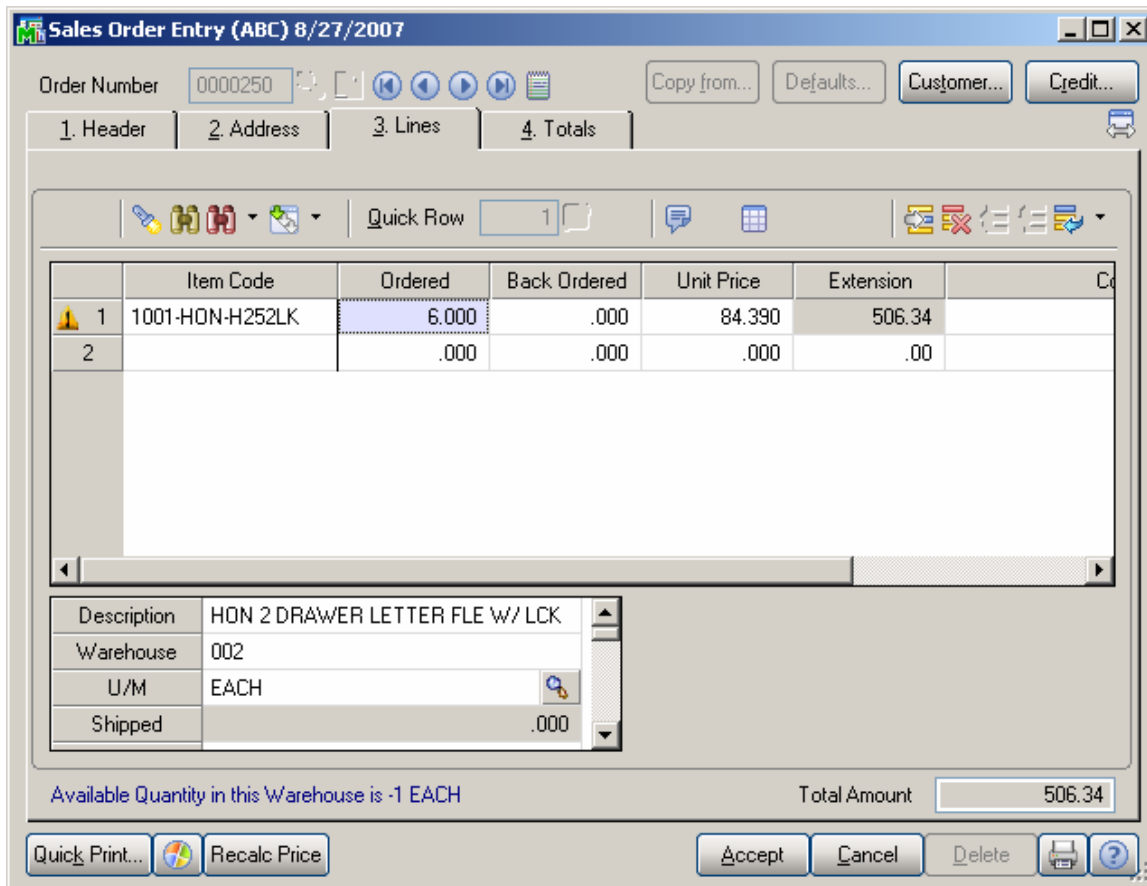
For Lot/Serial items, the information will be displayed by lots/serials:



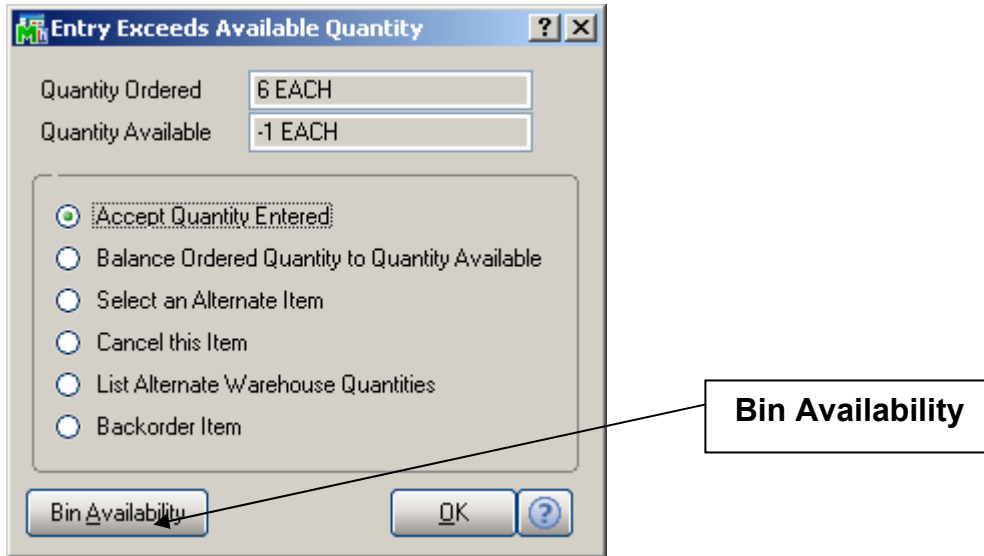
Sales Order Entry

Sometimes if a Warehouse uses Bins, there is some quantity of an item physically present in a Bin, while the Warehouse lookup displays negative quantities. In such case it is useful to be able to view the availability of the item by Bins.

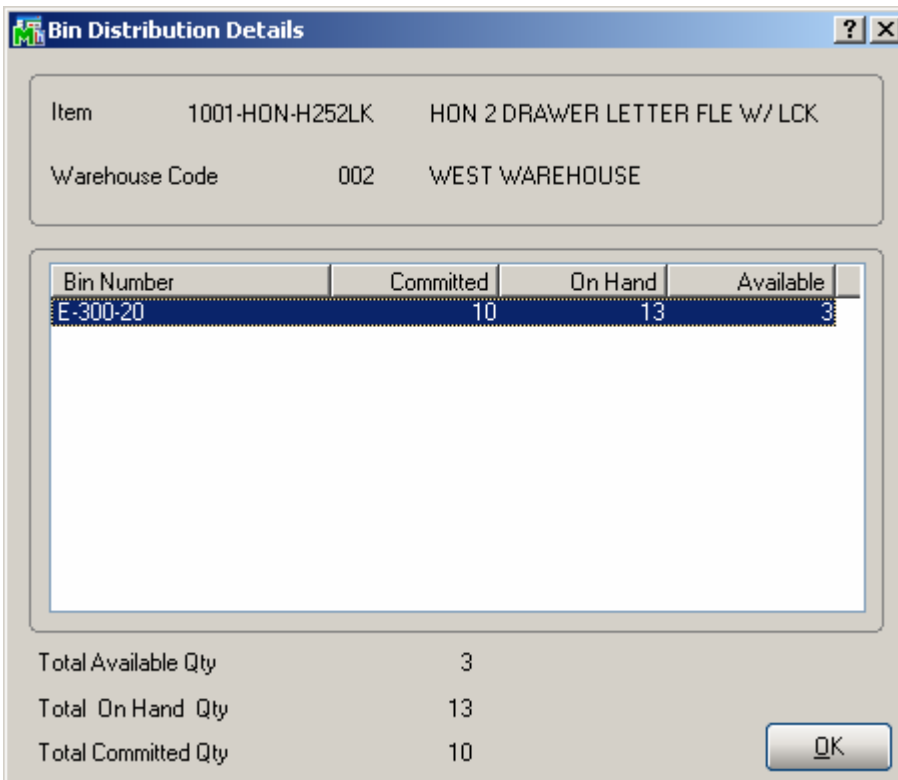
In the **Lines** tab of the **Sales Order Entry** screen, select **Item**, enter **Quantity Ordered**.



If the **Quantity Ordered** exceeds the available one in the selected warehouse the **Entry Exceeds Available Quantity** screen is displayed.

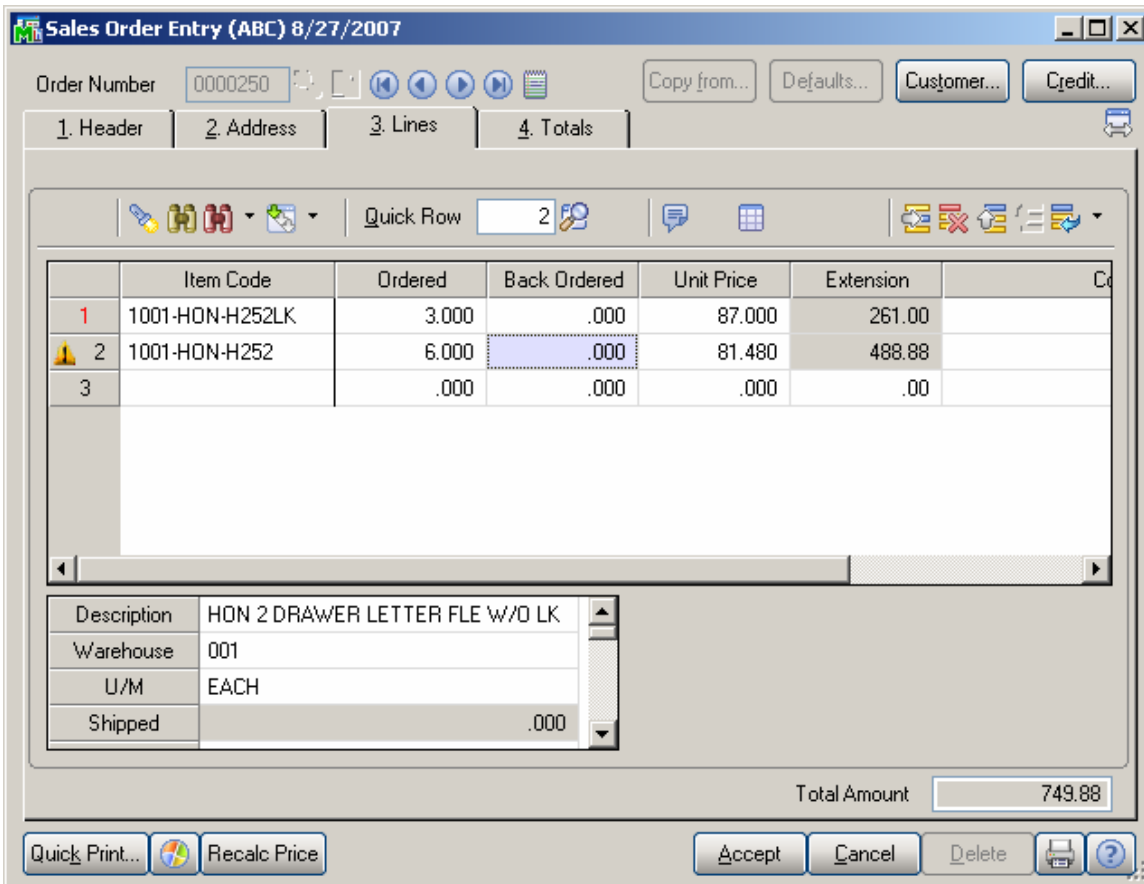


Click the **Bin Availability** button to display the **Bin Distribution Details** screen.



You can see that the real quantity On Hand in the first Bin is sufficient for your order. Click **OK** to accept the line in the Sales Order. The item is distributed automatically (if

corresponding options are set in the Multi-Bin Processing Options program).



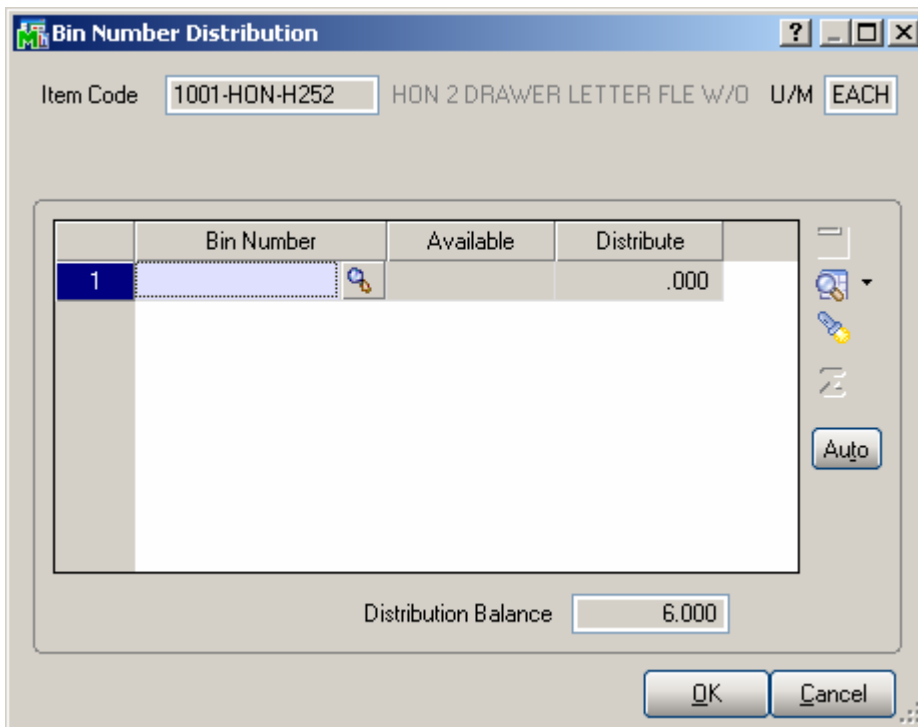
If the sales order has a line with negative distribution balance, it cannot be accepted. The following message is displayed:



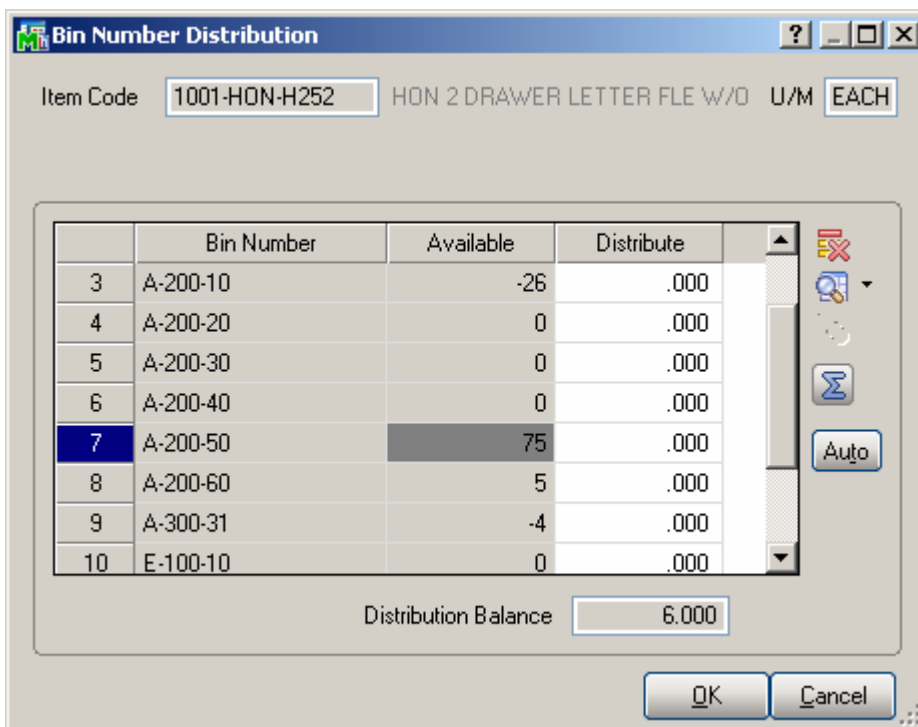
In this case you should either modify the line with negative distribution balance or delete the entire sales order.

The same is true in the **Invoice Data Entry** and also in all entries where bin distribution is available.

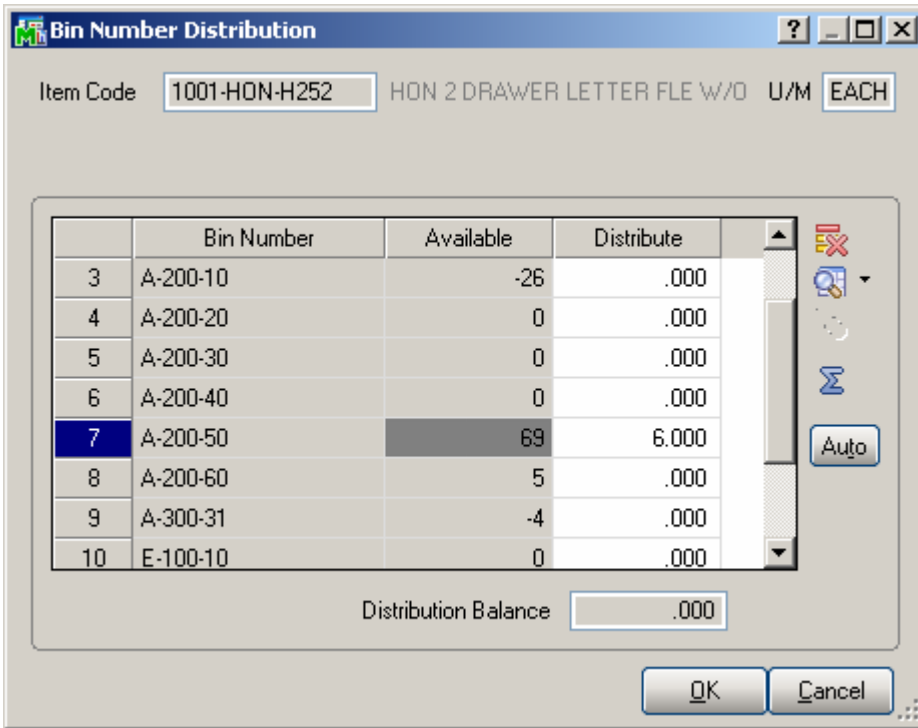
Enter the **Bin Number** to be distributed, or use the **Lookup** button to select from the list.



Select the line and click the **Distribute** button.



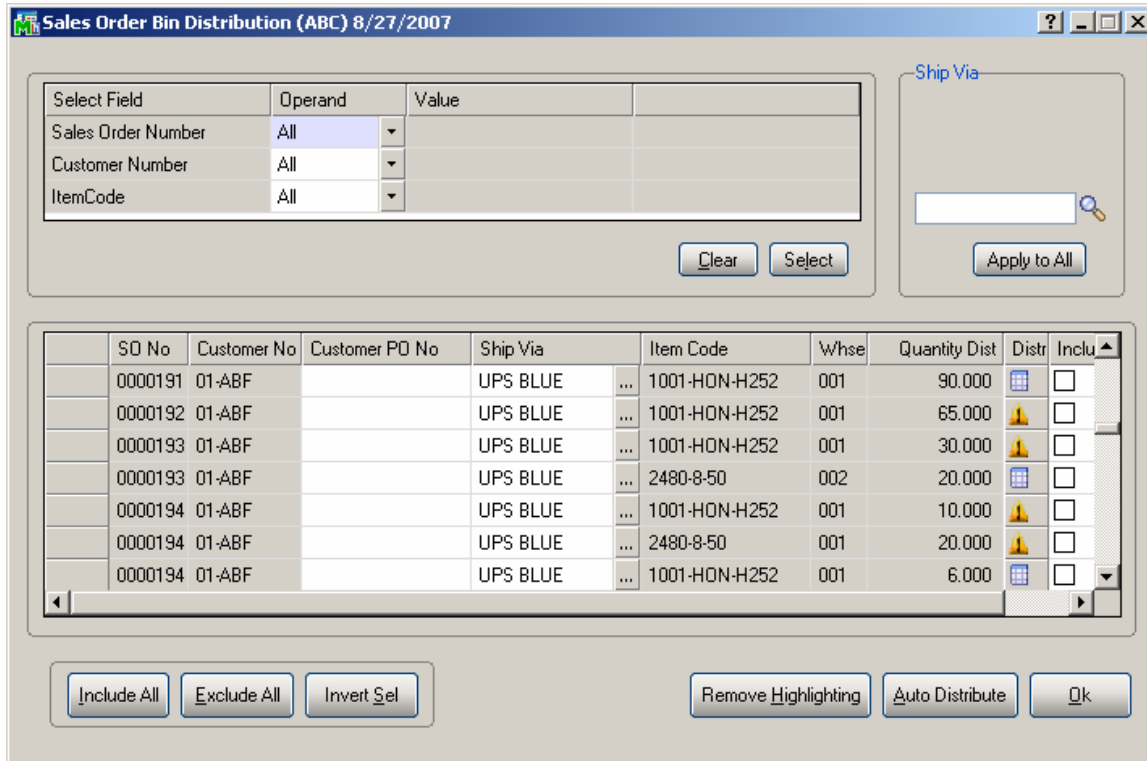
Here is how the entered quantity is distributed.



The **Distribution Balance** is reduced from the **Available** quantity of the selected **Bin Number** and set in the **Distribute** column. If the **Available** quantity of the selected line is negative or zero, that line will be ignored. If the **Available** quantity is less than **Distribution Balance**, the **Available** quantity will be zeroed and the **Distribution Balance** will be reduced correspondingly (the remaining quantity can be distributed farther to other **Bins**).

Sales Order Bin Distribution

The **Sales Order Bin Distribution** program has been added under the **Sales Order Main** menu to allow manual and automatic bin distribution.



Select the range of Sales Orders, Customer Numbers, and Item Numbers to be displayed. Click the **Select** button. A grid will be populated with selected sales order lines.

The **Distr** column shows the button if the bin distribution has not been done for the line, and otherwise. For **Manual Bin Distribution**, choose a line and click the **Distr** button.

The **Bin Distribution Entry** screen will be displayed.
Select the **Bin Number**.

The screenshot shows a software window titled "Bin Number Distribution". At the top, there is a header bar with a question mark, minimize, maximize, and close buttons. Below the header, the "Item Code" is "1001-HON-H252" and the description is "HON 2 DRAWER LETTER FLE W/O U/M EACH".

	Bin Number	Available	Distribute
1	A-100-10	-110	.000
2	A-100-20	-3	1.530
3	A-200-10	-26	.000
4	A-200-20	0	.000
5	A-200-30	0	.000
6	A-200-40	0	.000
7	A-200-50	69	.000
8	A-200-60	5	.000

Below the table, the "Distribution Balance" is shown as 63.470. On the right side of the table, there are several icons: a red X, a magnifying glass, a refresh symbol, a summation symbol, and an "Auto" button. At the bottom of the window, there are "OK" and "Cancel" buttons.

Select the line and click the Distribute button. The logic is the same as it is described for the **Bin Number Distribution** screen in the **Sales Order Entry**.


Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O U/M EACH

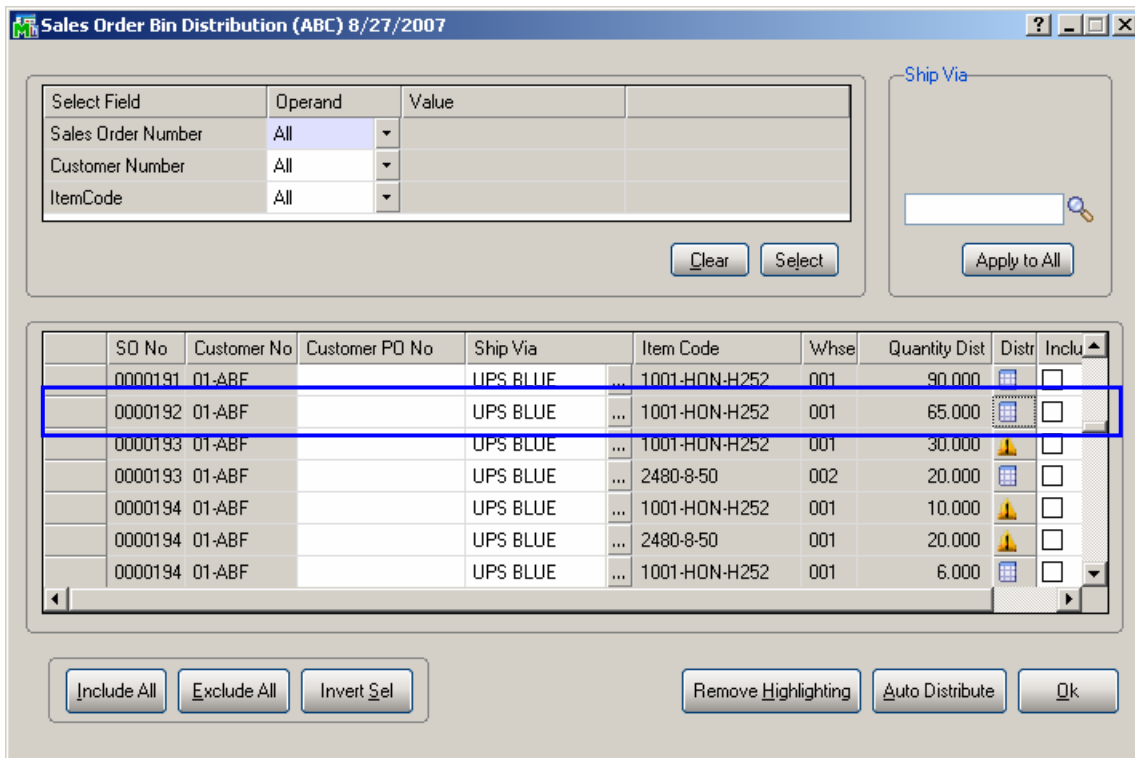
	Bin Number	Available	Distribute
2	A-100-20	-3	1.530
3	A-200-10	-26	.000
4	A-200-20	0	.000
5	A-200-30	0	.000
6	A-200-40	0	.000
7	A-200-50	5.53	63.470
8	A-200-60	5	.000
9	A-300-31	-4	.000

Distribution Balance: .000

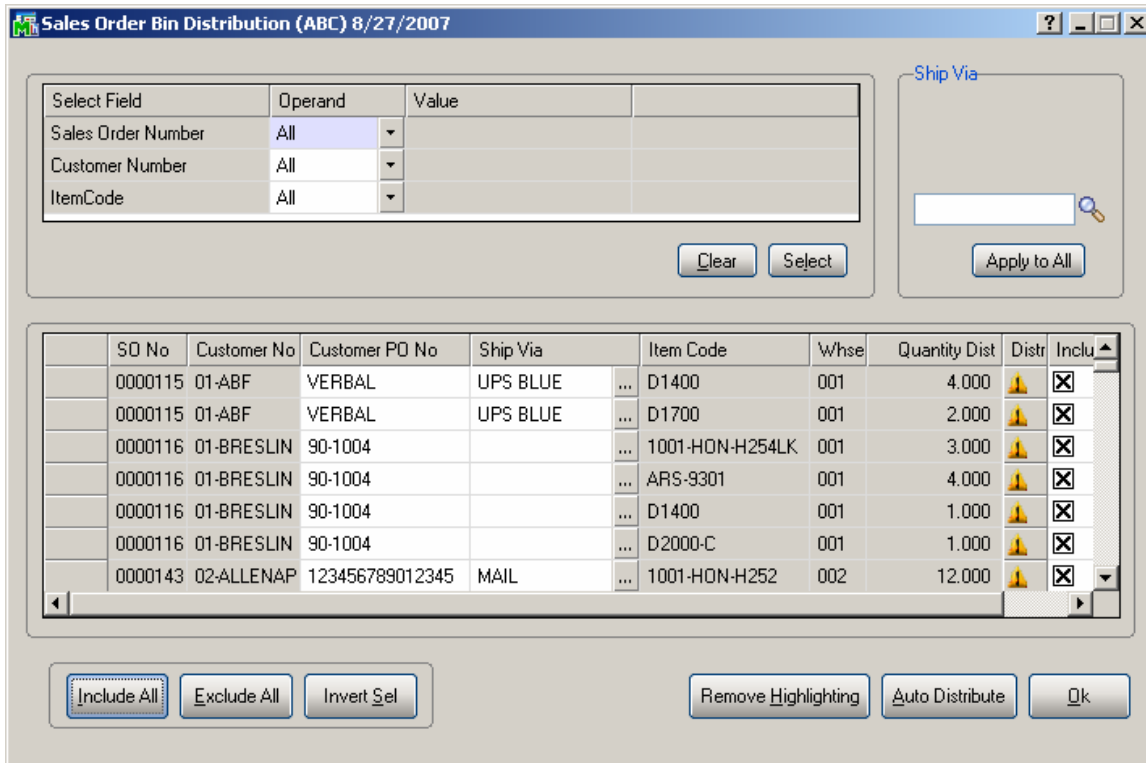
Buttons: OK, Cancel

Click **OK**.

In the **Sales Order Bin Distribution** screen, the **Distr** column for the selected line will be changed to  (Distributed).



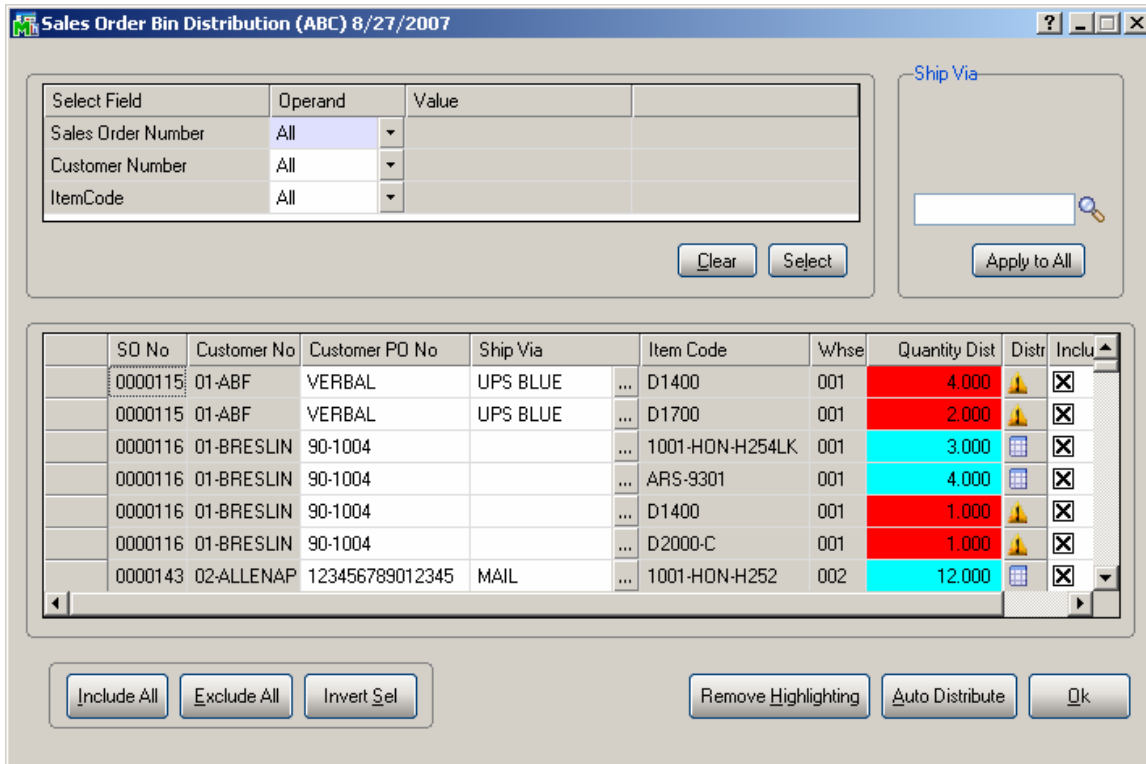
For **Automatic Distribution**, check the **Incl.** box for the lines to be distributed.



Click **Incl All** button for including all lines in the auto distribution. Click **Excl All** button for excluding all lines from distribution. Click **Invert Sel** button for inverting selection.

Click the **Auto Distribute** button.

After **Auto Distribution**, successfully distributed lines are highlighted with cyan, lines for which there is no enough quantity to distribute are highlighted with red.



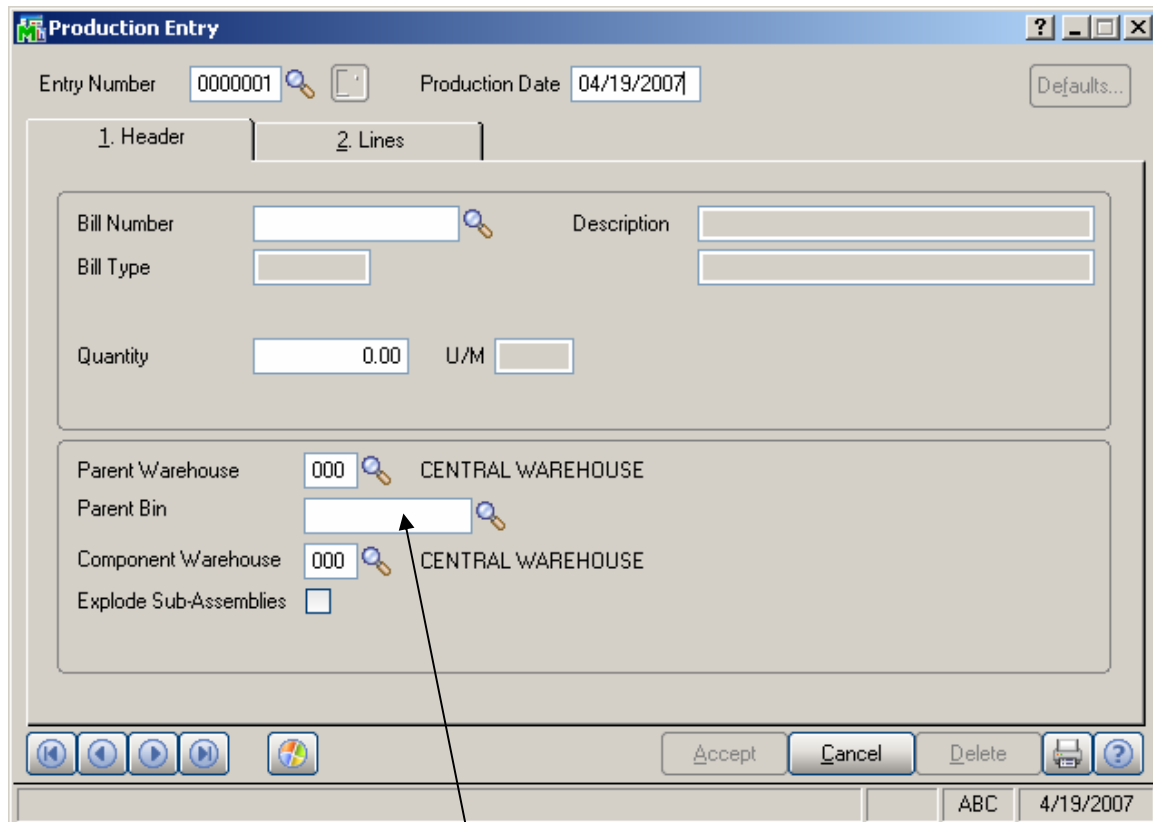
Click the **Remove Highlighting** button to remove all colors from the grid.

The **Customer PO** and **Ship Via** fields can be edited manually for any line in the grid. You can also select the **Ship Via** from the lookup. Changing **Customer PO** and **Ship Via** for any line of the order changes the setting for the entire order.

Alternatively, you can select the **Ship Via** setting in the field at the right top corner of the screen, and click the **Apply to All** button, to change the Ship Via of all the displayed lines to the selected one.

Production Entry

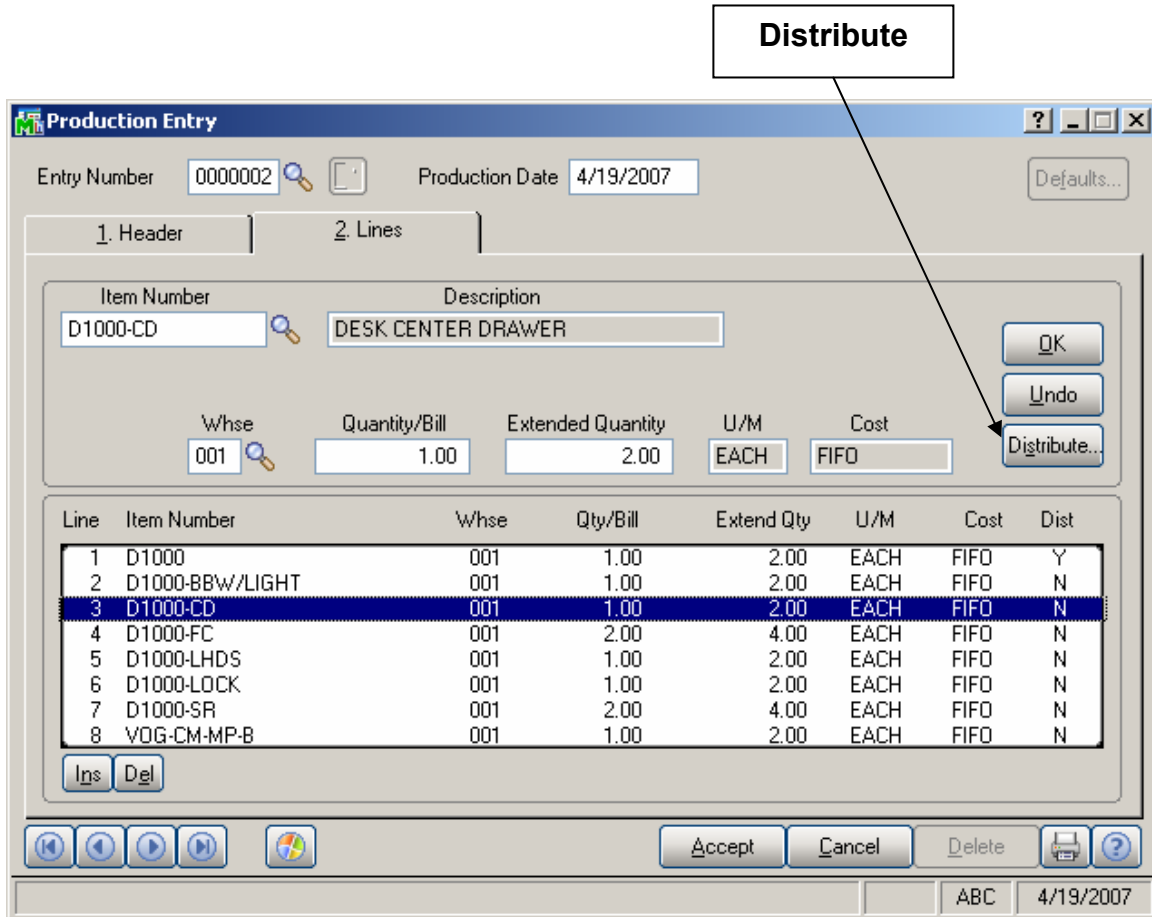
Select the **Production Entry** program under the **Bill of Materials Main** menu.



Parent Bin

In the **Parent Bin** field, enter the Bin in the Parent Warehouse to distribute the finished production to.

In the **Lines** tab, selecting a line that is not distributed yet displays the **Bin Distribution Entry** screen. The distribution can also be viewed by clicking the **Distribute** button.



If the selected line item is a Lot/Serial item, the **Lot/Serial No.- Distribution Entry** screen is displayed first. After distributing the quantity to a lot/serial, the **Bin Distribution Entry** screen is displayed. The **Bin Distribution Entry** screen can be opened manually for the selected Lot Number. Click the **Bin Distribution** button.

Lot/Serial No.- Distribution Entry

Item 2480-8-50 DESK FILE 8" CAP 50 U/M EACH

Lot Number	Available	Distribute
JAN10	160.00	4.00

Buttons: OK, Undo, Range, List..., Accept

Bin Distribution Entry

Item 2480-8-50 DESK FILE 8" CAP 50 U/M

Lot/Serial Number JAN10 Whse 001

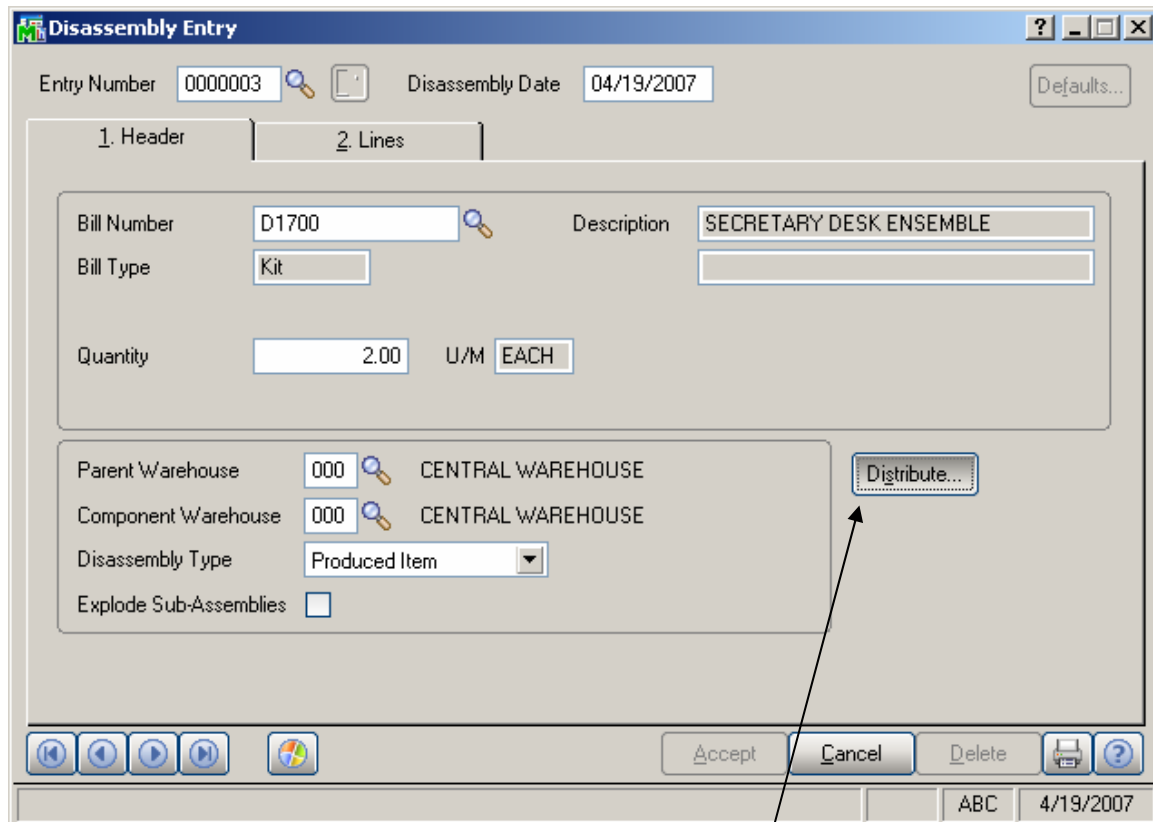
Bin Number	Available	Distribute
C-100-10	160.00	4.00

Buttons: OK, Undo, List..., Accept

Selected Warehouse and Lot/Serial Number are displayed in the Bin Distribution screen, as well as the Item Number.

Disassembly Entry

Select the **Disassembly Entry** program under the **Bill of Materials Main** menu.



Distribute

Click the **Distribute** button to distribute the entered quantity from bins.

In the **Lines** tab, the **Bin Distribution Entry** screen works similar to everywhere else. The **Warehouse Bin List** button displays a list of bins that don't have distributed quantity yet.

Return Merchandise Authorization

The **Bin Distribution Entry** screen in the **Return Merchandise Authorization Entry** and **Return Merchandise Receipt Entry** programs works similar to everywhere else.

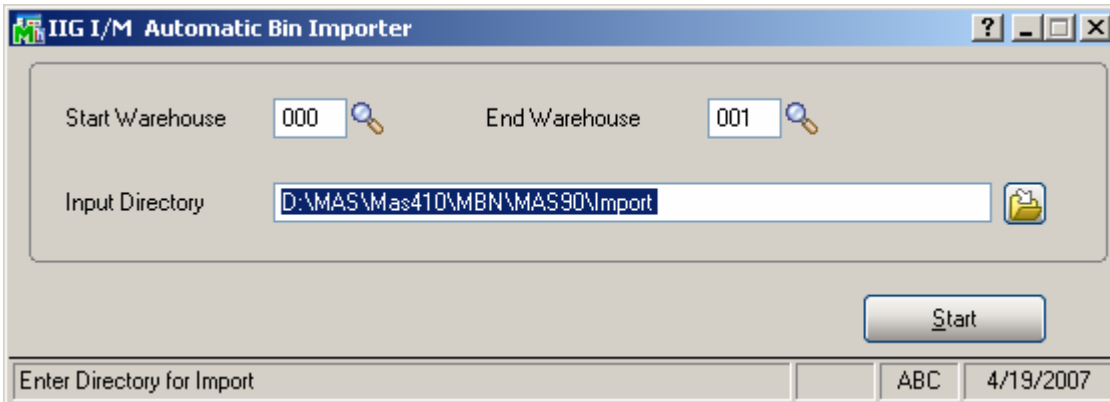
Bin distribution is only available in the **Return Merchandise Authorization** module, if the **Sales Order Entry Commits Inventory in Bin** box is checked in the **Multi-Bin Processing Options**.

When a **Credit Memo** is generated from RMA Receipt Entry, the Bin Distribution of the Receipt is transferred to the Credit Memo.

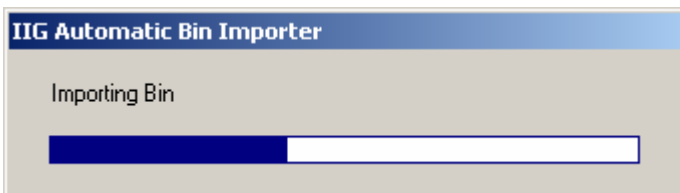
When a **Sales Order** is generated from RMA Receipt Entry, the Bin Distribution is done automatically or not, based on the **Multi-Bin Processing Options**.

IIG Automatic Bin Importer

The **IIG Automatic Bin Importer** program has been added under the **Setup** menu of the **Inventory Management** module.



Enter the **Start Warehouse**, and **End Warehouse**. Specify the **Input Directory** for the imported file and Click **Start**.



The imported file must have the following format:

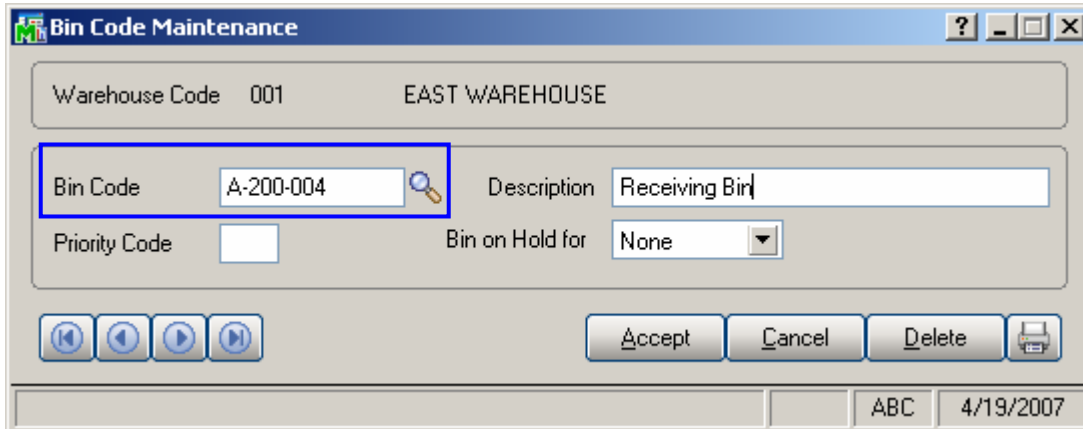
1. file extension must be .csv;
2. each record must consists of
 - Warehouse number (up to 3 characters)
 - Bin number (up to 10 characters)
 - Bin description (up to 30 characters)

	A	B	C	D
1	001	A-200-004	Receiving Bin	
2	002	B-120-005	Bin for production	
3	000	C-205-003	Default Bin	
4				
5				
6				

In case the import is completed successfully, the imported file extension is changed to .old.

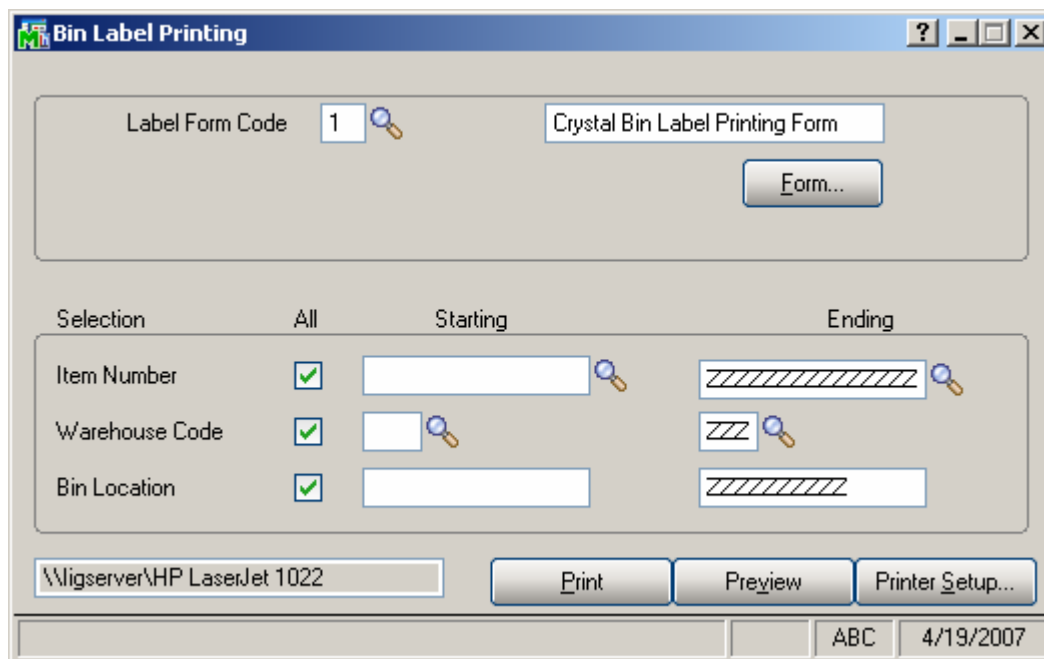
If the **Use Bin** isn't checked in the **Warehouse Code Maintenance** for the selected Warehouse, bins will be skipped while importing.

Here is the example of imported bin:



Bin Label Printing

The **Bin Label Printing** program added under the **Reports** Menu of the **Inventory Management** module enables printing **Bin Labels**.

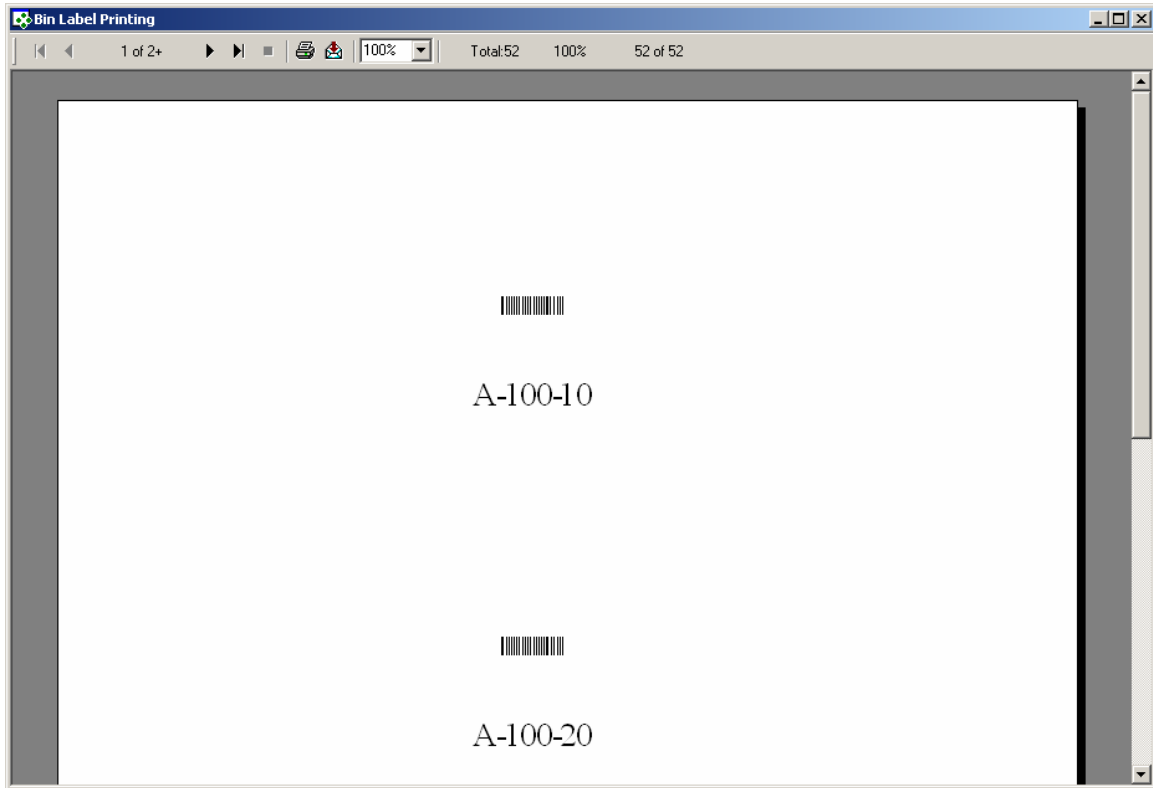


The **Bin Label** can be filtered based on the following **Selection** criteria: Item Number, Warehouse Code and Bin Location.

If the **All** box is checked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Warehouses.

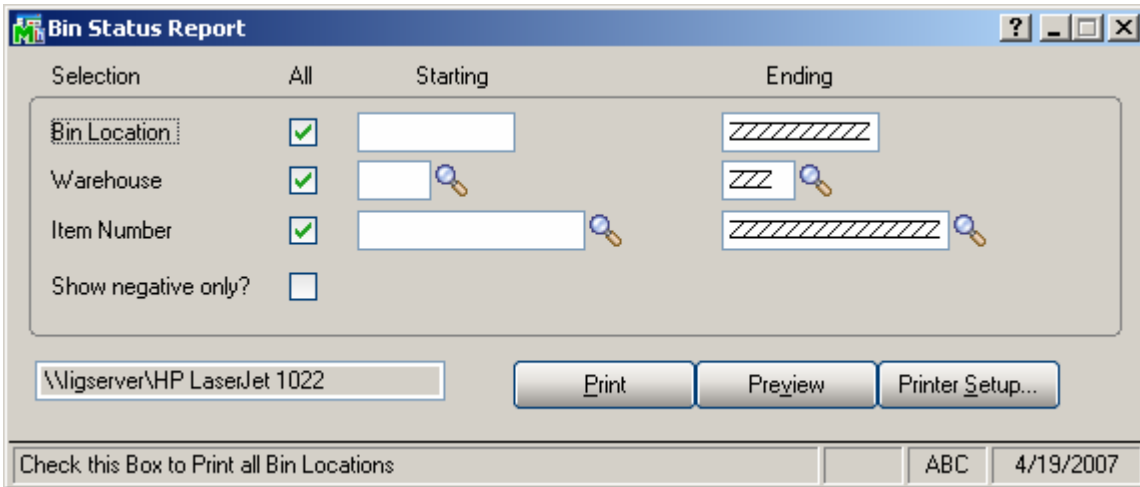
If the **All** box is unchecked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Items.

Here is an example of printout.



Bin Status Report

The **Bin Status Report** program added under the **Reports** Menu of the **Inventory Management** module enables printing **Bin Status Report**.



The **Bin Status Report** can be filtered based on the following **Selection** criteria: Item Number, Warehouse Code and Bin Location.

If the **All** box is checked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Warehouses.

If the **All** box is unchecked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Items.

Bin Status Report

ABC Distribution and Service Corp.

BIN STATUS REPORT

WAREHOUSE: 000 CENTRAL WAREHOUSE

BIN LOC	ITEM NUMBER	DESCRIPTION	U/M	QUANTITY ON HAND
A-100-10	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	EACH	10.00
	2480-8-50	DESK FILE 8" CAP 50	EACH	14.00
		LOT NO: 101		4.00
		LOT NO: 10210		10.00
	PFS-004-CABLE	EIA RS232 CABLE 4 CONDUCTOR	FT	12792.00
A-100-20	2480-8-50	DESK FILE 8" CAP 50	EACH	10.00
		LOT NO: 101		10.00
	PFS-007-CABLE	EIA RS232 CABLE 7 CONDUCTOR	FT	12000.25
A-200-10	GB-EQ380-5-MM	CENTRONICS CABLE 5 FT M/M	EACH	235.00
A-200-20	GB-EQ380-5-MF	CENTRONICS CABLE 5 FT M/F	EACH	112.00
A-200-30	GB-EQ380-10-MM	CENTRONICS CABLE 10 FT M/M	EACH	147.00

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If the **Show negative only?** check box is selected, then the Items having only negative Quantity On Hand will be printed.

Bin Status Report

ABC Distribution and Service Corp.

BIN STATUS REPORT

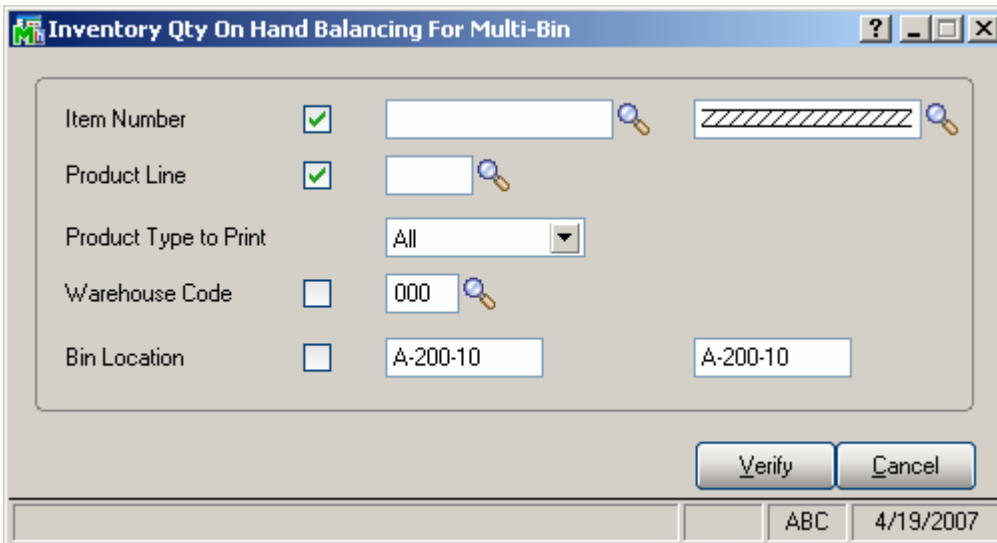
WAREHOUSE: 001 EAST WAREHOUSE

BIN LOC	ITEM NUMBER	DESCRIPTION	U/M	QUANTITY ON HAND
A-200-10	GB-EQ380-5-MM	CENTRONICS CABLE 5 FT M/M	EACH	6.00-
DEFAULT	D1000	DESK 72" X 30"	EACH	350.00-
	D1000-BBWLIGHT	BOOK BIN W/FLUORESCENT LIGHT	EACH	1.00-
E-200-10	ARS-9201	ART SPECIALTY GINGER JAR LAMP	EACH	17.00-
E-200-20	ARS-9101	ART SPECIALTY WALNUT CNDL LAMP	EACH	1.00-
E-200-40	ARS-9401	ART SPECIALTY EMP CANDLE LAMP	EACH	1.00-

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Inventory Qty On Hand Balancing For Multi-Bin

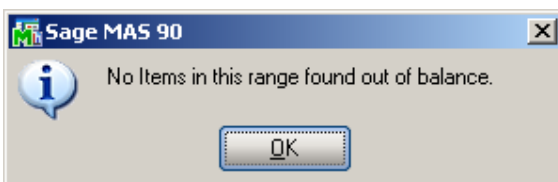
The **Inventory Bin Balancing Utility** program has been added to the **Setup** menu of the **Inventory Management** module to balance the Inventory Quantities on Hand in the I/M Warehouse Details (*IM2*), the I/M Cost Details (*IM3*), and the I/M Bin Details (*IM_BN*) files.



In this screen you can specify data ranges by **Item Number**, **Product Line**, **Warehouse Code**, and **Bin Location** for balancing. You can also select the **Product Type to Print** from the corresponding drop-down box (you can select *All*, *Finished Goods*, *Raw Materials*, or *Discontinued*).

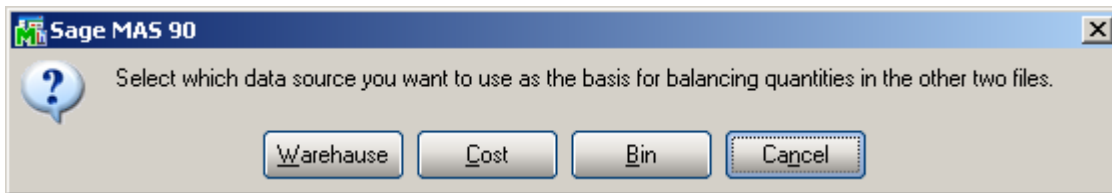
Click the **Verify** button.

If there are no differences in quantities in these three files, you will get the following message:

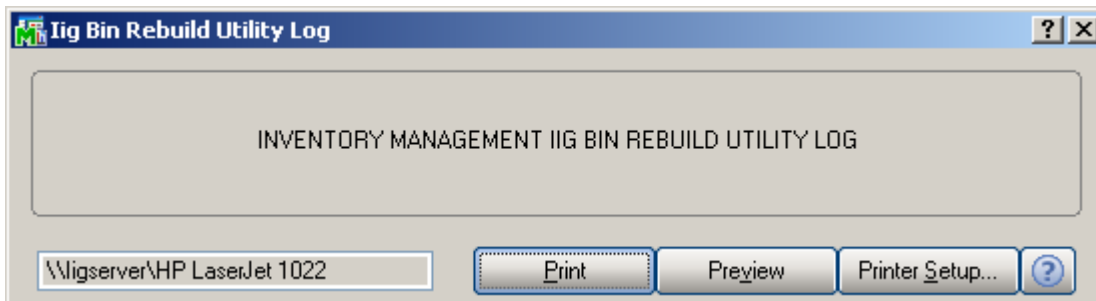


In case of differences in quantities, select which file you will use as a basis to correct the other two files. Your options are:

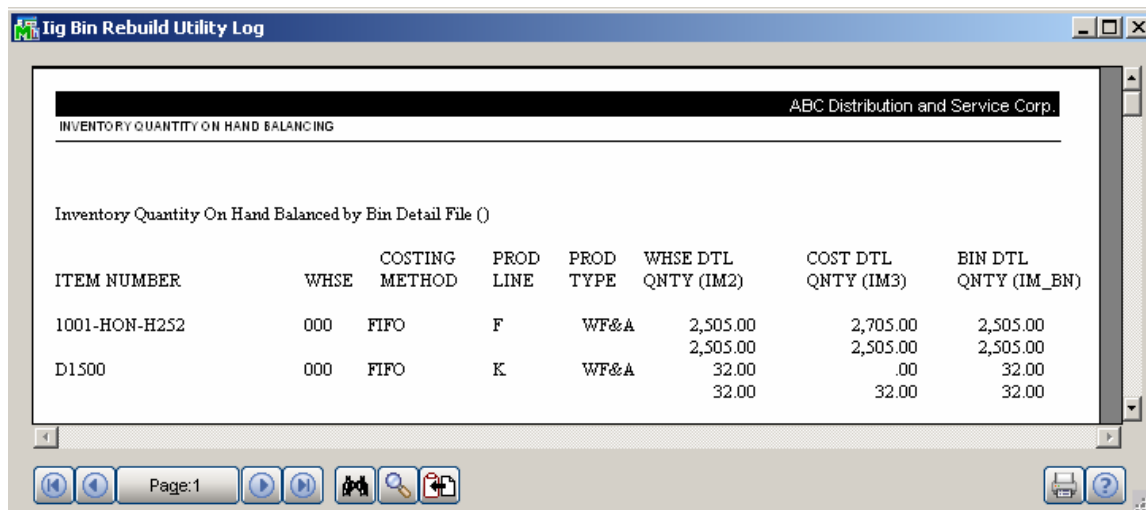
- **Warehouse** - This will balance the quantities in the I/M Cost Detail File (IM3) and the I/M Bin Detail (IM_BN) file based on the quantities in the I/M Warehouse Detail file (IM2).
- **Cost** - This will use the I/M Cost Detail (IM3) file to balance the quantities in the other two files.
- **Bin** - This will use the I/M Bin Detail (IM_BN) file to balance the quantities in the other two files.



After the program adjusts the quantities, the **IIG Bin Rebuild Utility** log will print.



Here is the result of printout (IIG Bin Rebuild Utility Log):



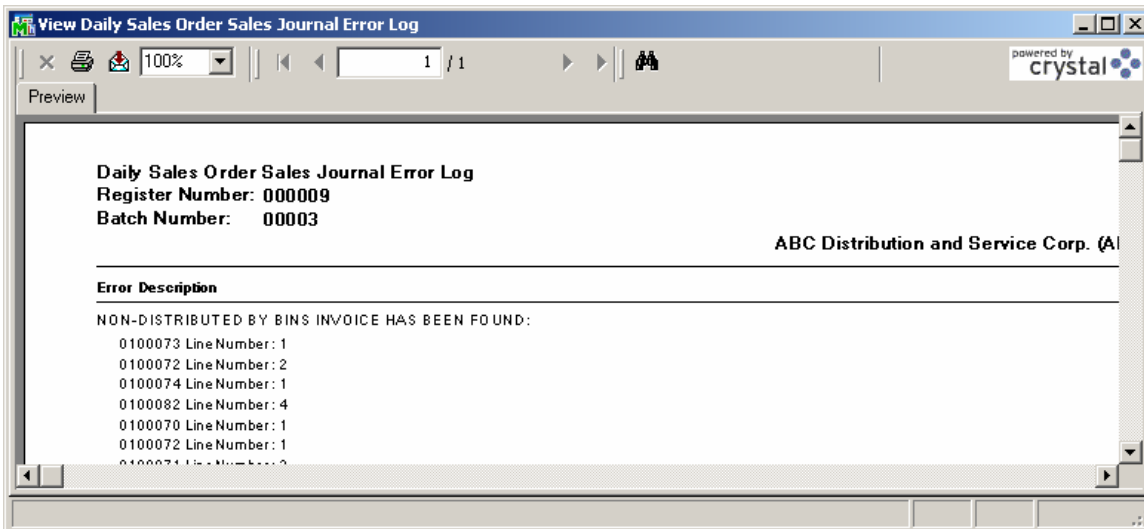
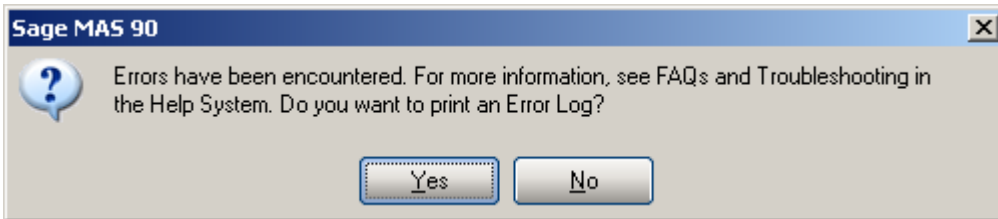
The screenshot shows a window titled "Iig Bin Rebuild Utility Log" for "ABC Distribution and Service Corp.". The main content is a table titled "Inventory Quantity On Hand Balanced by Bin Detail File ()". The table has the following columns: ITEM NUMBER, WHSE, COSTING METHOD, PROD LINE, PROD TYPE, WHSE DTL QNTY (IM2), COST DTL QNTY (IM3), and BIN DTL QNTY (IM_BN). The data rows are as follows:

ITEM NUMBER	WHSE	COSTING METHOD	PROD LINE	PROD TYPE	WHSE DTL QNTY (IM2)	COST DTL QNTY (IM3)	BIN DTL QNTY (IM_BN)
1001-HON-H252	000	FIFO	F	WF&A	2,505.00	2,705.00	2,505.00
					2,505.00	2,505.00	2,505.00
D1500	000	FIFO	K	WF&A	32.00	.00	32.00
					32.00	32.00	32.00

Note: This utility updates the quantities in the detail files, and does not update the G/L. Differences in the quantities of Lot/Serial numbers will be ignored, and this utility will not have any effect on I/M transactions (IM5). This utility will not work for Lot/Serial Items.

Daily Sales Reports/Updates

If there are Invoices with lines (from Warehouse(s) with Bins) not distributed or distributed partially then the **Daily Sales Reports/Updates** is interrupted and error log is printed while updating the Sales Journal.



Bin Transfer Entry

The **Bin Transfer Entry** program has been added under the **Inventory Management Main** menu to allow transferring Item quantities from one bin to another within the selected warehouse.

Warehouse Code: 000 CENTRAL WAREHOUSE

Item Number: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK

From bin: E-300-10

Quantity to Transfer: 5.00 Available Quantity: 2381.00

To bin: A-200-40

Whse	Item Number	Lot/Serial	From Bin	Qty	To Bin
000	1001-HON-H252		E-300-10	5.00	A-200-40
000	1001-HON-H252		E-300-10	42.00	A-300-40
000	1001-HON-H252		E-300-10	14.00	B-100-20
000	1001-HON-H252		E-300-10	45.00	C-100-30
000	1001-HON-H252LK		E-300-20	20.00	C-200-20

Keep Warehouse Keep Bin Keep Item

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Select **Warehouse Code** and **Item Number** in the corresponding fields.

In the **From bin** field specify the warehouse from which the quantity is going to be transferred and in the **To bin** field specify the warehouse where the quantity is going to be populated.

Specify the **Quantity to Transfer** in the corresponding field.

If the **Keep Warehouse, Keep Bin, Keep Item** check boxes are selected, the **Warehouse, Item Number** and **From bin** fields' values will stay after clicking **OK**.

Click the **Print** button to print/preview the **Item Bin Transfer** report.

After closing the printout, a confirmation box appears asking whether to transfer or not.

Warehouse Code	Warehouse Description	Item Number	Item Description	Lot/Serial Number	From Bin Number	From Bin Description	Transfer Qty	To Bin Number	To Bin Description
000	CENTRAL WAREHOUSE	1001-HON H252	HON 2 DRAWER LE'		E 300-10	Original bin location	5.00	A 200-40	Original bin locatio:
000	CENTRAL WAREHOUSE	1001-HON H252	HON 2 DRAWER LE'		E 300-10	Original bin location	42.00	A 300-40	Original bin locatio:
000	CENTRAL WAREHOUSE	1001-HON H252	HON 2 DRAWER LE'		E 300-10	Original bin location	14.00	B 100-20	Original bin locatio:
000	CENTRAL WAREHOUSE	1001-HON H252	HON 2 DRAWER LE'		E 300-10	Original bin location	45.00	C 100-30	Original bin locatio:
000	CENTRAL WAREHOUSE	1001-HON H252LK	HON 2 DRAWER LE'		E 300-20	Original bin location	20.00	C 200-20	Original bin locatio:
	CENTRAL WAREHOUSE		HON 2 DRAWER LE'			Original bin location			Original bin locatio:

After clicking **Yes**, the Items will be transferred.

Auto Generate Invoice Selection

The **Auto distribute by bin location** check box has been added to the **Auto Generate Invoice Selection** screen. This check box will be disabled if the **Ship Invoice Complete** box is not selected.

Select Field	Operand	Value
Sales Order Number	All	
Sales Order Date	All	
Customer Number	All	
Salesperson	All	
Cycle Code	All	
Ship Date	All	
Promise Date	All	

If the **Auto distribute by bin location** check box is selected, all the ordered quantities will be shipped during generation. Otherwise, if that box is not selected, only the quantities will be shipped which have been distributed in Sales Order. If the quantities have not been distributed, the ship quantities will be 0 for each line.