



Multi-Bin Processing For MAS 90/200

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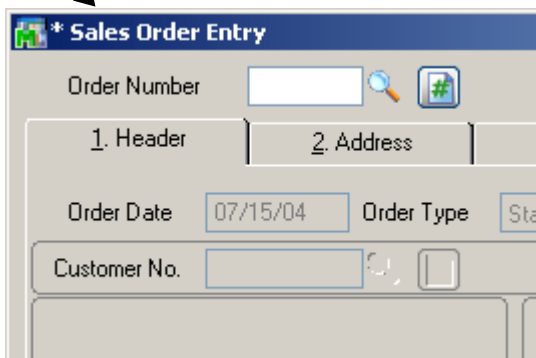
Installation Instructions and Cautions

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	Status
IIG Enhancement Name	4.0	07/19/04	AAAAAAAAAAAAAAAAAA	BBBBBB	Invalid

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.

IIG Registration Form can be printed by using the **Print Registration Form** button.

Introduction

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

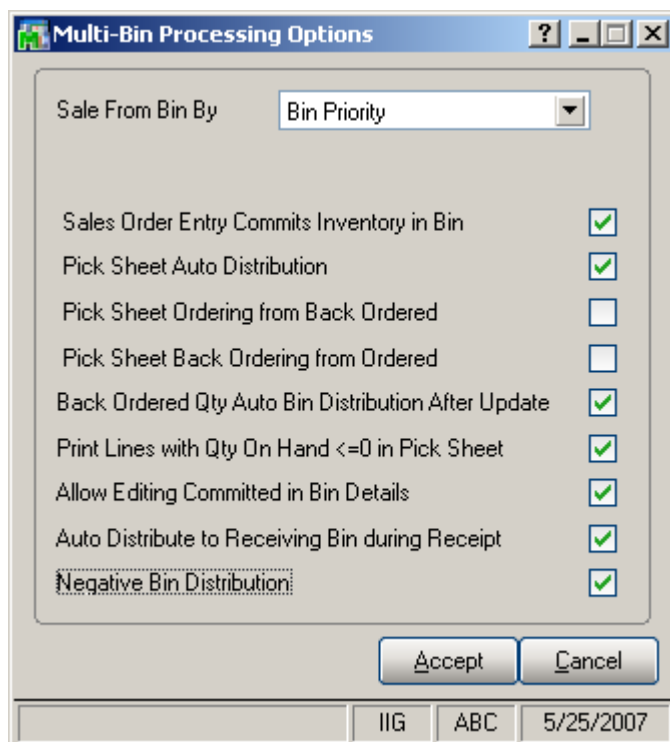
Multi-Bin Processing Options

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.

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. Negative quantities can be distributed only to the bins having quantities for the Item formerly.

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.

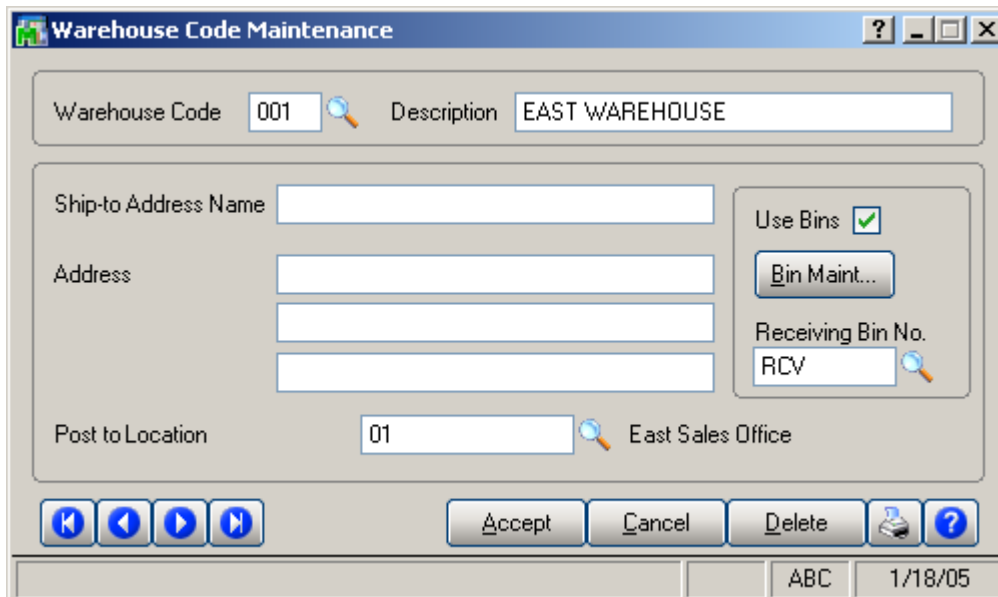
Before running SWBINI program please make sure:

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

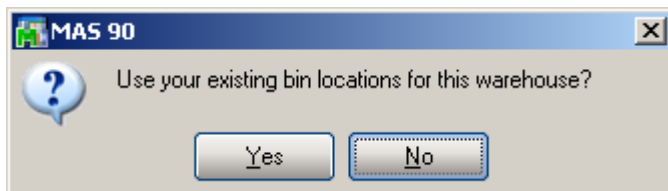
Select the **Warehouse Code Maintenance** program under the **Inventory Management Setup** menu.



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 by default.

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

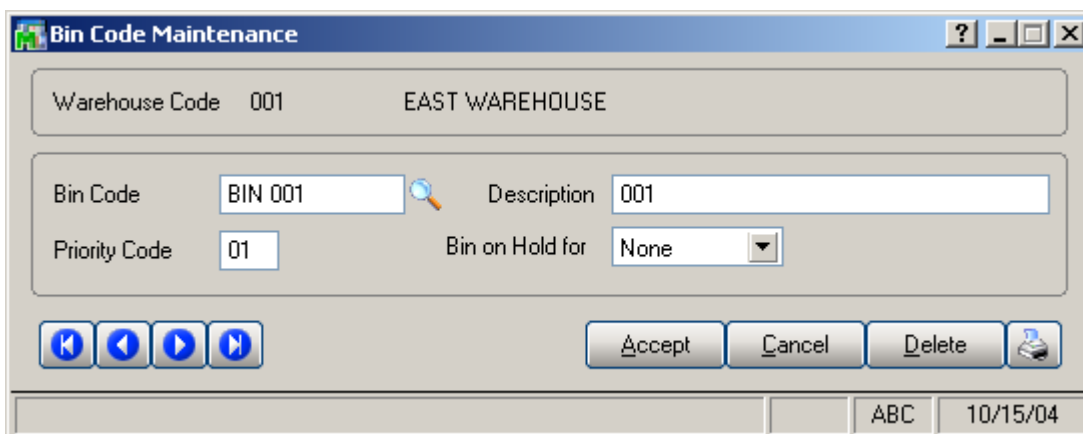
Note that if the **Use Bins** option is cleared for a **Warehouse**, the entire **Bin Information** (Bin Numbers, Item Quantities for Bins) will be cleared, and you will not be available to restore it.

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	Distribute
<input type="text"/>	0.00	0.00

OK Undo

Bin Number	Available	Distribute
<input type="text"/>		

List... Auto...

Distribution Balance 20.00

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.

Bin Distribution Entry

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

Bin Number Available Receive

0.00 0.00

OK

Undo

Whse Bin List

Bin Number Available Distribute

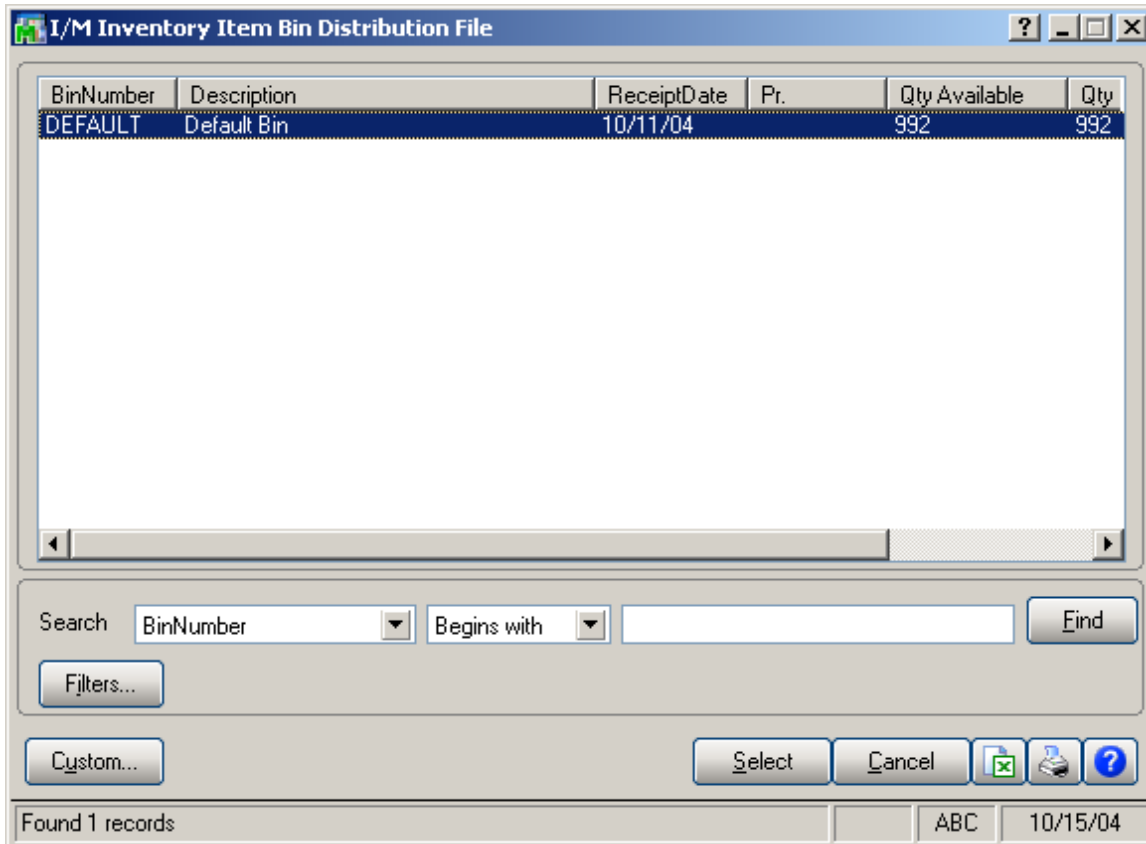
List...

Distribution Balance 35.00

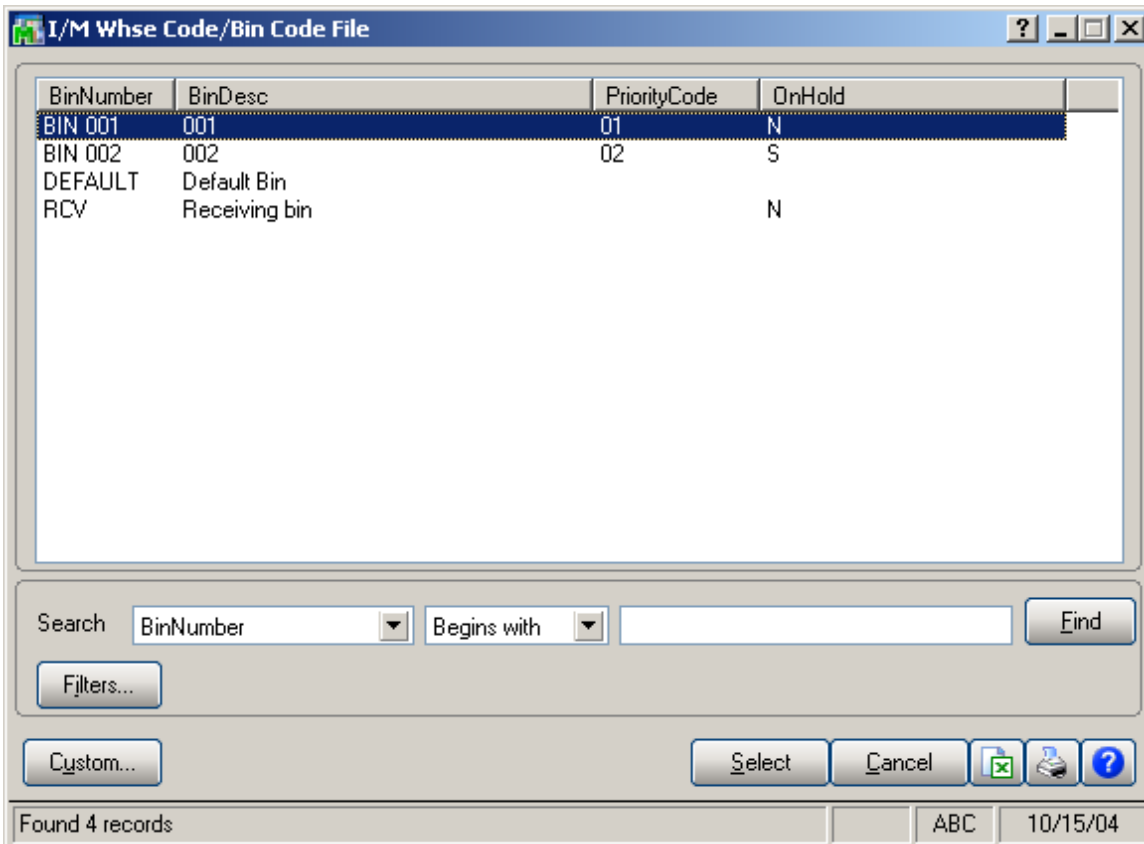
Accept

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):

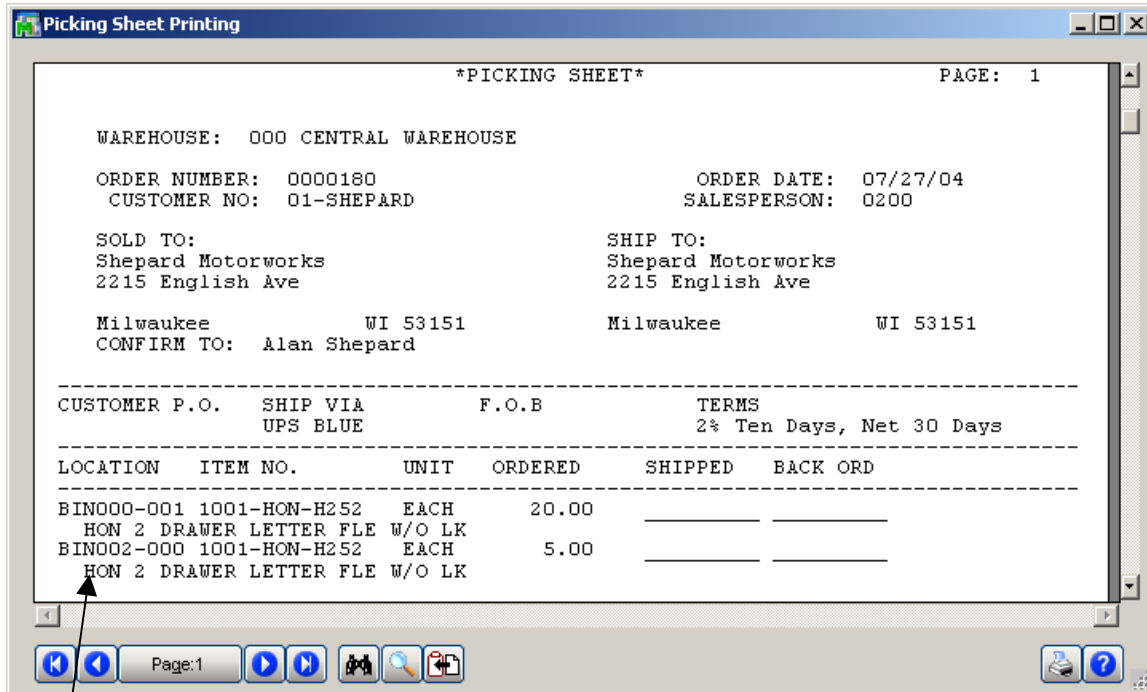


Here is the list displayed by the Warehouse Bin List button:



Printings

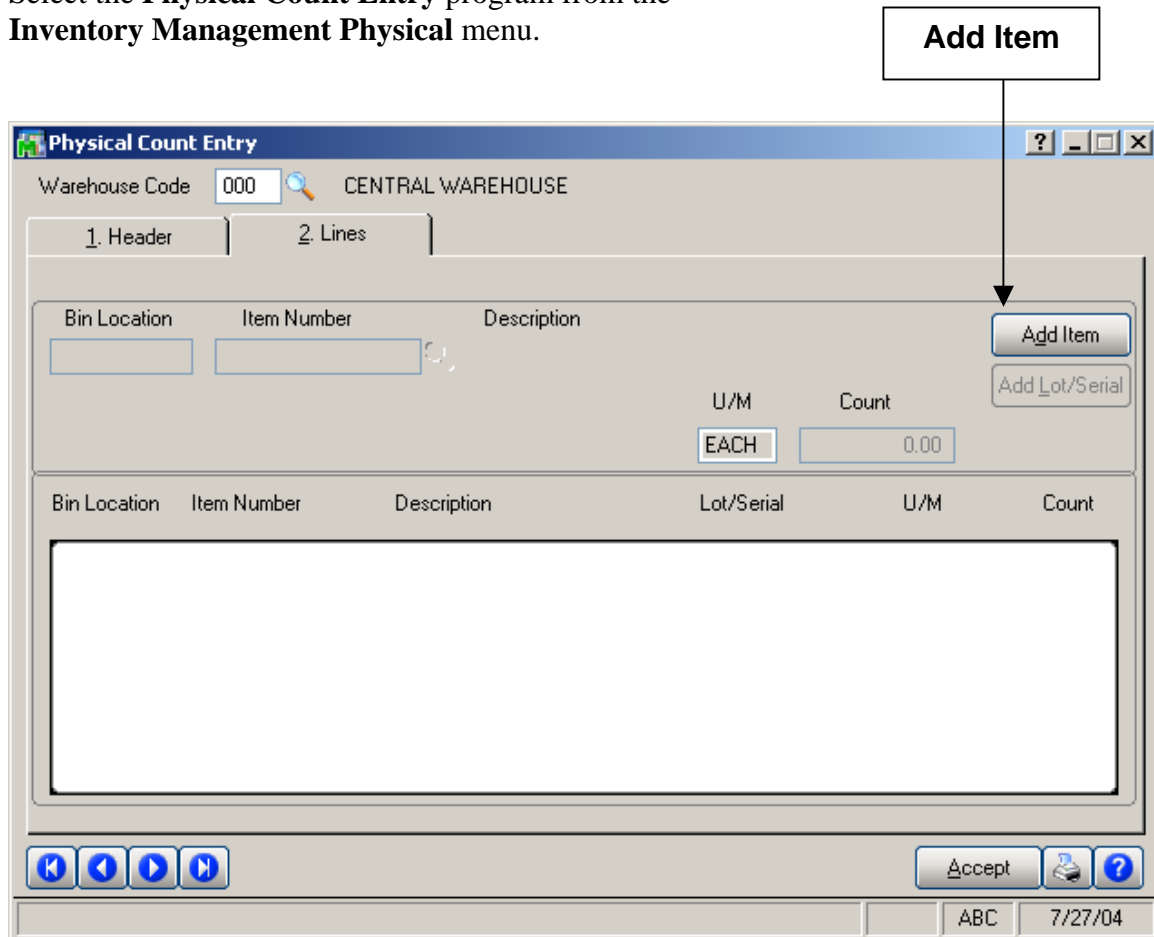
The **Picking Sheet Printing** program has been modified to display specified bins for items, for the warehouses using bins.



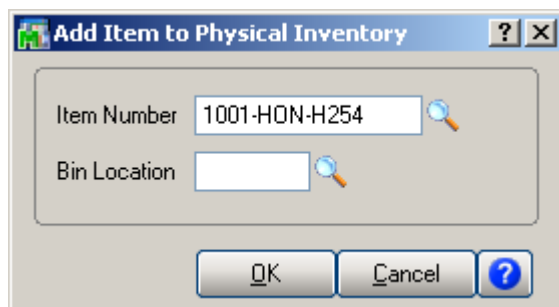
The bin locations are also printed while updating the **Inventory Management Transaction Journal** and **Purchase Order Daily Receipt Registers/Update**.

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** 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.

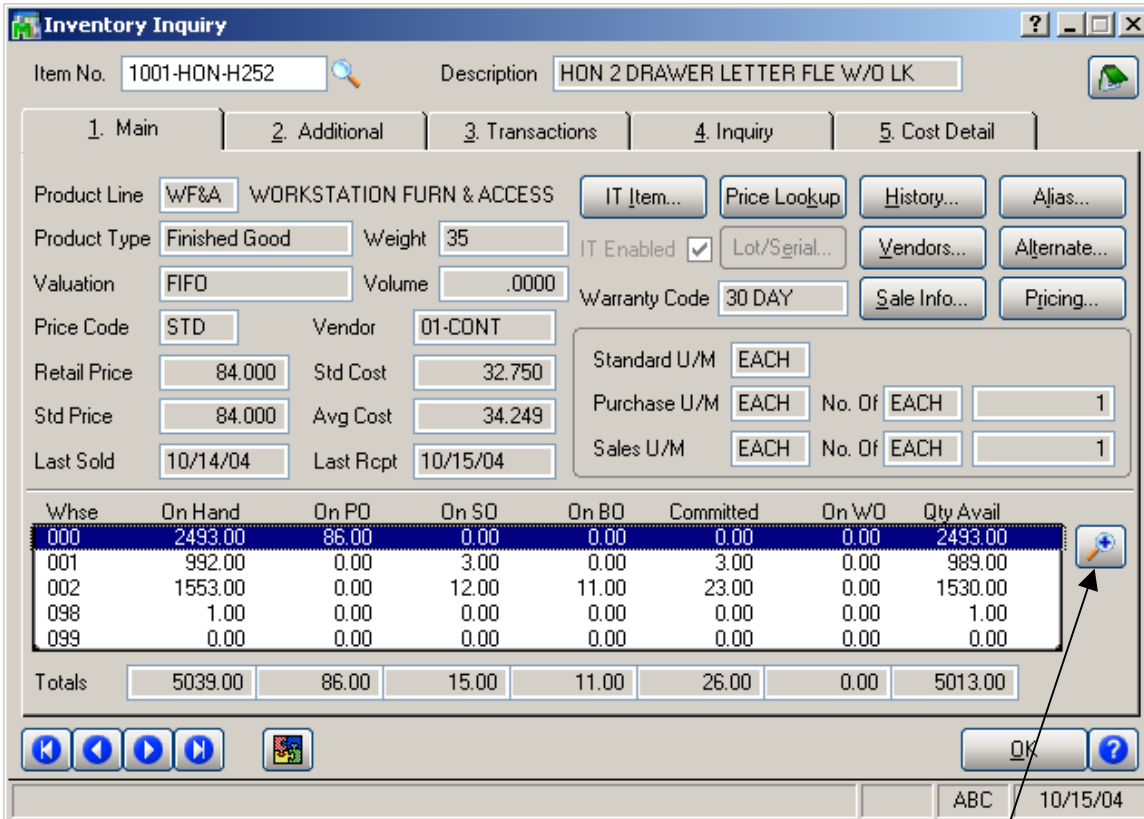
Selection	All	Starting	Ending
Item Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bin Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warehouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product Line	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.



Drill Down

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

Quantity On Hand & Reorder

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

Item Inventory Status

Unit Of Measure EACH

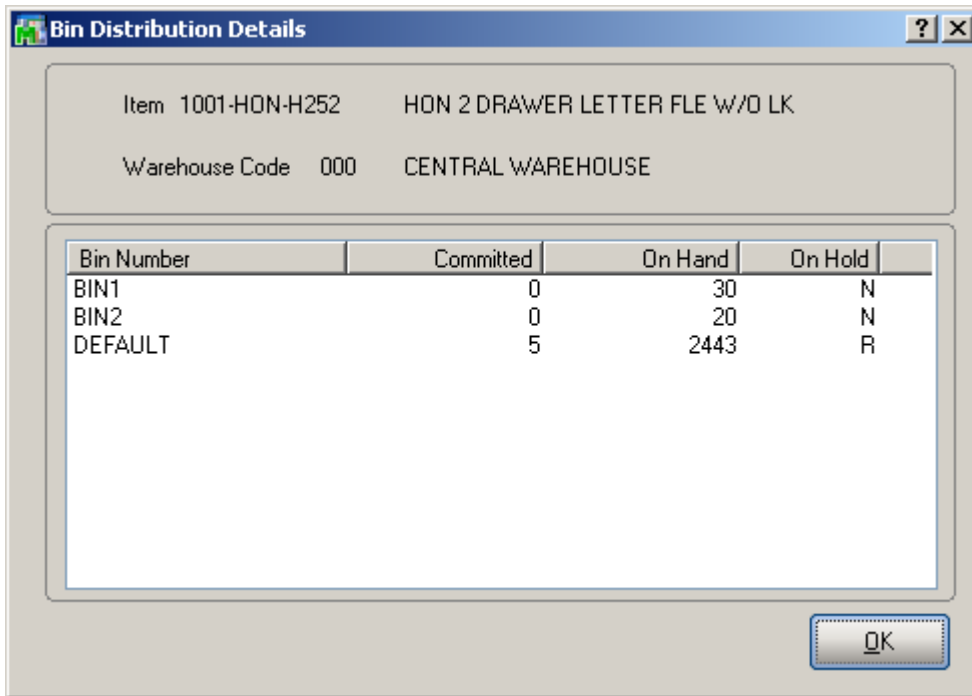
Qty On Hand	2493.00
Qty On Purch Order	86.00
Qty On Sales Order	0.00
Qty On Back Order	0.00
Qty Req For Work Order	0.00
Qty On Work Order	0.00
Total Qty Available	2493.00
Qty in Shipping	0.00
On Hand less in Shipping	2493.00

Bin Detail

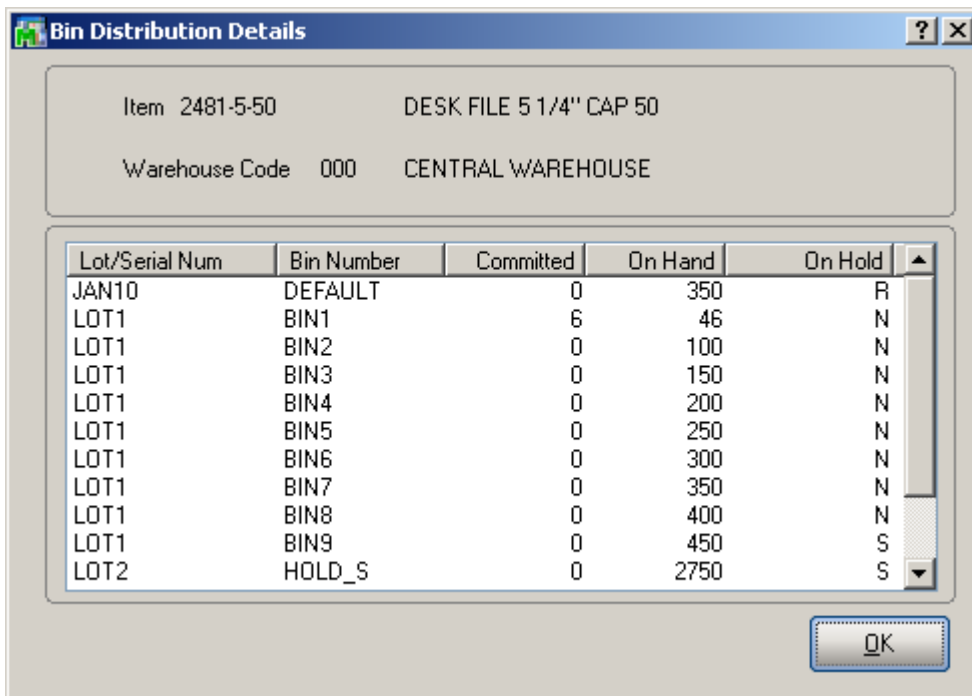
In this screen, click the **Bin Detail** button.

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.

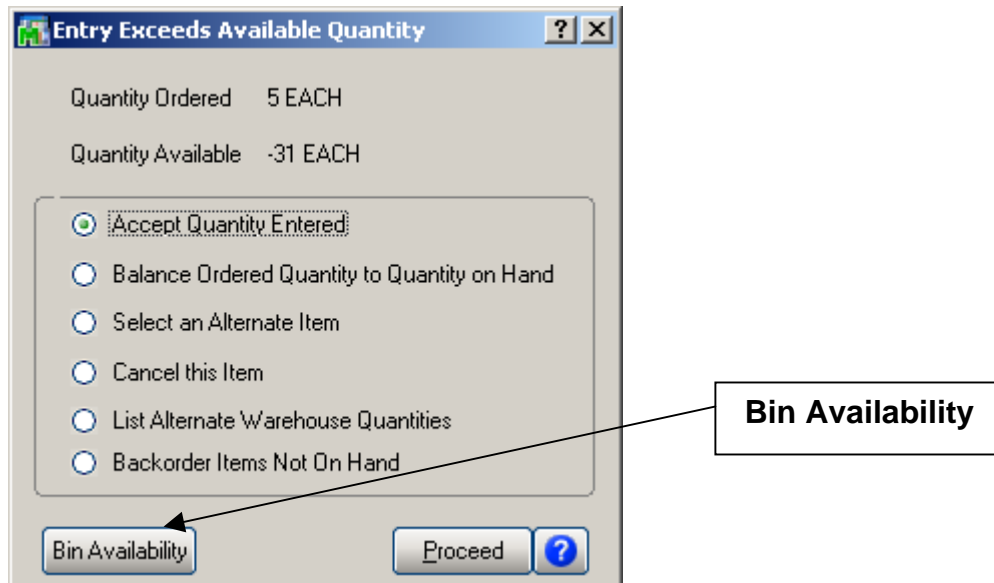
In the **Lines** tab of the **Sales Order Entry** screen, select **Item**, enter **Quantity Ordered**, and click **OK**.

The screenshot shows the 'Sales Order Entry' application window. At the top, the 'Order Number' is 0000023. Below this, there are tabs for '1. Header', '2. Address', '3. Lines', and '4. Totals'. The '3. Lines' tab is active. The 'Item / Kit Number' field contains 'DDCAB-02002' and the 'Description' field contains '3 1/2\"

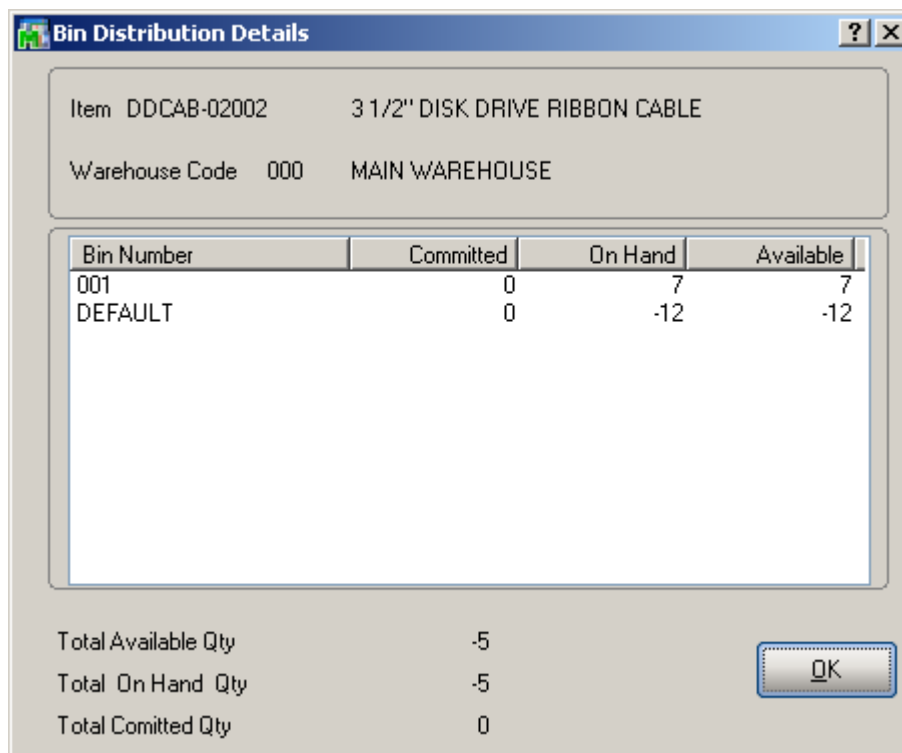
Whse	PL	U/M	Ordered	Shipped	Back Ordered	Unit Price	Extension
000	2	EACH	5.00	0.00	0.00	.00	.00

Below the table is a grid with columns: Line, Item Number, Whse, PL, U/M, Description, Ordered, Shipped, Back Ordered, SE, TC, DC, DS, CM, Unit Price, Extension. The grid is currently empty. At the bottom of the screen, there is a status bar that reads: 'Enter Ordered Quantity - Available Quantity in this Warehouse is -31 EACH'. Other buttons and fields include 'Ins', 'Del', 'Quick Line', 'Recalc Price', 'Accept', 'Cancel', 'Delete', and a date field showing '7/27/04'.

The **Entry Exceeds Available Quantity** screen is displayed.

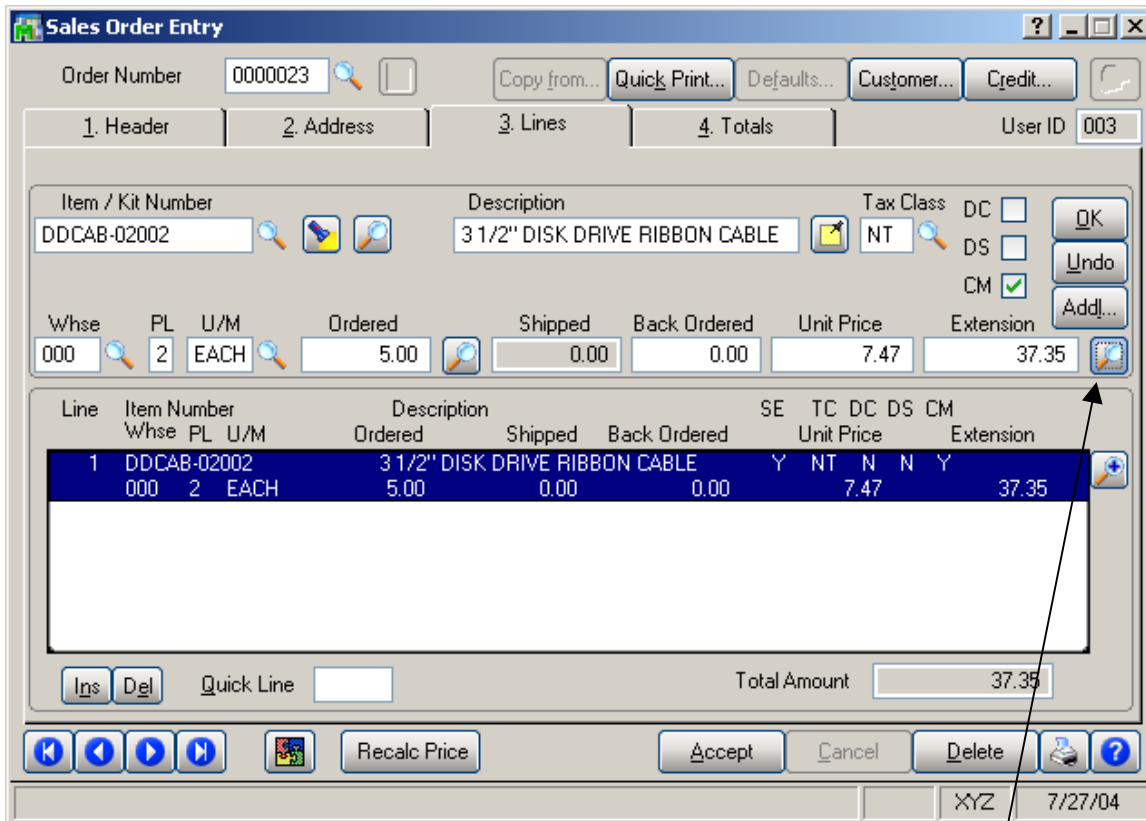


Click the **Bin Availability** button to display the **Bin Distribution Details** screen.



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).



Select the line and click the **Bin Distribution** button.

Bin Distribution

Bin Distribution Entry [?] [X]

Item DDCAB-02002 3 1/2" DISK DRIVE RIBBON CABLE U/M EACH

Bin Number	Available	Distribute
<input type="text"/>	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>

[OK] [Undo]

Bin Number	Available	Distribute
001	7.00	5.00

[List...] [Auto...]

Distribution Balance

[Accept]

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.

	SD No.	Customer No.	Customer PO	Ship Via	Item No.	Whse	Qty Ord.	Distr	Incl
1	0000008	00-ABC		UPS BLUE	BOARD-04230-25	000	0	N	<input type="checkbox"/>
2	0000008	00-ABC		UPS BLUE	BOARD-04230-16	000	1	N	<input type="checkbox"/>
3	0000008	00-ABC		UPS BLUE	BOARD-04230-20	000	2	N	<input type="checkbox"/>
4	0000009	00-BRESLIN		UPS BLUE	DUSTC-09889	000	5	N	<input type="checkbox"/>
5	0000009	00-BRESLIN		UPS BLUE	PRNTR-10021	000	5	N	<input type="checkbox"/>
6	0000009	00-BRESLIN		UPS BLUE	SCABL-15401	000	5	N	<input type="checkbox"/>
7	0000009	00-BRESLIN		UPS BLUE	SERIA-15400	000	5	N	<input type="checkbox"/>
8	0000010	00-CARTER		UPS BLUE	DUSTC-09889	000	2	N	<input type="checkbox"/>
9	0000010	00-CARTER		UPS BLUE	PARAL-14500	000	2	N	<input type="checkbox"/>
10	0000010	00-CARTER		UPS BLUE	PCABL-50091	000	2	N	<input type="checkbox"/>

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** button shows **Y** if the bin distribution has been done for the line, and **N** 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 Distribution Entry". At the top, it displays item information: "Item BOARD-04230-16 80486DX2 MOTHERBOARD 50MHZ U/M EACH". The window is divided into two main sections. The upper section contains three input fields: "Bin Number" with the value "DEFAULT", "Available" with the value "154.00", and "Distribute" with the value "1.00". To the right of these fields are "OK" and "Undo" buttons. The lower section contains a large empty rectangular area, likely for a list of bins. To its right are "List..." and "Auto..." buttons. Below this area is a "Distribution Balance" field with the value "1.00". At the bottom center of the window is an "Accept" button.

Click **Accept**.

In the **Sales Order Bin Distribution** screen, the **Distr** for the selected line will be changed to **Y**.

	SD No.	Customer No.	Customer PO	Ship Via	Item No.	Whse	Qty Ord.	Distr	Incl
1	0000008	00-ABC		UPS BLUE	BOARD-04230-25	000	0	N	<input type="checkbox"/>
2	0000008	00-ABC		UPS BLUE	BOARD-04230-16	000	1	Y	<input type="checkbox"/>
3	0000008	00-ABC		UPS BLUE	BOARD-04230-20	000	2	N	<input type="checkbox"/>
4	0000009	00-BRESLIN		UPS BLUE	DUSTC-09889	000	5	N	<input type="checkbox"/>
5	0000009	00-BRESLIN		UPS BLUE	PRNTR-10021	000	5	N	<input type="checkbox"/>
6	0000009	00-BRESLIN		UPS BLUE	SCABL-15401	000	5	N	<input type="checkbox"/>
7	0000009	00-BRESLIN		UPS BLUE	SERIA-15400	000	5	N	<input type="checkbox"/>
8	0000010	00-CARTER		UPS BLUE	DUSTC-09889	000	2	N	<input type="checkbox"/>
9	0000010	00-CARTER		UPS BLUE	PARAL-14500	000	2	N	<input type="checkbox"/>
10	0000010	00-CARTER		UPS BLUE	PCABL-50091	000	2	N	<input type="checkbox"/>

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

Sales Order Bin Distribution

Selection: All Starting Ending

Sales Order Number: 0000008 0000016

Customer Number:

Item Number:

Ship Via:

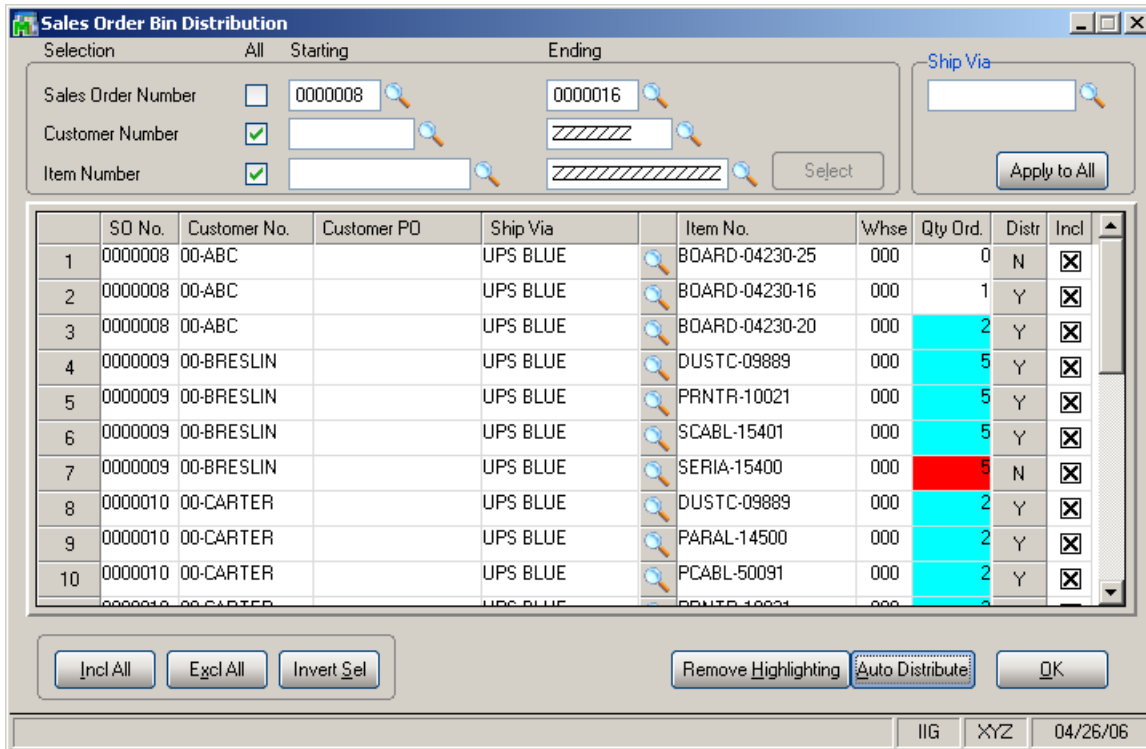
	SO No.	Customer No.	Customer PD	Ship Via	Item No.	Whse	Qty Ord.	Distr	Incl
1	0000008	00-ABC		UPS BLUE	BOARD-04230-25	000	0	N	<input checked="" type="checkbox"/>
2	0000008	00-ABC		UPS BLUE	BOARD-04230-16	000	1	Y	<input checked="" type="checkbox"/>
3	0000008	00-ABC		UPS BLUE	BOARD-04230-20	000	2	N	<input checked="" type="checkbox"/>
4	0000009	00-BRESLIN		UPS BLUE	DUSTC-09889	000	5	N	<input checked="" type="checkbox"/>
5	0000009	00-BRESLIN		UPS BLUE	PRNTR-10021	000	5	N	<input checked="" type="checkbox"/>
6	0000009	00-BRESLIN		UPS BLUE	SCABL-15401	000	5	N	<input checked="" type="checkbox"/>
7	0000009	00-BRESLIN		UPS BLUE	SERIA-15400	000	5	N	<input checked="" type="checkbox"/>
8	0000010	00-CARTER		UPS BLUE	DUSTC-09889	000	2	N	<input checked="" type="checkbox"/>
9	0000010	00-CARTER		UPS BLUE	PARAL-14500	000	2	N	<input checked="" type="checkbox"/>
10	0000010	00-CARTER		UPS BLUE	PCABL-50091	000	2	N	<input checked="" type="checkbox"/>

IIG XYZ 04/26/06

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.

Production Entry

Entry Number 0000175 Production Date 07/27/04 Defaults...

1. Header 2. Lines

Bill Number [] Description []

Revision [] Bill Type []

Option Code []

Quantity 0.00 U/M []

Effective Date 07/27/04

Parent Warehouse 000 MAIN WAREHOUSE

Parent Bin []

Component Warehouse 000 MAIN WAREHOUSE

Explode Sub-Assemblies

Accept Cancel Delete

Enter Parent Bin XYZ 7/27/04

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.

Distribute

Production Entry

Entry Number: 0000176 Production Date: 7/27/04

1. Header 2. Lines

Item Number: DCNTR-01000 Description: FIXED DISK CONTROLLER

Revision: Whse: 000 Quantity/Bill: 2.00 Extended Quantity: 6.00 U/M: EACH Cost: Lot

Line	Item Number	Revision	Whse	Qty/Bill	Extend Qty	U/M	Cost	Dist
1	DDCAB-02002		000	2.00	6.00	EACH	Average	N
2	DCNTR-01000		000	2.00	6.00	EACH	Lot	N

Buttons: OK, Undo, Distribute...

Bottom Bar: Accept, Cancel, Delete, XYZ, 7/27/04

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 DCNTR-01000 FIXED DISK CONTROLLER U/M EACH

Lot Number	Available	Distribute
00010101	79.00	6.00

Distribution Balance 0.00

Bin Distribution Entry

Item DCNTR-01000 FIXED DISK CONTROLLER U/M

Lot/Serial Number 00010101 Whse 000

Bin Number	Available	Distribute
DEFAULT	79.00	6.00

Distribution Balance 0.00

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.

Disassembly Entry

Entry Number 0000177 Disassembly Date 07/27/04 Defaults...

1. Header 2. Lines

Bill Number CABIN-01000-IH Description CABINET MODEL 1000

Revision 000 Bill Type Standard

Option Code

Quantity 2.00 U/M EACH

Effective Date 07/27/04

Parent Warehouse 000 MAIN WAREHOUSE

Component Warehouse 000 MAIN WAREHOUSE

Disassembly Type Produced Item

Explode Sub-Assemblies

Distribute...

Accept Cancel Delete

XYZ 7/27/04

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.

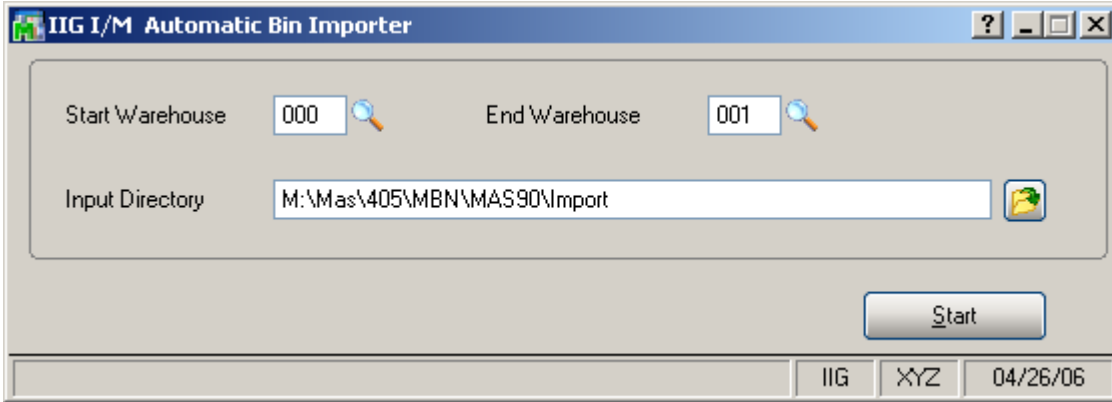
Bin distribution is only available in the **Return Merchandise Authorization** module, if the **Sales Order Entry Commits Inventory in Bin** box is checked in the **Multi-Bin Processing Options**.

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

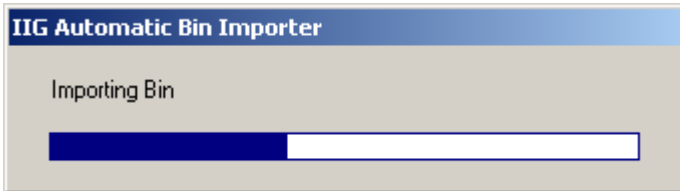
When a **Sales Order** is generated from RMA Receipt Entry, the Bin Distribution is done automatically or not, based on the **Multi-Bin Processing Options**.

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:

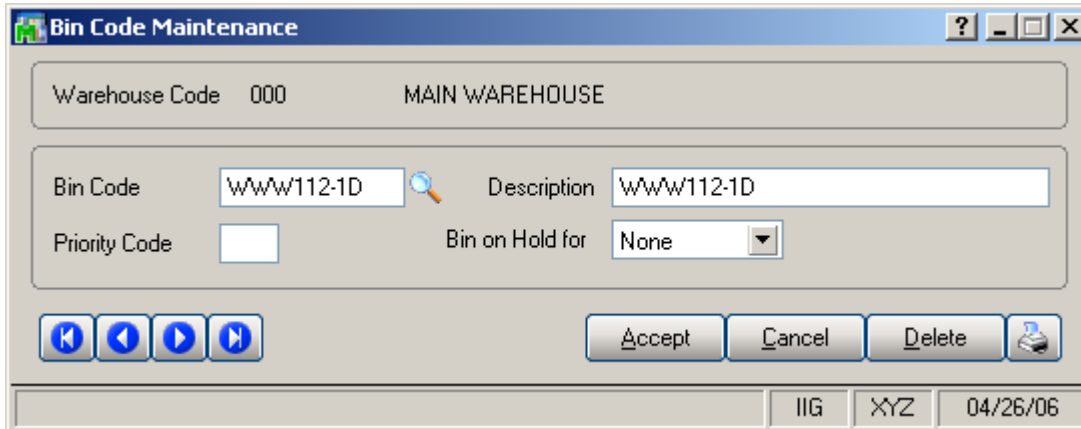
1. file extension must be .csv;
2. each record must consists of
 - Warehouse number (up to 3 characters)
 - Bin number (up to 10 characters)
 - Bin description (up to 30 characters)

	A	B	C	D	E
1	+	0 WWW112-1D	WWW112-1D		
2		1 TEST DEFAULT	Default Bin		
3					
4					
5					
6					
7					
8					

In case the import finished successfully, the imported file extension 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**.

Selection	All	Starting	Ending
Item Number	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
Warehouse Code	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
Bin Location	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>

Adobe PDF Print Preview Printer Setup...

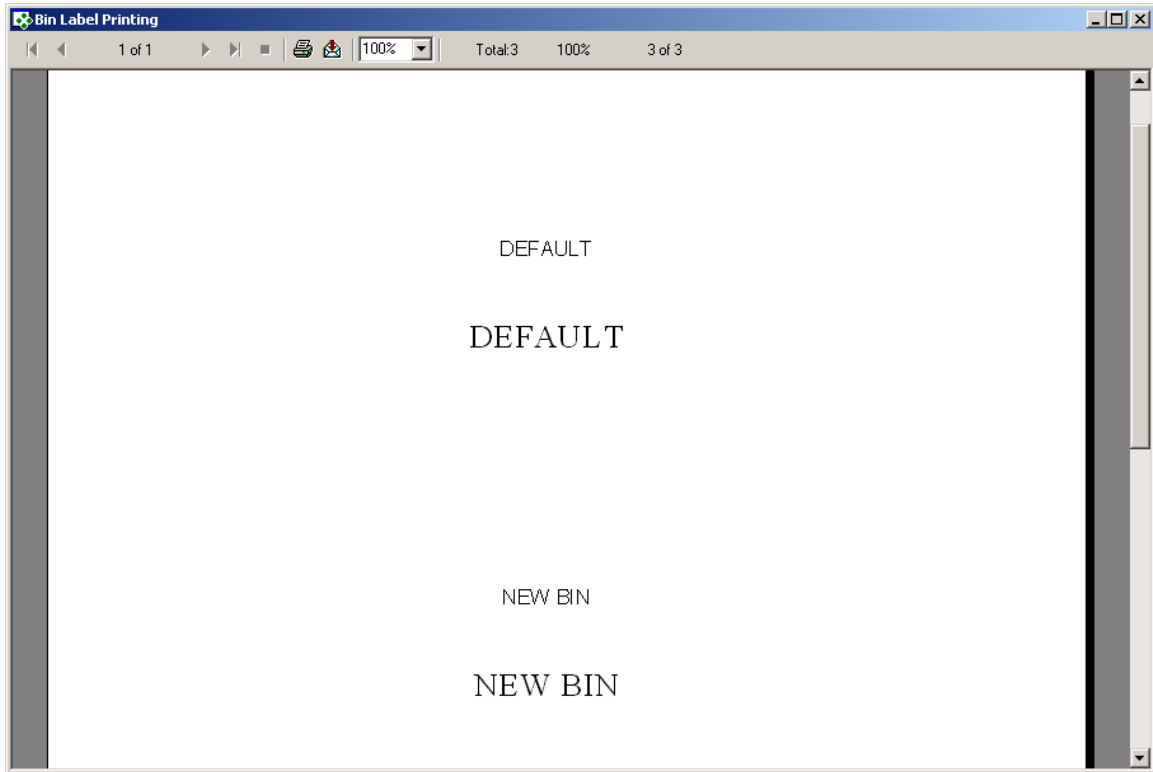
Enter Label Form Code IIG XYZ 04/26/06

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.

Only graphical Crystal printing is available.



Bin Status Report

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

Selection	All	Starting	Ending
Bin Location	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text" value="////"/>
Warehouse	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text" value="//"/>
Item Number	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text" value="////"/>
Show negative only?	<input type="checkbox"/>		

Adobe PDF Print Preview Printer Setup...

ABC 12/25/2006

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.

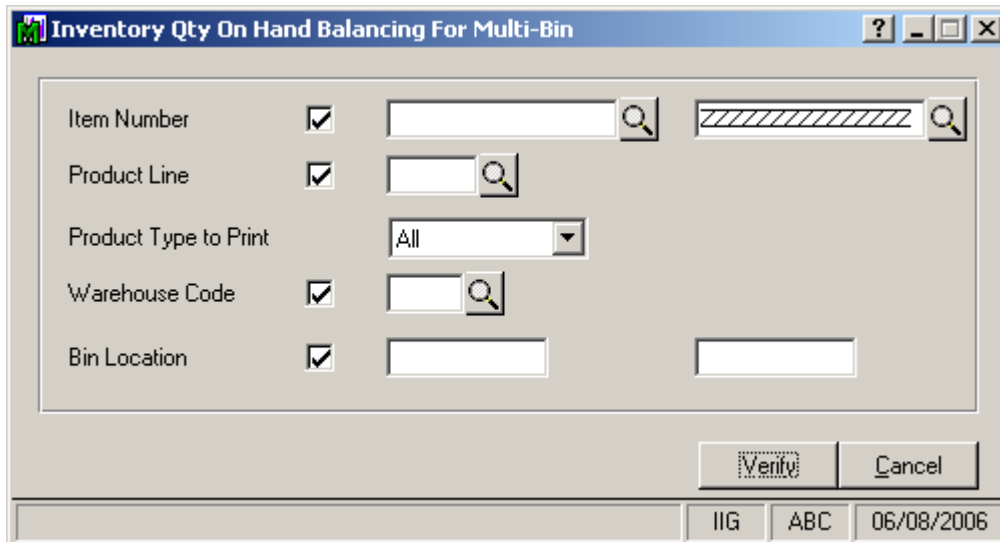
If the **All** box is unchecked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Items.

If the **Show negative only?** check box is checked, then the Items having only negative quantity will be printed.

BIN STATUS REPORT				
ABC Distribution and Service Corp.				
WAREHOUSE: 000 CENTRAL WAREHOUSE				
BIN LOC	ITEM NUMBER	DESCRIPTION	U/M	QUANTITY ON HAND
A-100-10	PFS-004-CABLE	EIA RS232 CABLE 4 CONDUCTOR	FT	12792.00
A-100-20	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
A-200-40	GB-EQ380-10-MF	CENTRONICS CABLE 10 FT M/F	EACH	208.00
A-200-50	GB-EL04MS-25	RJ-11 4 WIRE MOD CABLE 25 FT	EACH	463.00
A-200-60	GB-EL04MS-14	RJ-11 4 WIRE MOD CABLE 14 FT	EACH	286.00
A-200-70	GB-EL04MS-07	RJ-11 4 WIRE MOD CABLE 7 FT	EACH	481.00
A-300-10	PFS-004-CONN-M	EUA RS232 CONECT 4 CONDUCTOR M	EACH	295.00
A-300-20	PFS-004-CONN-F	EIA RS232 CONECT 4 CONDUCTOR F	EACH	145.00

Inventory Qty On Hand Balancing For Multi-Bin

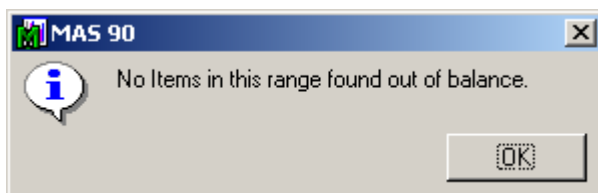
The **Inventory Bin Balancing Utility** program has been added to the **Setup** menu of the **Inventory Management** module to balance the Inventory Quantities on Hand in the I/M Warehouse Details (*IM2*), the I/M Cost Details (*IM3*), and the I/M Bin Details (*IM_BN*) files.



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*).

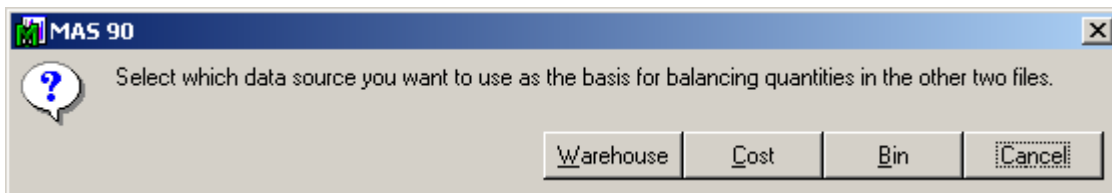
Click the **Verify** button.

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

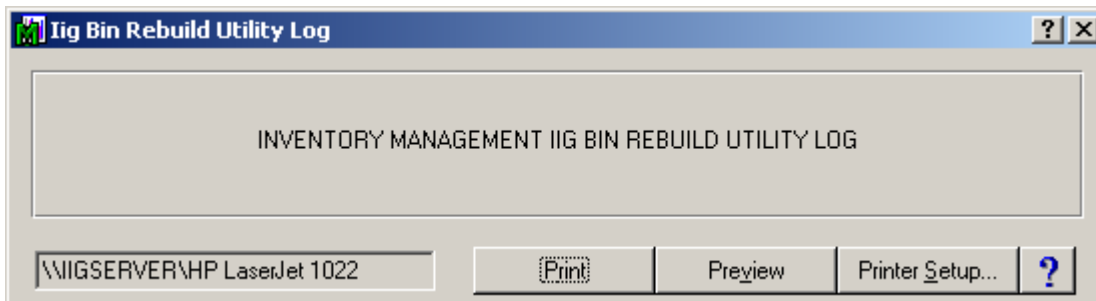


In case of differences in quantities, select which file you will use as a basis to correct the other two files. Your options are:

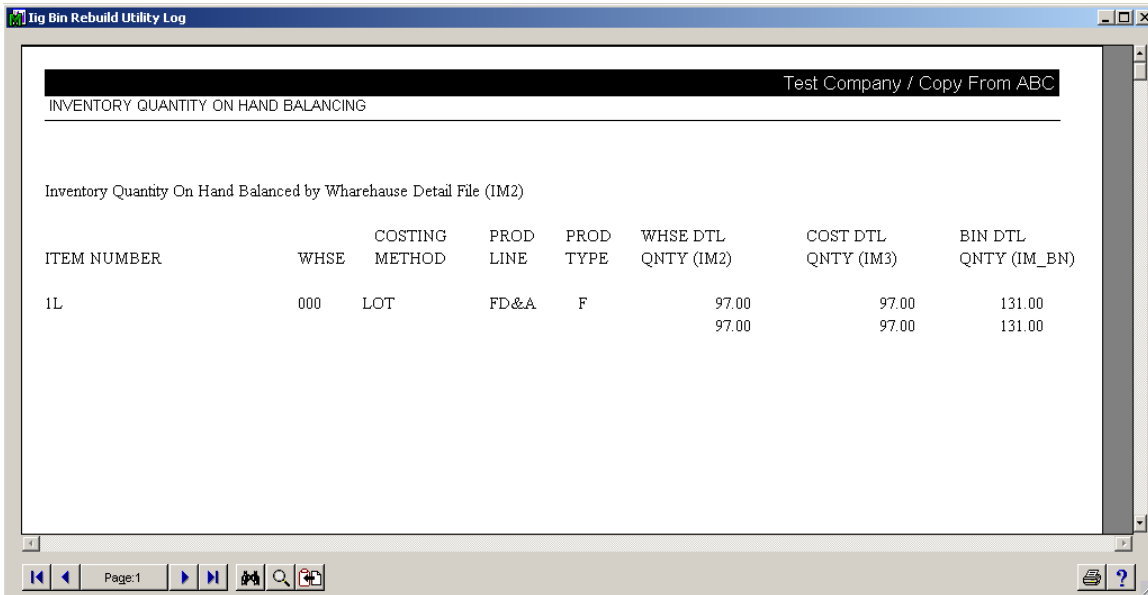
- **Warehouse** - This will balance the quantities in the I/M Cost Detail File (IM3) and the I/M Bin Detail (IM_BN) file based on the quantities in the I/M Warehouse Detail file (IM2).
- **Cost** - This will use the I/M Cost Detail (IM3) file to balance the quantities in the other two files.
- **Bin**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



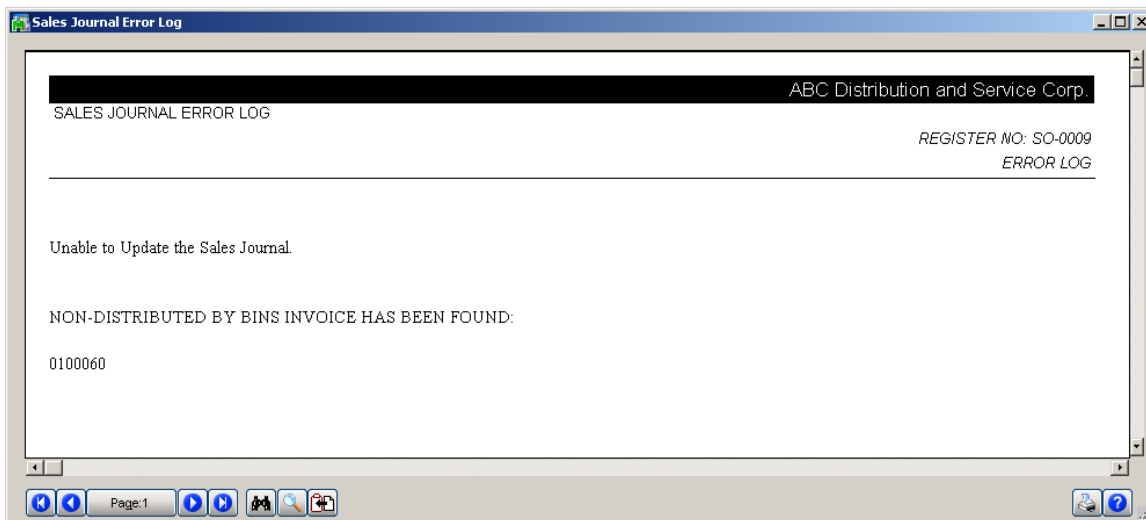
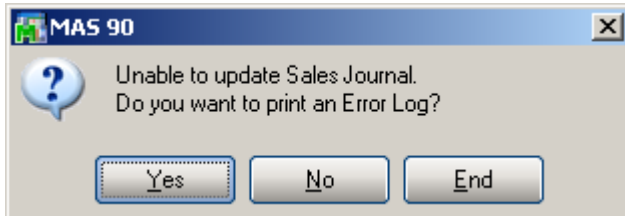
The screenshot shows a window titled "Iig Bin Rebuild Utility Log" with a header "Test Company / Copy From ABC". The main content is a table titled "INVENTORY QUANTITY ON HAND BALANCING" and "Inventory Quantity On Hand Balanced by Wharehouse Detail File (IM2)". The table has the following columns: ITEM NUMBER, WHSE, COSTING METHOD, PROD LINE, PROD TYPE, WHSE DTL QNTY (IM2), COST DTL QNTY (IM3), and BIN DTL QNTY (IM_BN). The data row shows: 1L, 000, LOT, FD&A, F, 97.00, 97.00, 131.00.

ITEM NUMBER	WHSE	COSTING METHOD	PROD LINE	PROD TYPE	WHSE DTL QNTY (IM2)	COST DTL QNTY (IM3)	BIN DTL QNTY (IM_BN)
1L	000	LOT	FD&A	F	97.00	97.00	131.00

***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.*

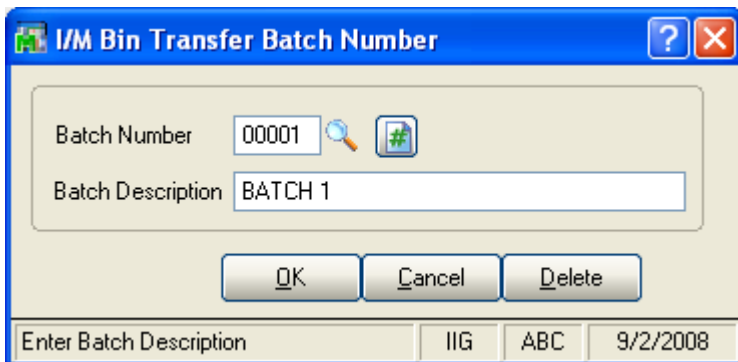
Daily Sales Reports/Updates

If there are Invoices which lines have not been distributed, then in the **Daily Sales Reports/Updates**, if the warehouse of the Line is a bin warehouse then the update is interrupted and error log is printed.



Bin Transfer Entry

The **Bin Transfer Entry** program has been added under the **Inventory Management Main** menu. The transfers do not post until the batch is printed and the user accepts the Batch Transfer Register.



The screenshot shows a Windows-style dialog box titled "I/M Bin Transfer Batch Number". It has a blue title bar with a question mark icon and a close button. The main area contains two input fields: "Batch Number" with the value "00001" and a search icon, and "Batch Description" with the value "BATCH 1". Below the fields are three buttons: "OK", "Cancel", and "Delete". At the bottom, there is a status bar with the text "Enter Batch Description", "IIG", "ABC", and "9/2/2008".

Specify desired **Batch Number** with **Batch Description** or select from the lookup.

Click **OK** to continue.

Bin Transfer Entry

Warehouse Code: 000 CENTRAL WAREHOUSE

Item Number: 1001-HON-H254 HON 4 DRAWER LETTER FLE W/O LK

From bin: E-300-30

Quantity to Transfer: 0.00 Available Quantity: 64.00

To bin:

OK Undo Del

Whse	Item Number	Lot/Serial	From Bin	Qty	To Bin
000	1001-HON-H254		E-300-30	1.00	A-100-10

Keep Warehouse Keep Bin Keep Item Batch: 00001

Cancel Print

IIG ABC 9/2/2008

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

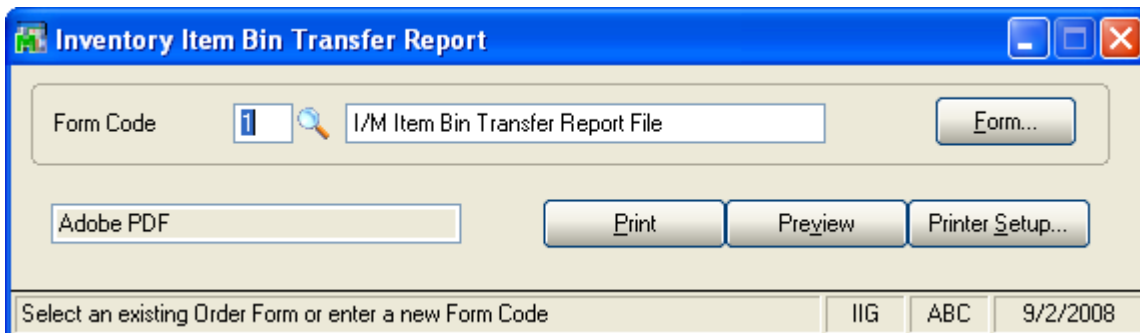
In the **From bin** field specify the warehouse from which the quantity is going to be transferred and in the **To bin** field specify the warehouse where the quantity is going to be populated.

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

If the **Keep Warehouse**, **Keep Bin**, **Keep Item** check boxes are selected, the values of the **From bin**, **Quantity to Transfer**, **To bin** fields will remain after clicking **OK**. Clicking the **Print** button will open the **Bin Transfer Register**.

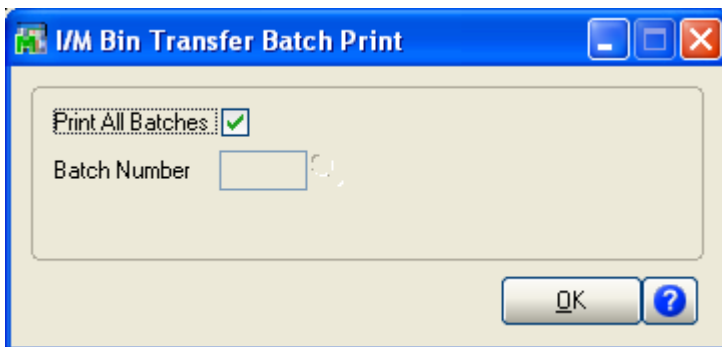
Bin Transfer Register

The **Bin Transfer Register** program has been added under the **Inventory Management Main** menu.



The screenshot shows a window titled "Inventory Item Bin Transfer Report". It features a "Form Code" field with a dropdown menu showing "1" and a search icon, followed by a text input field containing "I/M Item Bin Transfer Report File" and a "Form..." button. Below this is a "Adobe PDF" dropdown menu and three buttons: "Print", "Preview", and "Printer Setup...". At the bottom, there is a status bar with the text "Select an existing Order Form or enter a new Form Code" and three small boxes containing "IIG", "ABC", and "9/2/2008".

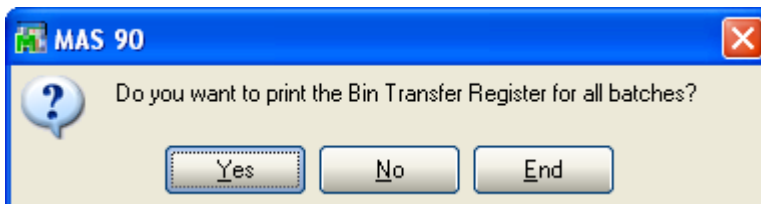
When clicking the **Print/Preview** button, the **I/M Batch Print** screen is opened.



The screenshot shows a window titled "I/M Bin Transfer Batch Print". It contains a "Print All Batches:" label with a checked checkbox. Below it is a "Batch Number" label followed by an empty text input field and a search icon. At the bottom right, there are "OK" and "?" buttons.

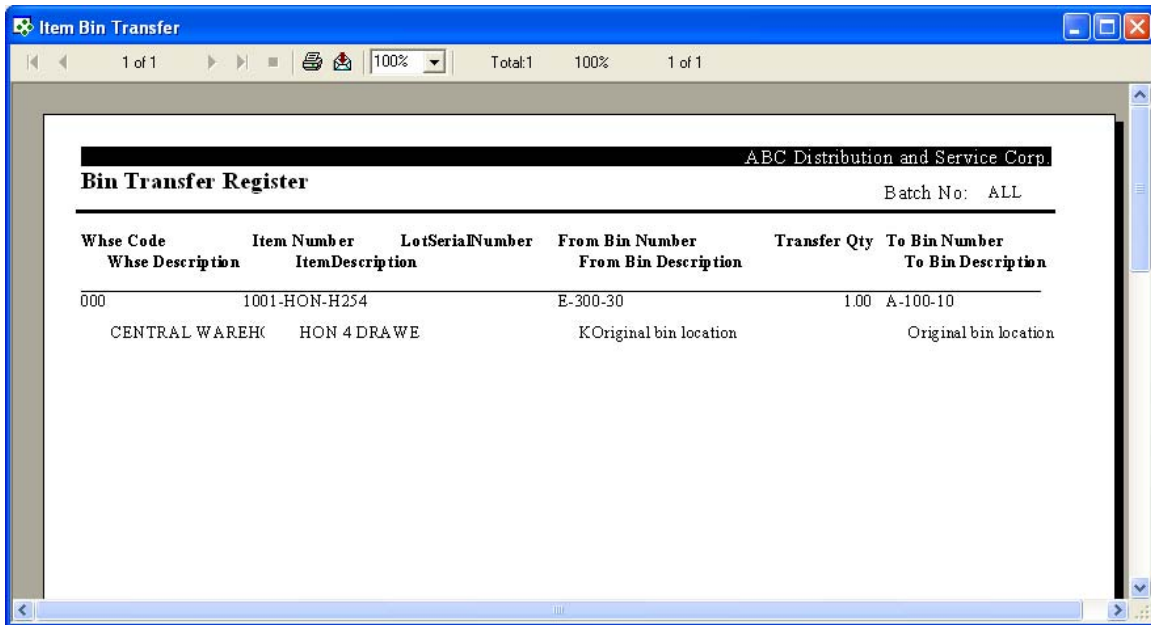
In this screen choose to print either All Batches (by selecting the **Print All Batches** option) or an exact one (by removing the **Print All Batches** option).

If you select the **Print All Batches** check box, the following message is displayed:



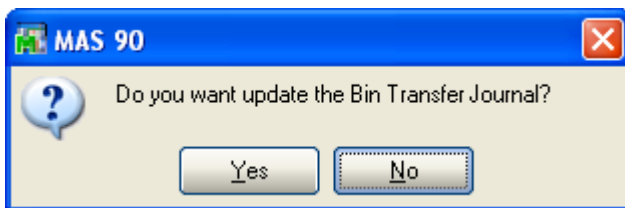
The screenshot shows a dialog box titled "MAS 90" with a question mark icon. The text inside reads "Do you want to print the Bin Transfer Register for all batches?". Below the text are three buttons: "Yes", "No", and "End".

Here is an example of printout:



Whse Code	Item Number	LotSerialNumber	From Bin Number	Transfer Qty	To Bin Number
Whse Description	ItemDescription		From Bin Description		To Bin Description
000	1001-HON-H254		E-300-30	1.00	A-100-10
CENTRAL WAREH	HON 4 DRAWE		KOriginal bin location		Original bin location

After closing the printout, a confirmation box appears asking whether to update the **Bin Transfer Journal** or not.



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

MBN Integration with Bar Code Module

Bar Code S/O Picking Sheet

If you have the **Bar Code** module installed in your system and the **Print Bar Code Picking Sheet** option checked on the **Integrate** tab of the **Sales Order Options** screen, you can print Bar Codes on the S/O Picking Sheets.

The **Bar Code S/O Picking Sheet** program has been modified to perform auto distribution prior to **Picking Sheet Printing**.

The screenshot shows the 'Bar Code S/O Picking Sheet Printing' dialog box. The window title is 'Bar Code S/O Picking Sheet Printing'. The dialog contains the following elements:

- Order Type to Print:** A dropdown menu with a blue background and a search icon.
- Print Orders on Hold:** A checked checkbox.
- Line 1 Message:** A text input field.
- Line 2 Message:** A text input field.
- Additional Line Types to Print:** A group box containing three unchecked checkboxes: 'Comment Lines', 'Miscellaneous Item and Charge Lines', and 'Special Item Lines'.
- Include Unauthorized/Expired Credit Card Order:** An unchecked checkbox.
- Form Code:** An input field containing '1' with a search icon.
- Form...:** A button next to the Form Code input field.
- Form Code:** A dropdown menu showing 'B/C Picking Sheet - Plain'.
- Select:** A button next to the Form Code dropdown.
- Copies:** An input field containing '1'.
- Form...:** A button next to the Copies input field.
- Multi Part Enable:** An unchecked checkbox.
- Multi Part...:** A button next to the Multi Part Enable checkbox.
- Clear:** A button.
- Auto distribute by bin location:** A checked checkbox.
- Auto distribute from Back Ordered:** A checked checkbox.
- Auto distribute from Ordered:** A checked checkbox.
- Selection:** A group box containing:
 - Sales Order Number:** A checked checkbox, an input field, and a search icon.
 - Warehouse:** A checked checkbox, an input field, and a search icon.
 - Ending:** An input field containing 'ZZZZ' and a search icon.
- Printer Selection:** A dropdown menu showing '\\igserver\HP LaserJet 1100 (MS)'.
- Print, Preview, Printer Setup...:** Three buttons.
- ?:** A help button.
- Status Bar:** Fields for 'IIG', 'XYZ', and '04/26/06'.