



Multi-Bin Processing For Sage 100 2018

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Installation Instructions and Cautions

PLEASE NOTE: *SAGE 100 must already be installed on your system before installing any IIG enhancement. If not already done, perform your SAGE 100 installation and setup now; then allow any updating to be accomplished automatically. Once SAGE 100 installation and file updating is complete, you may install your IIG enhancement product by following the procedure below.*

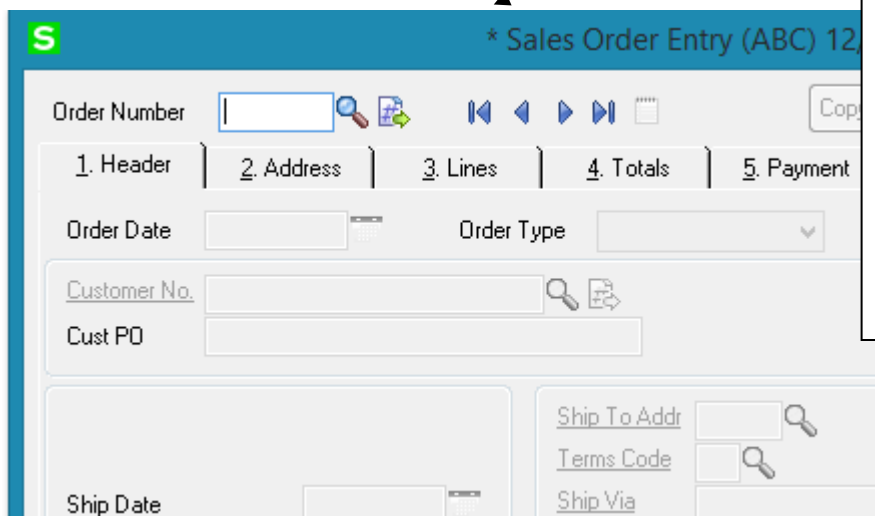
Wait! Before You Install – Do You Use CUSTOM OFFICE?

THIS IS AN IMPORTANT CAUTION: *If you have Custom Office installed, **and** if you have modified any SAGE 100 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 SAGE 100.

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**.

IIG Master Developer Enhancement Registration

Registered Customer: IIG - Glendale

Registration Information:

Reseller Name:

Serial Number: 1111111

Customer Number: 222222222

User Key: 3333333333333333

Product Key: 55555 55555 55555 55555 55555

Enhancement	Level	Release Date	Serial Number	Unlocking Key
IIG Enhancement	6.00		AAAAAAAAAAAAAAAAAA	BBBBBB

Buttons: OK, Undo, Print Registration Form, Close

Status Bar: IIG ABC 12/16/2016

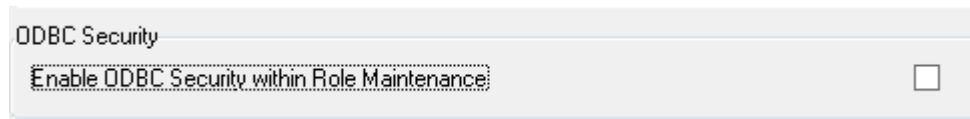
Enter **Serial Number** and **Unlocking Key** provided by IIG, and click **OK**.

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.

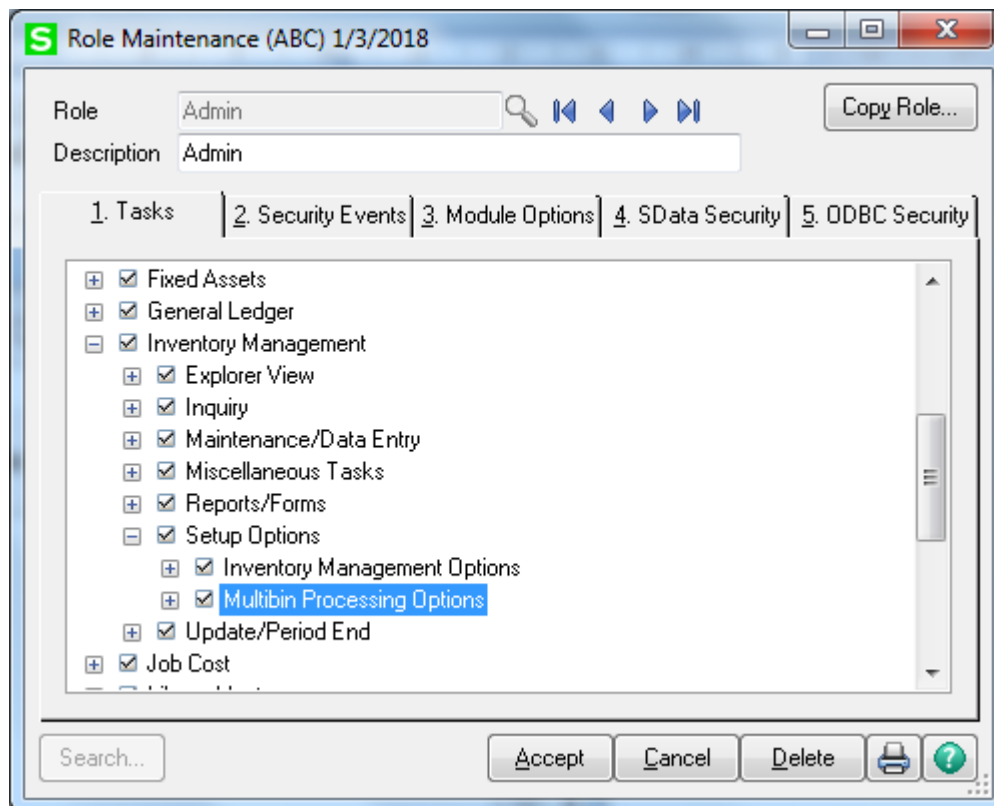
ODBC Security

After installing an **IIG Enhancement**, it is **very important to verify** whether or not the **Enable ODBC Security within Role Maintenance** check box is selected in the **System Configuration** window of your system. If it is selected you must assign ODBC security permissions and allow access to custom data tables/fields for the Roles defined in your system.



Role Maintenance

After installing an **IIG Enhancement**, permissions must be configured for newly created Tasks and Security Events.



Introduction

The IIG's **Multi-Bin Processing** Enhancement provides additional functionality needed for streamlined fulfillment of orders from multiple warehouse bin locations. It allows for tracking of quantities by multiple bin location by item within a warehouse. Processing quantities by bins is supported in SO, IM, PO, RMA and BOM modules.

Multi-Bin Setup

Before starting to use Multi-Bin enhancement it is necessary to setup Multi-Bin options and respectively a warehouse or warehouses using bins.

Multi-Bin Processing Options

Select **Multibin Processing Options** from the **Inventory Management Setup** menu.

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

This program should be run in order to create all the required files and to expand existing files as required for Multi-Bin Processing setup.

Run the program in order to avoid occurrence of error conditions related to installation.

1. Main | 2. Additional

Sale From Bin By: None

☐ Sales Order Entry Commits Inventory in Bin
☐ Pick Lot/Serial Numbers By Receipt Date
☐ Pick Sheet Auto Distribution
☐ Pick Sheet Ordering from Back Ordered
☐ Pick Sheet Back Ordering from Ordered
☐ Exclude Lines with Qty On Hand <=0 in Pick Sheet
☐ Ship only from Shipping Bin
☐ Enable Scan In Shipping
☐ Auto Distribute to Receiving Bin during Receipt
☐ Allow Negative Distribution
☐ Enable Traveler Bin Processing

Batch Processing

Description	Enable	Next Batch
Bin Transfer Entry	<input type="checkbox"/>	00001

Bin Transfer Entry

Next Automatic Bin Transfer Entry Number: 0000000001

☐ Allow Bin Segment
☐ Allow On the Fly Bin Number entry:

? Manual Accept Cancel [Printer Icon]

Sale From Bin By: By Date Received Into the Bin

- By Date Received Into the Bin
- None
- Smallest Quantity on Hand
- Bin Priority

The **Sale From Bin By** drop box is intended for setting the option to be used when Items are automatically distributed by bins in the Sales Order and Invoice Data entries.

None: Disables the auto distribute by bins feature.

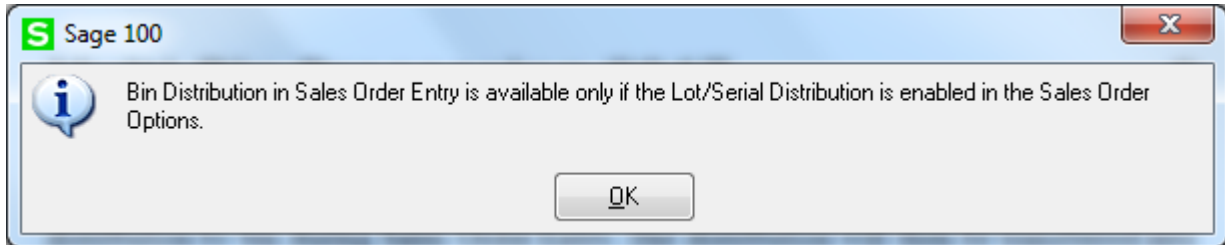
By Date Received into the Bin: The program will distribute items by the date (Receipt Date in the "IM068_MBNItemBinDistribution.M4T" table) when Items were received into the Bin.

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

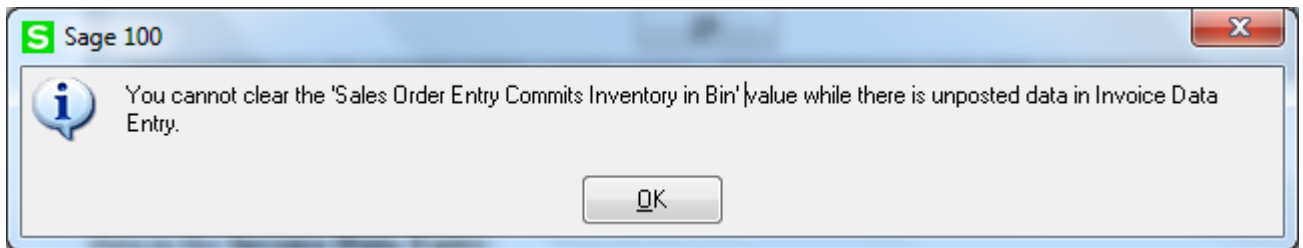
Bin Priority: The program will distribute items by bin priority.

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

Before selecting **Sales Order Entry Commits Inventory in Bin** checkbox make sure the **Lot/Serial Distribution for Sales Order** is enabled in the **Sales Order Options**, otherwise the following message will appear when trying to turn on this option.



The following message appears when trying to change this option while there is unposted data in the **Invoice Data Entry**:



The **Pick Lot/Serial Numbers by Receipt Date** option is enabled if the **Sale From Bin By** option is not "None". Select the **Pick Lot/Serial Numbers by Receipt Date** checkbox to have Lot/Serial Items distributed based on the Lot/Serial Receipt Date (from the oldest to newest) from the IM_ItemCost table. In this case old Lot/Serials will be distributed first.

Check the **Pick Sheet Auto Distribution** box to have items distributed automatically in the Picking Sheets. In this case the Bin Distribution screen is not auto popup in the Sales Order entry.

Note that if this option is selected, a Pick Sheet should be printed before invoicing an order.

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 enable auto distributing from back ordered quantity option in the Picking Sheet Printing. Refer to [Picking sheet Printing](#) for details.

Check the **Pick Sheet Back Ordering from Ordered** box to enable auto distributing from quantity ordered option in the Picking Sheet Printing. Refer to [Picking sheet Printing](#) for details.

Check the **Exclude Lines with Quantity On Hand <= 0 in Pick Sheet** box to exclude from Picking Sheet printing the lines with Quantity On Hand for current Item->Warehouse less or equal to zero.

Ship Only from Shipping Bin – select this checkbox to allow shipping Items only from a bin having the **Bin Type** set to “Shipping” in the Bin Code Maintenance. This option is intended mainly for Order Picking/Shipping processing.

Enable Scan in Shipping – select this checkbox to enable Multibin scan processing in the Shipping Data Entry.

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.

Select the **Enable Traveler Bin Processing** option to be able to process Traveler Bins. See [Traveler Bin Processing](#).

Batch Processing- select the checkbox to enable Batch Processing for Bin Transfer. The Next Batch number is defaulted to 00001. Enter the next batch number you want to be assigned when using the batch processing feature in the Bin transfer Entry You can enter numeric or alphanumeric characters.

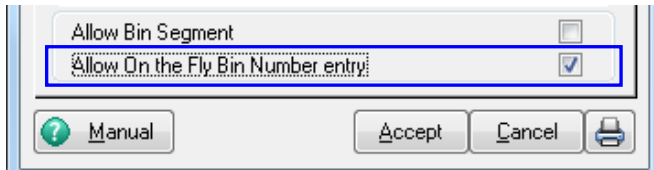
Batch Processing		
Description	Enable	Next Batch
Bin Transfer Entry	<input checked="" type="checkbox"/>	00001

Next Automatic Bin Transfer Entry Number- is the next transfer entry number to be assigned when the Next Number button is clicked in the Bin Transfer Entry. You can type alphanumeric and special characters.

Bin Transfer Entry	
Next Automatic Bin Transfer Entry Number	0000000001

The **Allow Bin Segment** option allows for displaying Bin numbers by the segments defined on the Additional tab.

The **Allow On the Fly Bin Number entry** option allows for adding bin numbers on the fly while distributing Items by Bins.



Press the **Manual** button to open the MBN manual.

Warehouse Code Maintenance

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

Warehouse Code Maintenance (ABC) 2/27/2017

Warehouse Code: 001

Description: EAST WAREHOUSE

Name: ABC East Warehouse

Address: 1105 W. MAC ARTHUR BLVD.

ZIP Code: 92626

City: Costa Mesa State: CA

Country: USA

Telephone: Ext:

Fax:

E-mail Address:

Contact:

Use Bins: ☒

Bin Maintenance

Receiving Bin No.: RECEIVING

Shipping Bin No.: SHIPPING

Next Traveller Bin No.: T000000001

Post to Location:

Accept Cancel Delete [Printer Icon] [Help Icon]

Check the **Use Bins** box to start using Bins for the selected Warehouse. The **Bin Maintenance** button, **Receiving Bin No.**, **Shipping Bin No.** and **Next Traveller Bin No.** fields are enabled only for Warehouses using Bins. The **Shipping Bin No.** specified for current Warehouse Code will be used as the default bin while shipping in the Shipping Data Entry with the **Ship Only from Shipping Bin** option turned on in the Multibin Options.

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

When the **Use Bins** checkbox is selected the following message box appears upon Accept:

Sage 100

Use your existing bin locations for this warehouse?

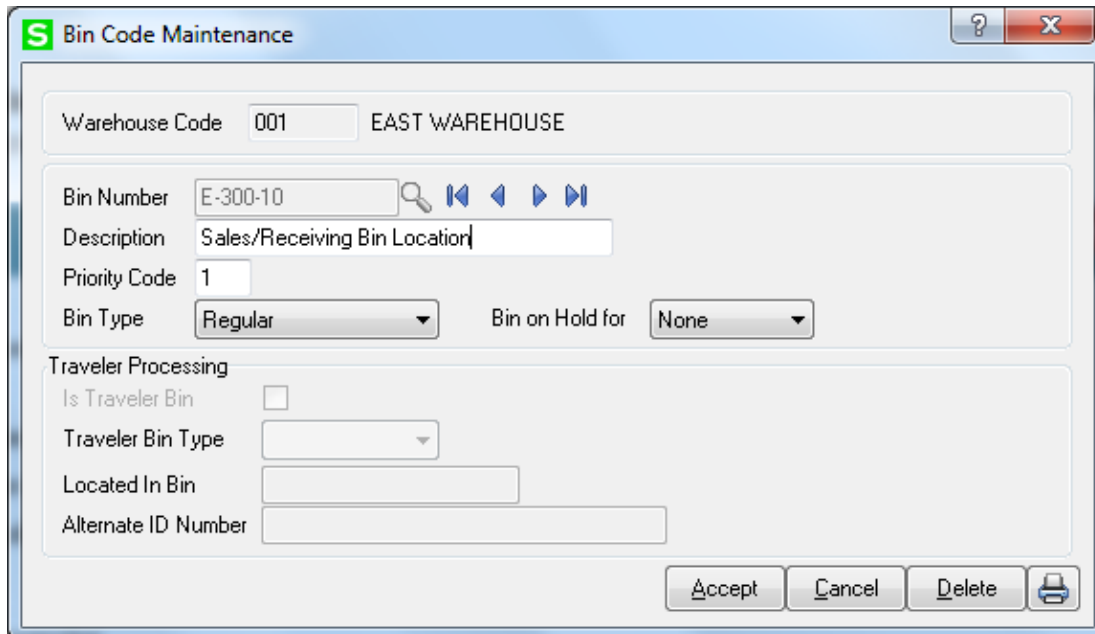
Yes No

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

If **No** is selected, Default Bin will be created.

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.

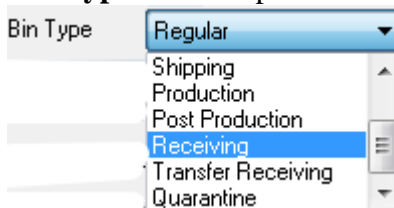
Click the **Bin Maintenance** button to open the **Bin Code Maintenance** screen for the selected warehouse.



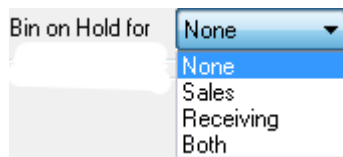
The **Priority Code** (2 alphanumeric characters) is used for auto-distribution by **Priority**. When using numeric characters a leading 0 will be added to the entered number, e.g if you enter 1 or 2, you'll see 01, 02, etc. So "01" is higher priority than "05" and "05" is higher than "10".

If you use alpha (A, AA, AB, BB, etc) or alphanumeric characters (A1, A2, B1, etc) to define Bin Priority Codes, the Priority Code starting with "A" is considered higher than the one starting with "B", etc. So for our example "A" is higher "AA", "AA" is higher than "AB" and "AB" is be higher than "BB" or "A1" is higher "A2" and "A2" is higher "B1".

Bin Type - this drop-down list allows the user to select a type for each Bin.



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



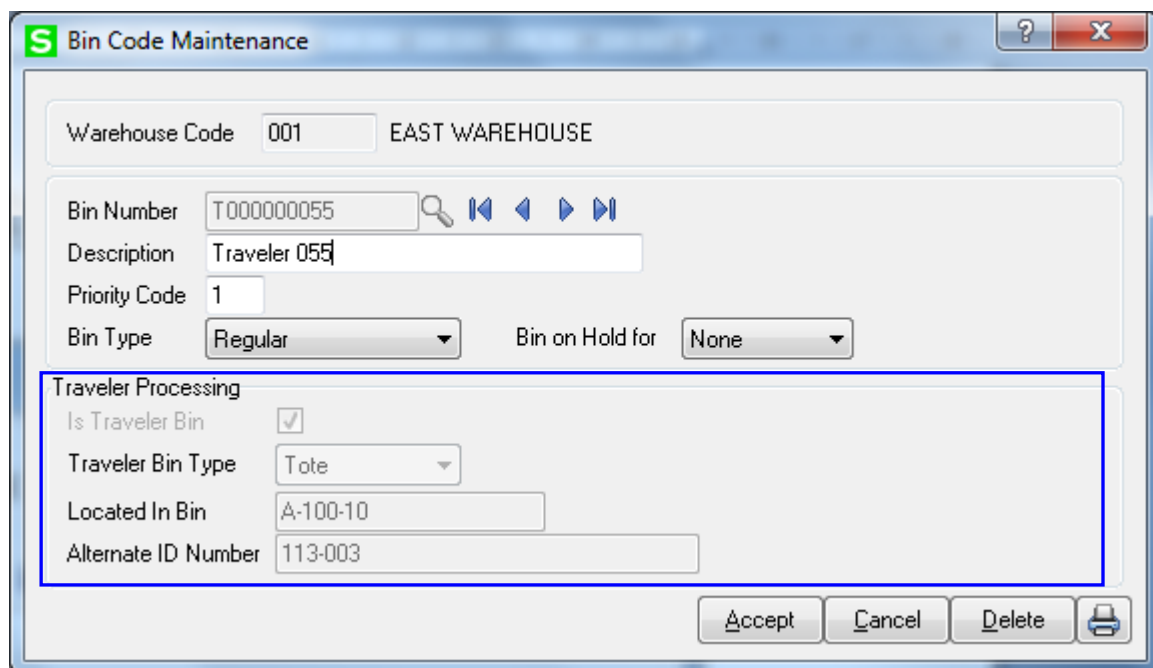
None means the Bin can be used for distribution freely.

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**.

The **Traveler Processing** section displays information about the Traveler Bin created in the Traveler Bin Maintenance. The Traveler Bin can be selected in the Bin Code Maintenance but it cannot be created in the Bin Maintenance or deleted from there. Traveler Bin can be created and deleted only in the Traveler Bin Maintenance. Upon selecting a traveler Bin Number the **Is Traveler Bin** flag is set and respective information loaded from the **Traveler Bin Maintenance**.



Bin Number Distribution

You may distribute items in the **Bin Number Distribution** screen, for the **Warehouses Using Bins**, from the following SAGE 100 programs:

- ☐ Inventory Transactions
- ☐ Sales Order Entry (optional depending on the MBN Setup setting)
- ☐ Sales Order Invoice Data Entry
- ☐ Shipping Entry
- ☐ Purchase Order Receipt of Goods Entry
- ☐ Purchase Order Return of Goods Entry
- ☐ Return Merchandise Authorization Entry
- ☐ Return Merchandise Authorization Receipts Entry
- ☐ Bill Of Materials Production Entry
- ☐ Bill Of Materials Disassembly Entry

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

NOTE: *If the **Allow On the Fly Bin Number entry** option is enabled in the **Multibin Processing Options** the user is allowed to create new bin number in the **Bin Number Distribution** screen launched from the following SAGE 100 programs:*

- ☐ Inventory Transactions => Receipt, Transfer(only "To Bin") and Adjustment
- ☐ Receipt of Goods Entry
- ☐ Order Picking => Drop To Bin
- ☐ Advanced Bin Transfer => Drop To Bin
- ☐ Bin Transfer Entry => To Bin

Inventory Transactions

Sales Transaction Entry

When entering an inventory transaction for a warehouse using bins it is necessary to assign the bin locations being used to maintain proper QOH tracking. The Bin Number Distribution entry allows for quantities distribution by the selected Bins.

Here is the Bin Number Distribution entry opened upon entering the quantity in the Sales Transaction entry lines.

The screenshot shows the 'Transaction Entry (ABC) 1/3/2018' window. The 'Transaction Type' is 'Sales' and the 'Entry Number' is '00000018'. The '1. Header' tab is selected. The '2. Lines' tab shows a table with the following data:

	Item Code	Quantity	Unit Price	Extension
1	1001-HON-H252	15.00	78.120	1,171.80
2				

The 'Bin Number Distribution' dialog box is open, showing the 'Item Code' as '1001-HON-H252' and the 'Unit of Measure' as 'EACH'. The dialog box contains a table with the following data:

Bin Number	Available	Distribute
1	.00	.00

The 'Distribution Balance' is 15.00. The 'OK' and 'Cancel' buttons are at the bottom right of the dialog box.

The Bin Number lookup lists all Bins that are not **On Hold for Sales**:

Bin Number	Description	Receipt Date	Priority	Available	Qty On Hand	Order
A-100-10	Original bin location	2/27/2017		13.000	16.000	R
A-200-20	Original bin location	2/27/2017		27.000	27.000	N
A-200-50	Original bin location	2/27/2017		28.000	33.000	N
A-300-20	Original bin location	2/27/2017		17.000	18.000	N
B-100-40	Original bin location	2/27/2017		57.000	57.000	N
C-100-10	Original bin location	2/27/2017		457.000	457.000	N
C-200-40	Original bin location	2/27/2017		299.000	300.000	N
E-200-20	Original bin location	2/27/2017		45.000	45.000	N
E-300-10	Sales/Receiving Bin Locati...	2/27/2017	1	52.000	55.000	N
T000000004	Tare Bin#004	2/26/2016		8.000	8.000	N
A-300-40	Original bin location	10/27/2015		-10.000	-10.000	N
B-100-10	Original bin location	10/27/2015		-5.000	-5.000	N
A-200-30	Original bin location	6/16/2015		.000	.000	N
FR-KLF-01	Forklift Bin	6/16/2015		-7.000	-7.000	N

Search: Bin Number Begins with Find

Filters...

Custom... Lookup Wizard...

Select Cancel

Found 17 records

Press the **Show All Bins** button to load all bin numbers in the grid and be able to distribute by several bins.

	Bin Number	Available	Distribute
1	A-100-10	2,186.00	4.00
2	A-200-10	28.00	2.00
3	A-200-20	4,444,990.00	3.00
4	C-200-40	23.00	1.00
5	DEFAULT__	14.00	2.00
6	E-300-10	99,515.00	3.00
7		.00	.00

Distribution Balance: .00

OK Cancel

When a Lot/serial Item is entered in the lines the Lot/Serial Distribution screen is popup first:

Transaction Entry (ABC) 1/3/2018

Transaction Type: Sales

Entry Number: 00000018

1. Header | 2. Lines

Quick Row: 2

	Item Code	Quantity	Unit Price	Extension
1	1001-HON-H252	15.00	78.120	1,171.80
2	2480-8-50	5.00	31.950	159.75
3				

Lot/Serial Number Distribution

Item Code: 2480-8-50 DESK FILE 8" CAP 50

Unit of Measure: EACH

	Lot Number	Available	Distribute
1		.00	.00

Distribution Balance: 5.00

OK Cancel ?

Only after the quantity is distributed by Lot Number, The Bin Number Distribution screen is opened allowing the user to distribute current Lot/Serial number by Bin.

The screenshot shows the 'Bin Number Distribution' window for item '2480-8-50' (DESK FILE 8" CAP 50). The window includes a table for bin distribution and a 'Distribution Balance' field at the bottom.

Item Code: 2480-8-50 DESK FILE 8" CAP 50
Unit of Measure: EACH Lot/Serial No: JAN10

	Bin Number	Available	Distribute
1	A-100-10	10,456,286.00	2.00
2	C-100-10	297.00	3.00
3		.00	.00

Distribution Balance: .00

Buttons: OK, Cancel

The **Distribution Balance** field at the bottom of the window reflects a running total of the remaining quantity to distribute.

Transfer Transaction Entry

The **Bin Number Distribution** entry provided in the **Transfer Entry** consists of two tabs: one for specifying the “From Warehouse” bins and the other for the bins of “To Warehouse”.

The screenshot displays the 'Transaction Entry (ABC) 1/3/2018' window. The 'Transaction Type' is set to 'Transfers' and the 'Entry Number' is '00000015'. The '1. Header' tab is selected. A table with columns 'Item Code', 'Quantity', 'Unit Cost', and 'Extension' is visible, showing one row for item '1001-HON-H252' with a quantity of 5.00 and a unit cost of 32.750, resulting in an extension of 163.75. Overlaid on this is the 'Bin Number Distribution' dialog box. This dialog has fields for 'Item Code' (1001-HON-H252) and 'Unit of Measure' (EACH). It features two tabs: '1. From Whse 000 Bins' and '2. To Whse 001 Bins'. The '1. From Whse 000 Bins' tab is active, showing a table with columns 'From Bin Number', 'Available', and 'Distribute'. The first row shows '1' in the 'From Bin Number' column, with 'Available' and 'Distribute' values of .00. At the bottom of the dialog, 'From Bins Balance' is 5.00 and 'To Bins Balance' is 5.00. 'OK' and 'Cancel' buttons are at the bottom right.

Item Code	Quantity	Unit Cost	Extension
1001-HON-H252	5.00	32.750	163.75

From Bin Number	Available	Distribute
1	.00	.00

S Bin Number Distribution

Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/C
Unit of Measure: EACH

1. From Whse 000 Bins | 2. To Whse 001 Bins |

	From Bin Number	Available	Distribute
1	A-100-20	13.00	5.00
2		.00	.00

From Bins Balance: .00 To Bins Balance: 5.00

OK Cancel

S Bin Number Distribution

Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/C
Unit of Measure: EACH

1. From Whse 000 Bins | 2. To Whse 001 Bins |

	To Bin Number	Available	Distribute
1	A-100-10	2,186.00	5.00
2		.00	.00

From Bins Balance: .00 To Bins Balance: .00

OK Cancel

If either of the warehouses: “From Whse” or “To Whse” is not using bins only one tab is available.

Here is the **Bin Number Distribution** for a transfer entry from a warehouse not using bins to a warehouse using bins.

Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/C

Unit of Measure: EACH

2. To Whse 001 Bins

To Bin Number	Available	Distribute
1	.00	.00

To Bins Balance: 5.00

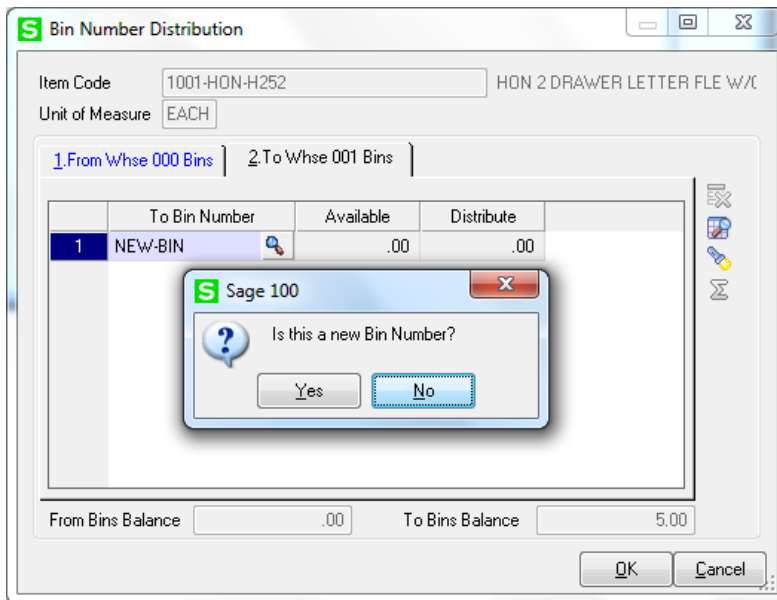
OK Cancel

Press the **Show All Bins** button to load in the grid all active bins (processed at least once in any transaction) for current warehouse.

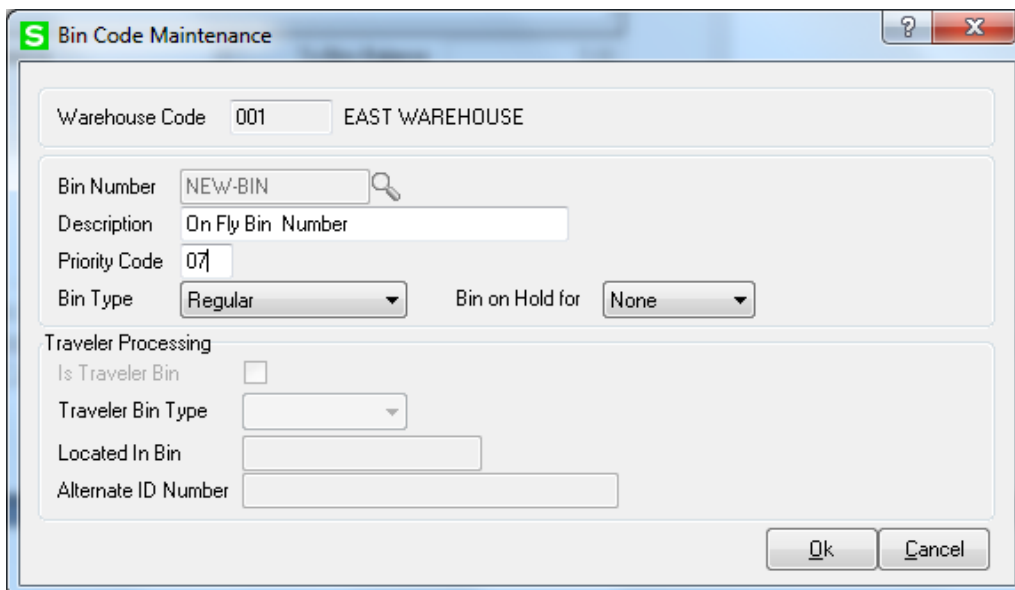
Press the flashlight button (Whse Bin List) to open the list of all bins for current warehouse.

If the **Allow On the Fly Bin Number entry** option is enabled in the **Multibin Processing Options** the user is allowed to create a new bin number on the fly.

For adding new Bin number, enter a Bin Number in the To Bin Number field. A message is popup to confirm new Bin number creation.



Click **Yes** to open the **Bin Code Maintenance** and configure respective settings for the newly created Bin Number.



S Bin Number Distribution

Item Code HON 2 DRAWER LETTER FLE W/C

Unit of Measure

1. From Whse 000 Bins | 2. To Whse 001 Bins |

	To Bin Number	Available	Distribute
1	NEW-BIN	.00	5.00
2		.00	.00

From Bins Balance To Bins Balance

Adjustment Entry

Bin Distribution has been provided for Adjustment type transactions. The **Bin Distribution** button is available on the standard **Distribution Entry** screen allowing the user to distribute the adjusted quantities by bins if the warehouse is using bins.


The screenshot shows the 'Transaction Entry (ABC) 1/3/2018' window. The 'Transaction Type' is set to 'Adjustments' and the 'Entry Number' is '00000013'. The 'Quick Row' is set to '1'. The table below shows the transaction details:

	Item Code	Quantity	Unit Cost	Extension
1	1001-HON-H252	5.00	32.750	163.75
2		.00	.000	0.00

A 'Distribution Entry' popup window is open, showing the following details:

- Item Code: 1001-HON-H252
- Unit of Measure: EACH
- Description: HON 2 DRAWER LETTER FILE W.
- FIFO Date: 1/3/2018
- Receipt No.: 00000040
- Available: 100.00
- Distribute: 5.00
- Distribution Balance: .00

The 'Distribute' button is highlighted in yellow. At the bottom of the main window, it states 'On hand quantity in this warehouse is 153 EACH' and 'Total Amount 163.75'. The bottom buttons are 'Accept', 'Cancel', 'Delete', and a help icon.

After the quantity is fully distributed by bins the **Bin Distribution** button becomes yellow colored: . The Adjustment Entry cannot be accepted until the quantities are fully distributed by bins.

The **Bin Number Distribution** screen is automatically popup when the **Distribute** quantity is manually changed.

Item Code 1001-HON-H252 HON 2 DRAWER LETTER FLE W/C

Unit of Measure EACH

Bin Number	Available	Distribute
1	.00	.00

Show All Bins, Alt-L

Distribution Balance 5.00

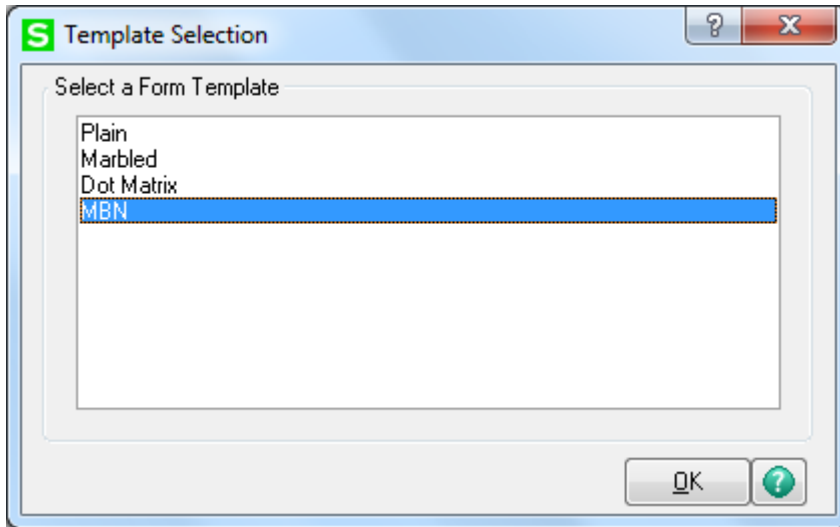
OK Cancel

The **Bin Number Distribution** entry accessed from the Adjustment type Transaction Entry is similar the one provided in the Sales, Issue and Receipt types Transaction entries.

Printings

Picking Sheet Printing

The **MBN** Form code has been added to the **Picking Sheet Printing Form Template Selection** to enable printing Bin distributions for each item on the picking sheet.



For MBN form the **Print Lot/Serial Distribution** checkbox is selected by default and disabled.

Picking Sheet Printing (ABC) 1/3/2018

Form Code: STANDARD

Description: MBN

Number of Copies: 1 ☒ Multi-Part Form Enabled

Order Type to Print: All ☐

Print Orders on Hold: ☒ ☐

Print Comments: Partial ☐

Print Bill Options: ☐ ☒

☒

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:

Selections

Select Field	Operand	Value
Order Number	All	
Warehouse Code	All	

Keep Window Open After

Print ☐ Preview ☐

Microsoft XPS Document Writer

In order to have the **Auto distribute by bin location** option enabled, it is necessary to turn on the **Pick Sheet Auto Distribution** option from the **Multibin Processing Options**.

Auto distribute by bin location- select this checkbox to auto distribute the sales orders lines distributed partially or not distributed at all.

Auto distribute by bin location ☒ Auto distribute from Back Ordered ☐

Refresh Distribution ☐ Auto distribute from Ordered ☐

Refresh Distribution – is enabled upon selecting the **Auto distribute by bin location** checkbox. This option allows for removing existing distributions and processing Sales orders lines auto distribution anew.

The **Auto distribute from Back Ordered** and **Auto distribute from Ordered** checkboxes are enabled if respective options are set in the **Multibin Processing Options**. **Auto distribute from Back Ordered** – this option allows for distributing sales order line by the “Qty ordered – Qty Back ordered”. If there is not enough quantity to distribute the program will auto distribute as much as possible and add the remaining quantity to Qty Backordered.

For example:

Ordered 10, BackOrdered 3, Distributed 0

With this option turned on, the program will try to distribute $10-3=7$ qty. The remaining qty that cannot be distributed will be added to the backordered qty. So if there are only 4 (from 7) available for distribution, then line quantities will become:

Ordered 10, BackOrdered 6, Distributed 4

Auto distribute from Ordered – this option allows for distributing sales order line by the Quantity Ordered. The quantities that cannot be distributed will be set as qty backordered. For example:

Ordered 10, BackOrdered 3, Distributed 0

With this option turned on, the program will try to distribute all 10 ordered quantities, remaining qty that cannot be distributed, will be sent as backordered. So if only 8 quantities from 10 can be distributed the line quantities will become:

Ordered 10, BackOrdered 2, Distributed 8.

For Lot/Serial Items the Bin Distribution is printed along with lot and serial distribution.

Picking Sheet Printing [Icons] 28 /33 [Icons]

Main Report

Page: 1

Picking Sheet

Warehouse: 001 EAST WAREHOUSE

OrderNumber: 0000193 Order Date: 2/27/2017
 CustomerNumber: 02-AMERCON Salesperson: 0400

Sold To: Ship To:
 American Concrete Service American Concrete Service
 11733 Cardinal Circle 11733 Cardinal Circle
 Anaheim, CA 92625 Anaheim, CA 92625
 Confirm To: Mike Thompson

Customer P.O.	Ship VIA MAIL	F. O. B.	Terms Net 30 Days
---------------	------------------	----------	----------------------

Location	Item Code	Unit	Ordered	Bin Qty	Shipped	Backordered
A-100-20	2480-8-50	EACH	25.00			
	DESK FILE 8" CAP 50					
	Lot Number: JAN10		25.00			
A-200-30	2568-3-25	EACH	13.00			
	DESK FILE 3 1/2" CAP 25					
	Lot Number: JAN10		13.00			
A-200-30	2568-3-25	EACH	12.00			
	DESK FILE 3 1/2" CAP 25					
	Lot Number: JAN10		12.00			
A-200-60	2551-3-50	EACH	10.00			
	DESK FILE 3 1/2" CAP 50					
	Lot Number: JAN10		10.00			

Current Page No.: 28 Total Page No.: 33 Zoom Factor: 100%

For regular Items only Bin distribution is printed:

Picking Sheet Printing

Page: 1

Picking Sheet

Warehouse: 002 WEST WAREHOUSE

Order Number: 0000193 Order Date: 2/27/2017
 Customer Number: 02-AMERCON Salesperson: 0400

Sold To: American Concrete Service
 11733 Cardinal Circle
 Anaheim, CA 92625
 Confirm To: Mike Thompson

Ship To: American Concrete Service
 11733 Cardinal Circle
 Anaheim, CA 92625

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

Location	Item Code	Unit	Ordered	Shipped	Backordered
E-300-10	1001-HON-H252	EACH	35.00		
	HON 2 DRAWER LETTER FLE WO LK				
E-300-20	1001-HON-H252LK	EACH	2.00		
	HON 2 DRAWER LETTER FLE W LOK				
E-300-30	1001-HON-H254	EACH	5.00		
	HON 4 DRAWER LETTER FLE WO LK				
E-300-40	1001-HON-H254LK	EACH	6.00		
	HON 4 DRAWER LETTER FLE W LOK				
D-200-10	4866-18-143	EACH	27.00		
	PAPER CADDY 18"Wx14"D 3TH				
D-300-20	6650-28-16-11	EACH	1.00		
	SOUND CVR 26"W 16"D 11"H DM				
D-300-10	6652-28-24-15	EACH	2.00		
	SOUND CVR 28"W 24"D 15"H LQ				
D-100-10	6655	EACH	1.00		
	PRINTER STAND W/ BASKET				
D-300-30	6657-24-20-12	EACH	1.00		
	SOUND CVR 24.5"W 20"D 12"H LQ				
E-200-20	ARS-9101	EACH	1.00		
	ART SPECIALTY WALNUT CHDL LAMP				
A-200-70	GB-EL04MS-07	EACH	1.00		
	RJ-11 4 WIRE MOD CABLE 7 FT				
A-200-40	GB-EQ380-10MF	EACH	50.00		
	CENTRONICS CABLE 10 FT MF				
	RJ-11 4 WIRE MOD CABLE 7 FT				
A-200-40	GB-EQ380-10MF	EACH	50.00		
	CENTRONICS CABLE 10 FT MF				

Current Page No.: 2 Total Page No.: 2 Zoom Factor: 90%

These are examples of Picking Sheets printed with **Print Picking Sheets by** option set to **Bin Location** in the Sales Order Options (Forms tab).

Picking Sheet Printing

Warehouse: 002 WEST WAREHOUSE
 OrderNumber: 0000143
 CustomerNumber: 02-ALLENAP
 Order Date: 5/15/2020
 Salesperson: 0400

Sold To:
 Allen's Appliance Repair
 18026 E. 10th
 Rear Building
 Fountain Valley, CA92875
 Confirm To: Jeff Allen

Ship To:
 Allen's Appliance Repair
 18026 E. 10th
 Rear Building
 Fountain Valley, CA92875

Customer P.O. Ship VIA F. O. B. Terms
 MAIL 2% Ten Days, Net 30 Days

Location	Item Code	Unit	Ordered	Shipped	Backordered
	1001-HON-H252	EACH	12.00		
HON 2 DRAWER LETTER FILE W/O LK	Bin Number: D-EFAULT				
	1001-HON-H252LK	EACH	12.00	8.00	
HON 2 DRAWER LETTER FILE W/LCK	Bin Number: D-EFAULT				
	1001-HON-H254	EACH	8.00	9.00	
HON 4 DRAWER LETTER FILE W/O LK	Bin Number: D-EFAULT				
	1001-HON-H254LK	EACH	9.00	1.00	
HON 4 DRAWER LETTER FILE W/LCK	Bin Number: D-EFAULT				
	2480-S-50	EACH	100.00		
DESK FILE 8" CAP 50	Lot Number: JAN10		100.00		
	Bin Number: D-EFAULT		100.00		
	2481-S-50	EACH	75.00		
DESK FILE 5 1/4" CAP 50	Lot Number: JAN10		65.00		
	Bin Number: D-EFAULT		65.00		
	Lot Number: MAR10		10.00		
	Bin Number: D-EFAULT		10.00		

Current Page No.: 19 Total Page No.: 20 Zoom Factor: 100%

And here are examples of Picking Sheets printed with **Print Picking Sheets** by option set to **Item**.

Picking Sheet Printing

Warehouse: 001 EAST WAREHOUSE
 OrderNumber: 0000194
 CustomerNumber: 01-ABF
 Order Date: 2/27/2017
 Salesperson: 0100

Sold To:
 American Business Futures
 2131N. 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

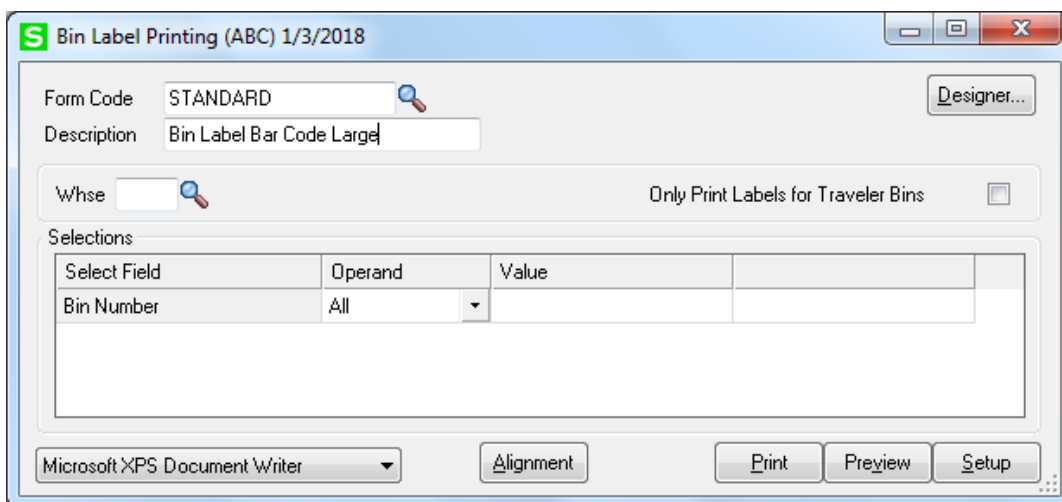
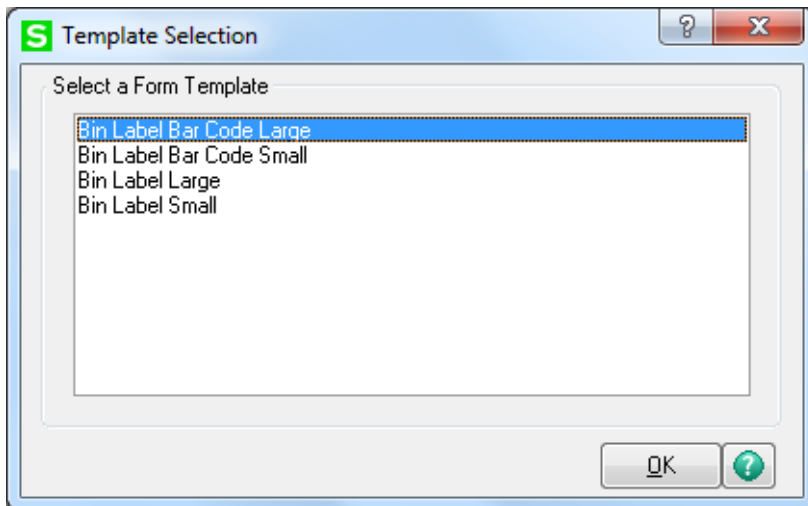
Customer P.O. Ship VIA F. O. B. Terms
 UPS BLUE Net 30 Days

Location	Item Code	Unit	Ordered	Shipped	Backordered
	1001-HON-H252	EACH	15.00		
HON 2 DRAWER LETTER FILE W/O LK	Bin Number: A-200-50		4.00		
	Bin Number: B-100-40		5.00		
	Bin Number: C-100-10		5.00		
	Bin Number: C-200-40		1.00		

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

Bin Label Printing

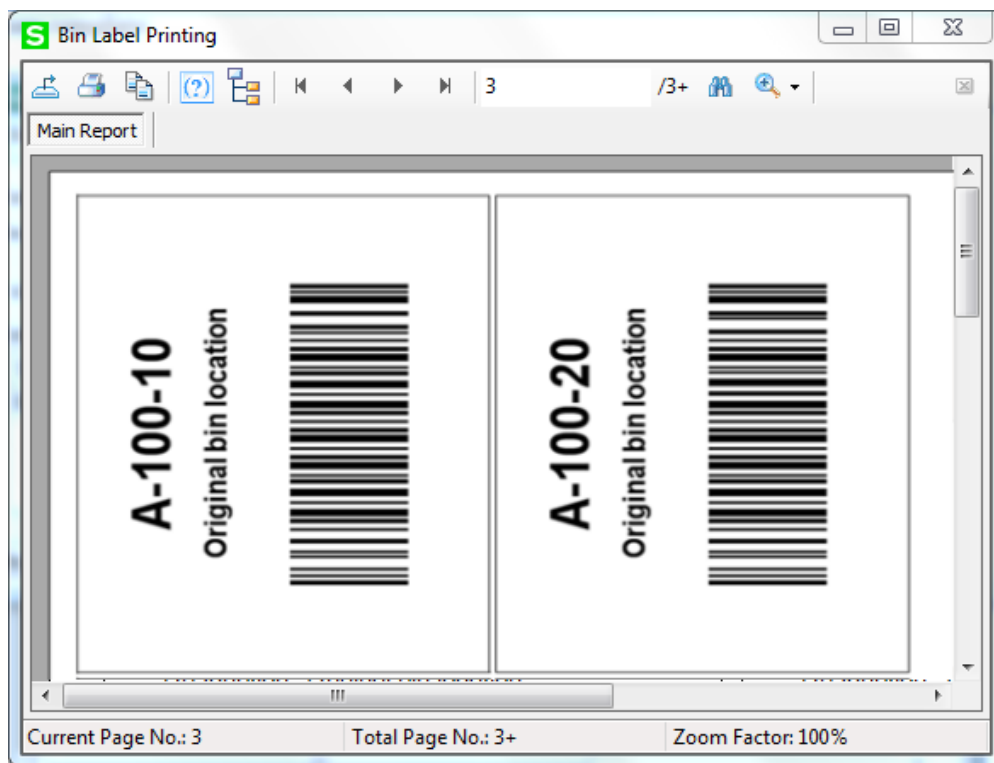
The **Bin Label Printing** program added under the **Reports** Menu of the **Inventory Management** module allows for printing **Bin Labels** and Bin Labels with bar code. The following templates are available:



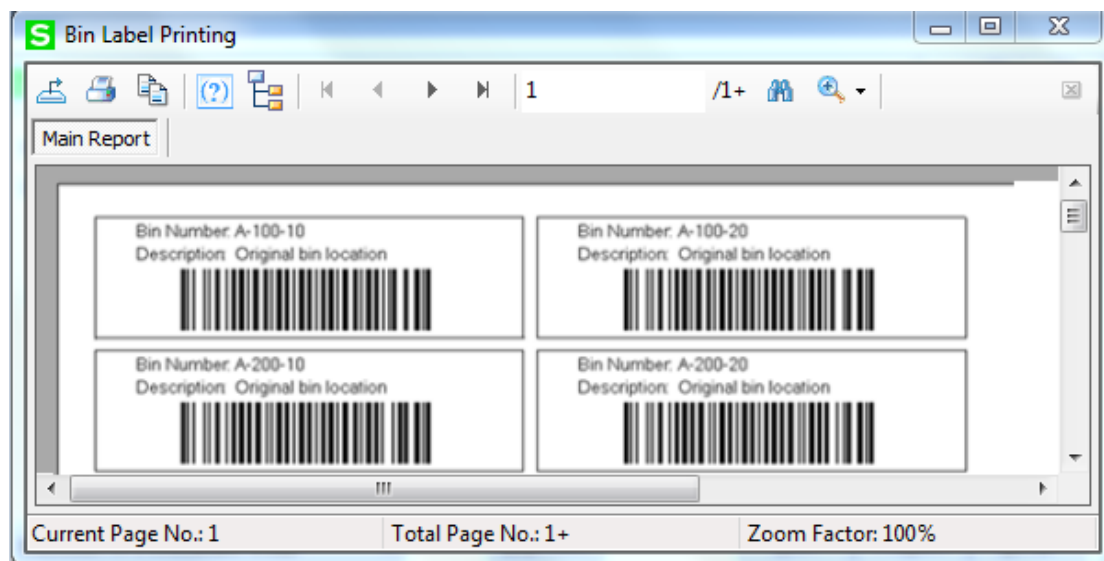
The **Bin Labels** can be filtered based on the following **Selection** criteria: Warehouse Code and Bin Location.

Select the **Only Print Labels for Traveler Bins** checkbox (is visible if the Enable Traveler Bin Processing checkbox is selected in the Multibin Processing Options) to include only Traveler bins in the Label printing.

Here is an example of printout for the Form code based on the **Label Bar Code Large** form template:



Here is an example of printout for the **Bin Label Bar Code Small** form template.



And here are the printouts for **Bin Label Large** and **Bin Label Small** form templates:

The screenshot shows the 'Bin Label Printing' application window. The main report area displays two large, empty rectangular boxes side-by-side. The left box is labeled 'A-100-100' and 'Original bin location'. The right box is labeled 'B-100-10' and 'Original bin location'. The status bar at the bottom indicates 'Current Page No.: 4', 'Total Page No.: 16', and 'Zoom Factor: 80%'.

The screenshot shows the 'Bin Label Printing' application window. The main report area displays four smaller rectangular boxes arranged in a 2x2 grid. Each box contains a 'Bin Number' and a 'Description'. The status bar at the bottom indicates 'Current Page No.: 2', 'Total Page No.: 2', and 'Zoom Factor: 100%'.

Bin Number: E-200-30 Description: Original bin location	Bin Number: E-200-40 Description: Original bin location
Bin Number: E-300-20 Description: Regular Bin Location	Bin Number: E-300-10 Description: Sales/Receiving Bin Location

Item Maintenance

The **Item Bin Distribution Detail** screen is accessible from the **Inventory Maintenance Main** tab (**Quantities** grid) and from the **Quantity** tab. This program is intended to allow the users tracking the Bin Distribution Detail by Item->Warehouse. Authorized users are allowed correcting Item Bin Committed Quantity if necessary.

Item Maintenance (ABC) 1/3/2018

Item Code: 1001-HON-H252
Description: HON 2 DRAWER LETTER FILE W/O LK

1. Main | 2. Additional | 3. Quantity | 4. History | 5. Transactions | 6. Orders | 7. Cost Detail

Product Line: WF&A WORKSTATION FURN & ACCESS
Product Type: Finished Good
Valuation: FIFO
Procurement: Buy
Weight: 35
Volume: 0.0000
Inventory Cycle: B

Unit of Measure:
 Standard: EACH
 Purchases: EACH
 Sales: EACH
 No. of EACH: 1

Price Code: STD STANDARD QUANTITY PRIC
Default Whse: 000 CENTRAL WAREHOUSE
Primary Vendor: 01-CONT Container Corporation Of Usa
Warranty Code: 30 DAY 30 days from shipment

Sales:
 Retail Price: 84.000
 Standard Price: 84.000
 Last Sold: 1/3/2018

Purchases:
 Standard Cost: 32.750
 Average Cost: 34.250
 Last Receipt: 1/3/2018

Last Costs:
 Item: 32.750
 Allocated: .000
 Total: 32.750

Quantities

Whse	Description	On Hand	On PO	On SO	On Bk Ord	Committed	Available	In Shipping
000	CENTRAL ...	153.00	1.00	69.00	.00	69.00	84.00	552.00
001	EAST WA...	1,102,383...	.00	244.00	4.00	248.00	1,102,135...	466.00
002	WEST WA...	5.00-	.00	82.00	10.00	92.00	97.00-	572.00
097	RETURNS ...	10.00	.00	.00	.00	.00	10.00	.00

Accept Cancel Delete

Select a warehouse using bins and click the **Bin Distribution Detail** button (or use the ALT+T key combination).

Warehouse Code: 001 EAST WAREHOUSE
Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK

	Bin Number	Committed	On Hand	On Hold For
2	A-100-10	32.00	2,223.00	Receiving
3	A-200-10	2.00	30.00	None
4	A-200-20	1.00	4,444,991.00	None
5	A-200-30	1.00	1.00	None
6	A-200-50	3.00	2.00	None
7	A-300-20	2.00	544.00	None
8	A-300-40	4.00	.00	None
9	C-200-40	1.00	24.00	None
10	DEFAULT__	.00	14.00	None
11	E-300-10	1.00	99,516.00	None

Remaining On Hand Qty Balance: .00
On Hand Qty Total: 1,102,382.00
Committed Qty Total: 58.00

Accept Cancel

For the users assigned to a Role with **Allow Editing Quantity Committed by Bin** and **Allow Editing Quantity On Hand by Bin** security events enabled in the Role Maintenance, the **Committed** and **On Hand** fields are open for editing.

Role: ADMIN
Description: Admin

1. Tasks | 2. Security Events | 3. Module Options | 4. SData Security | 5. ODBC Security

- ☒ General Ledger
- ☒ Inventory Management
 - ☒ Allow Access to Private Batches
 - ☒ Allow Automatic Display of Full Extended Item Description When Not in a Grid
 - ☒ Allow Defaulting of Quantity on Hand to Quantity Counted in Physical Count E
 - ☒ Allow Editing Quantity Committed by Bin
 - ☒ Allow Editing Quantity On Hand by Bin
 - ☒ Allow Inactive Items During I/M Transaction Entry
 - ☒ Allow Printing of Quantity on Hand on Physical Count Worksheet
 - ☒ Allow Purging of Item Audit
 - ☒ Allow Updating of Registers from Preview
 - ☒ Fix Bin Quantity Committed

Search... Accept Cancel Delete ?

S Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE
 Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK

	Bin Number	Committed	On Hand	On Hold For
1	99999999	9.00	9.00	None
2	A-100-10	32.00	2,223.00	Receiving
3	A-200-10	2.00	30.00	None
4	A-200-20	99,999.00	60.00	None
5	A-200-30	1.00	1.00	None
6	A-200-50	15.00	4,444,378.00	None
7	A-300-20	2.00	2.00	None
8	A-300-40	4.00	.00	None
9	C-200-40	1.00	24.00	None
10	DEFAULT__	.00	14.00	None

Remaining On Hand Qty Balance: 5.00
 On Hand Qty Total: 1,102,377.00
 Committed Qty Total: 100,068.00

Accept Cancel

S Item Bin Distribution Detail


Warehouse Code: 001 EAST WAREHOUSE
 Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK


	Bin Number	Committed	On Hand	On Hold For
1	99999999	9.00	9.00	None
2	A-100-10	32.00	2,223.00	Receiving
3	A-200-10	2.00	30.00	None
4	A-200-20	99,999.00	65.00	None
5	A-200-30	1.00	1.00	None
6	A-200-50	15.00	4,444,378.00	None
7	A-300-20	2.00	2.00	None
8	A-300-40	4.00	.00	None
9	C-200-40	1.00	24.00	None
10	DEFAULT__	.00	14.00	None

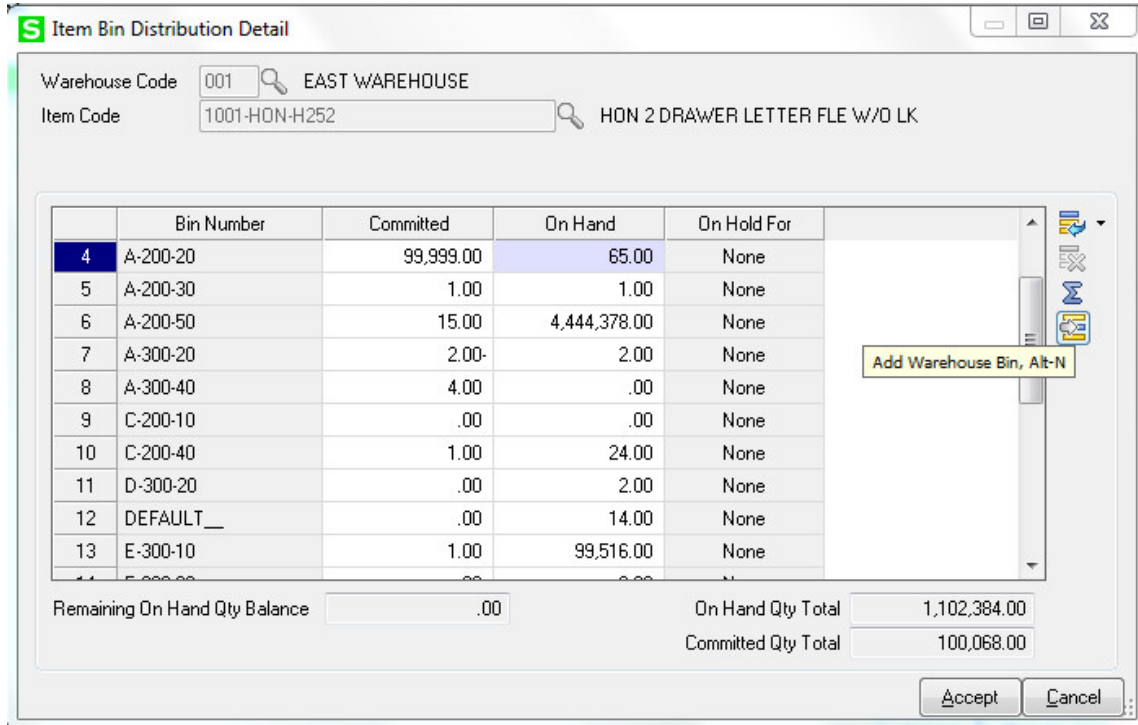
Remaining On Hand Qty Balance: .00
 On Hand Qty Total: 1,102,382.00
 Committed Qty Total: 100,068.00

Accept Cancel

The user may change the Quantity Committed and adjust the quantity On Hand so that to have the Qty On hand balanced.

The  button allows for balancing the Remaining On Hand Qty.

The  button allows for opening the Warehouse Bin Code list and adding a bin from the list.



Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE

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

	Bin Number	Committed	On Hand	On Hold For
4	A-200-20	99,999.00	65.00	None
5	A-200-30	1.00	1.00	None
6	A-200-50	15.00	4,444,378.00	None
7	A-300-20	2.00	2.00	None
8	A-300-40	4.00	.00	None
9	C-200-10	.00	.00	None
10	C-200-40	1.00	24.00	None
11	D-300-20	.00	2.00	None
12	DEFAULT__	.00	14.00	None
13	E-300-10	1.00	99,516.00	None

Remaining On Hand Qty Balance: .00

On Hand Qty Total: 1,102,384.00

Committed Qty Total: 100,068.00

Buttons: Accept, Cancel

Tooltip: Add Warehouse Bin, Alt-N

Select a bin with 0 quantities and press the Balance button.

The **Remaining On Hand Qty Balance (2)** is automatically set on the selected Bin.

S Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE
 Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK

	Bin Number	Committed	On Hand	On Hold For
16	SHIPPING	.00	2.00	None
17	T000000004	6.00	2.00	None
18	T000000007	.00	1,001,071.00	None
19	T000000009	.00	5.00	None
20	T000000010	.00	5.00	None
21	T000000011	.00	12.00	None
22	T000000015	.00	5.00	None
23	T000000016	.00	8.00	None
24	T000000018	.00	4,445,000.00	None
25	D-300-30	.00	2.00	None

Remaining On Hand Qty Balance: .00
 On Hand Qty Total: 1,102,384.00
 Committed Qty Total: 100,068.00

Buttons: Accept, Cancel

Tooltip: Add Warehouse Bin, Alt-N

The **Bin Maintenance** button is enabled at **Item Bin Distribution Detail** screen if **Allow On the Fly Bin number entry** is checked in the **Multibin Processing Options** screen.

S Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE
 Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK

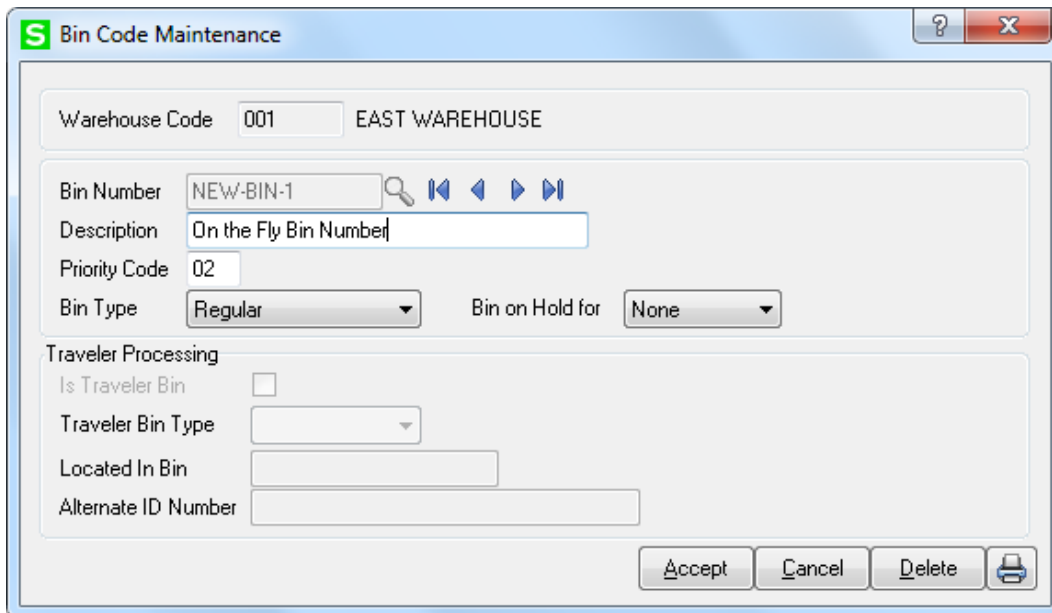
Bin Maintenance

	Bin Number	Committed	On Hand	On Hold For
1	A-100-10	15.00	1,159.99	Receiving
2	A-200-10	.00	21.00	None
3	A-200-20	99,998.00	64.00	None
4	A-200-30	.00	1.00	None
5	A-200-50	15.00	5,444,366.99	None
6	A-200-60	.00	2.00	None
7	A-200-70	.00	2.00	None
8	A-300-20	2.00	3.00	None
9	A-300-40	4.00	.00	None
10	B-100-10	.00	.00	None

Remaining On Hand Qty Balance: .00
 On Hand Qty Total: 1,102,280.00
 Committed Qty Total: 100,035.00

Buttons: Accept, Cancel

Click the **Bin Maintenance** button to open the **Bin Code Maintenance** screen. It allows to add bin number for the selected Warehouse and Item code.



S Bin Code Maintenance

Warehouse Code: 001 EAST WAREHOUSE

Bin Number: NEW-BIN-1

Description: On the Fly Bin Number

Priority Code: 02

Bin Type: Regular Bin on Hold for: None

Traveler Processing

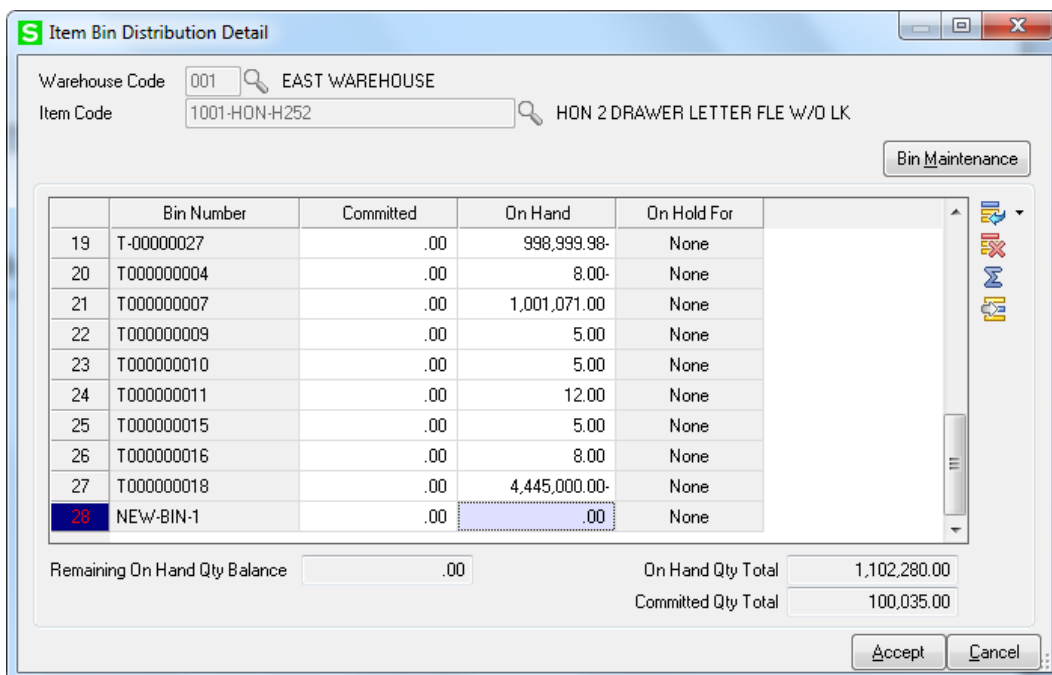
Is Traveler Bin: ☐

Traveler Bin Type:

Located In Bin:

Alternate ID Number:

Accept Cancel Delete



S Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE

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

Bin Maintenance

	Bin Number	Committed	On Hand	On Hold For
19	T-00000027	.00	998,999.98	None
20	T000000004	.00	8.00	None
21	T000000007	.00	1,001,071.00	None
22	T000000009	.00	5.00	None
23	T000000010	.00	5.00	None
24	T000000011	.00	12.00	None
25	T000000015	.00	5.00	None
26	T000000016	.00	8.00	None
27	T000000018	.00	4,445,000.00	None
28	NEW-BIN-1	.00	.00	None

Remaining On Hand Qty Balance: .00

On Hand Qty Total: 1,102,280.00

Committed Qty Total: 100,035.00

Accept Cancel

Item Inquiry

The **Item Bin Distribution Detail** can be viewed from the Inventory Inquiry program under Inventory Management Main menu.

S Item Inquiry (ABC) 1/3/2018

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

1. Main | 2. Additional | 3. Quantity | 4. History | 5. Transactions | 6. Orders | 7. Cost Detail

Product Line: WF&A WORKSTATION FURN & ACCESS
Product Type: Finished Good
Valuation: FIFO
Procurement: Buy

Weight: 35
Volume: 0.0000
Inventory Cycle: B

Unit of Measure: Standard EACH
Purchases EACH
Sales EACH

Price Code: STD STANDARD QUANTITY PRIC
Default Whse: 000 CENTRAL WAREHOUSE

Primary Vendor: 01-CONT Container Corporation Of Usa
Warranty Code: 30 DAY 30 days from shipment

Sales: Retail Price 84.000, Standard Price 84.000, Last Sold 1/3/2018
Purchases: Standard Cost 32.750, Average Cost 34.250, Last Receipt 1/3/2018
Last Costs: Item 32.750, Allocated .000, Total 32.750

Quantities

Whse	Description	On Hand	On PO	On SO	On Bk Ord	Committed	Available	In Shipping	C
000	CENTRAL ...	158.00	1.00	69.00	.00	69.00	89.00	552.00	
001	EAST WA...	1,102,385.00	.00	244.00	4.00	248.00	1,102,137.00		Bin Distribution Detail, Alt-T
002	WEST WA...	5.00	.00	82.00	10.00	92.00	97.00	572.00	
097	RETURNS ...	10.00	.00	.00	.00	.00	10.00	.00	

OK [Print] [Help]

Select a warehouse line and click the **Bin Distribution Detail** button to display the **Item Bin Distribution Detail** screen.

S Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE

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

	Bin Number	Committed	On Hand	On Hold For
2	A-100-10	32.00	2,223.00	Receiving
3	A-200-10	2.00	30.00	None
4	A-200-20	99,999.00	65.00	None
5	A-200-30	1.00	1.00	None
6	A-200-50	15.00	4,444,378.00	None
7	A-300-20	2.00	2.00	None
8	A-300-40	4.00	.00	None
9	C-200-10	.00	.00	None
10	C-200-40	1.00	24.00	None
11	D-300-20	.00	2.00	None

On Hand Qty Total: 1,102,384.00

Committed Qty Total: 100,068.00

OK

The **Item Bin Distribution Details** screen looks slightly different for Lot/Serial items. For Lot/Serial items, the information is displayed by lots/serials:

S Item Bin Distribution Detail

Warehouse Code: 001 EAST WAREHOUSE

Item Code: 2480-8-50 DESK FILE 8" CAP 50

	Lot/Serial No.	Bin Number	Committed	On Hand	On Hold For
2	JAN10	99999999	1.00	2.00	None
3	JAN10	A-100-10	985,197.00	11,441,488.00	Receiving
4	JAN10	A-100-20	10,096.00	10,096.00	None
5	JAN10	A-200-10	.00	2.00	None
6	JAN10	A-200-50	4,558.00	200.00	None
7	JAN10	A-300-40	78.00	.00	None
8	JAN10	C-100-10	4,700.00	4,997.00	None
9	JAN10	FR-KLF-01	.00	100.00	None
10	JAN10	SHIPPING	4.00	7.00	None
11	JAN10	T000000001	999,999.00	55,496.00	None

On Hand Qty Total: 11,502,393.00

Committed Qty Total: 2,006,366.00


OK

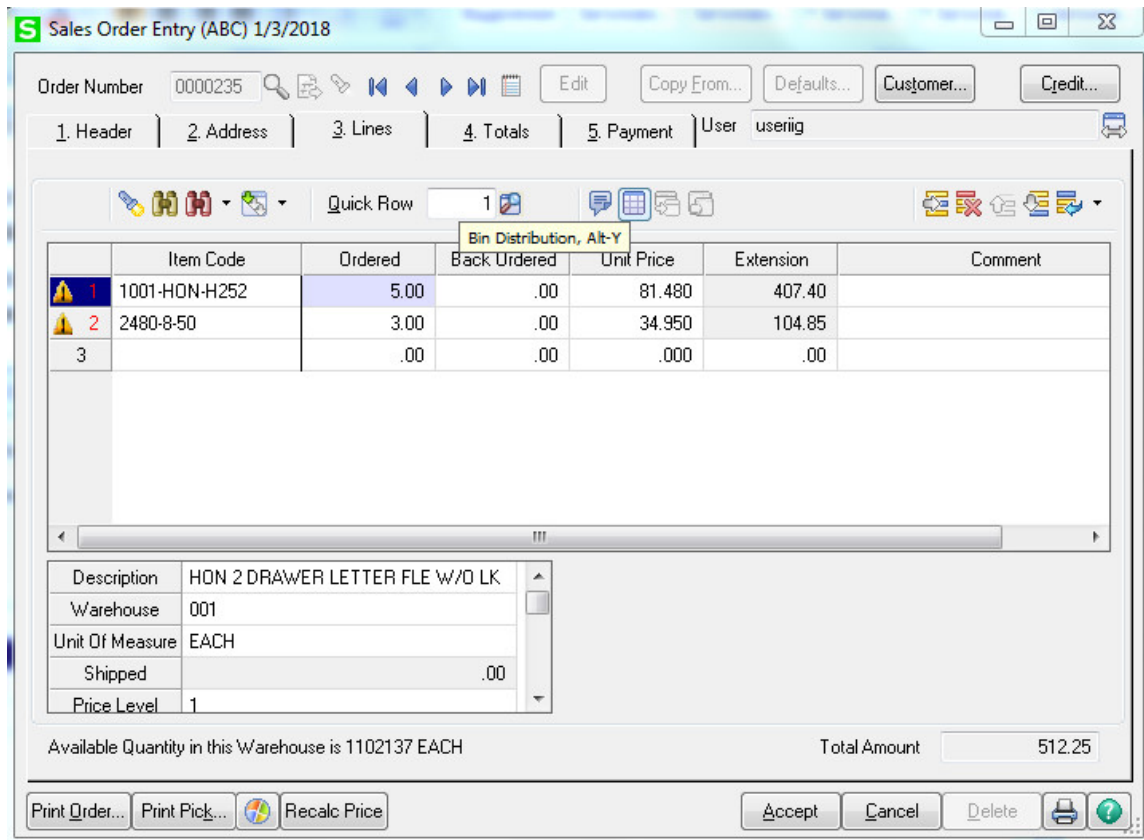
Sales Order Entry

When entering Sales Orders into the system, items can be allocated from Bins and carried through on the invoice automatically.

Bin distribution may be done automatically or manually.

Auto distribution by bins is available if the **Sale From Bin By** option on the **Multibin Processing Options** screen is not set to None.

For manual distribution use the **Bin Distribution**  button to access the **Bin Number Distribution** screen. It can also be accessed using the Alt-Y hot key.



Sales Order Entry (ABC) 1/3/2018

Order Number: 0000235

1. Header | 2. Address | 3. Lines | 4. Totals | 5. Payment | User: useriig

Quick Row: 1

Bin Distribution, Alt-Y

	Item Code	Ordered	Back Ordered	Unit Price	Extension	Comment
1	1001-HON-H252	5.00	.00	81.480	407.40	
2	2480-8-50	3.00	.00	34.950	104.85	
3		.00	.00	.000	.00	

Description: HON 2 DRAWER LETTER FLE W/O LK
Warehouse: 001
Unit Of Measure: EACH
Shipped: .00
Price Level: 1

Available Quantity in this Warehouse is 1102137 EACH

Total Amount: 512.25

Print Order... Print Pick... Recalc Price Accept Cancel Delete

The screenshot shows the 'Bin Number Distribution' window. At the top, the 'Item Code' is '1001-HON-H252' and the description is 'HON 2 DRAWER LETTER FILE W/C'. The 'Unit of Measure' is 'EACH'. Below this is a table with columns 'Bin Number', 'Available', and 'Distribute'. The first row (Bin 1) has 'Available' and 'Distribute' values of '.00'. To the right of the table is a toolbar with icons for adding, deleting, and summing bins, and an 'Auto' button. A tooltip for the 'Auto' button reads 'Auto Bin Distribution , Alt T'. At the bottom, the 'Distribution Balance' is '5.00'. 'OK' and 'Cancel' buttons are at the bottom right.

Bin Number	Available	Distribute
1	.00	.00

Distribution Balance: 5.00

Pressing the **Auto** button will automatically allocate the quantity ordered from the first bin location, which is not on Hold for Sale, and there is enough quantity to allocate.

The screenshot shows the 'Bin Number Distribution' window after the 'Auto' button has been pressed. The 'Item Code' and 'Unit of Measure' remain the same. The table now has two rows: Bin 1 with 'Available' 2,186.00 and 'Distribute' 5.00, and Bin 2 with 'Available' .00 and 'Distribute' .00. The 'Distribution Balance' is now '.00'. The 'Auto' button and its tooltip are still visible.

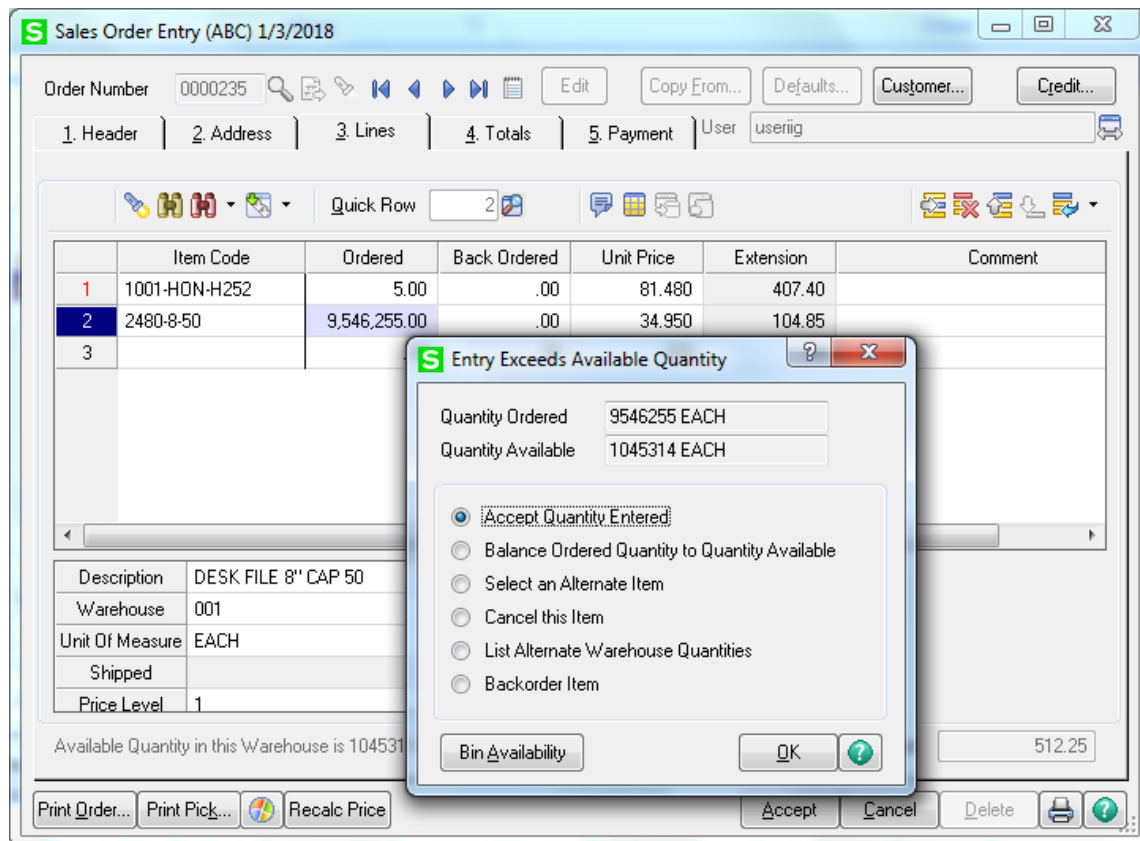
Bin Number	Available	Distribute
1	2,186.00	5.00
2	.00	.00

Distribution Balance: .00

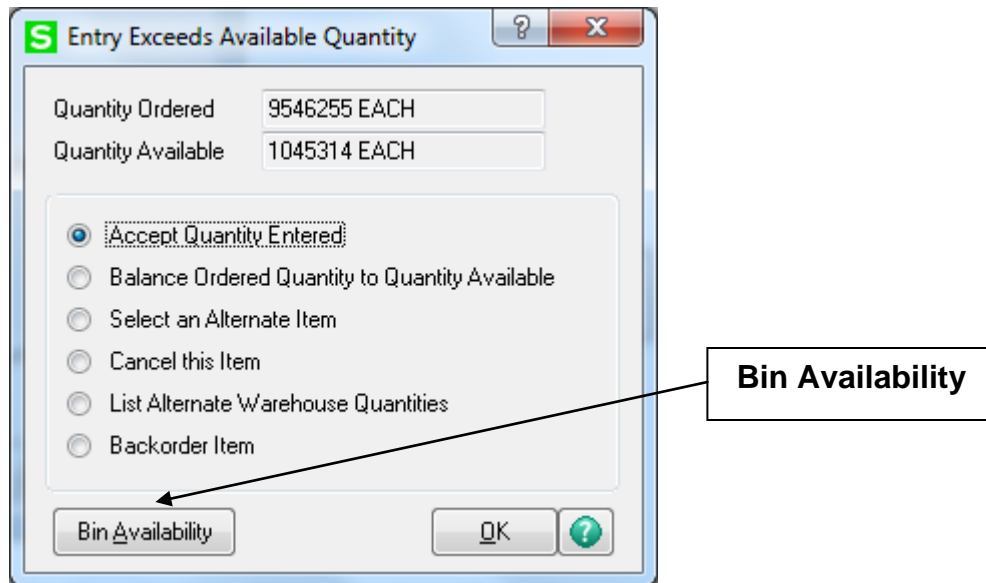
*Note: Bin Distribution in the Sales Order Entry is available only if the **Lot/Serial Distribution in Sales Order Entry** option is enabled in the Sales Order options.*

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 quantity available in the selected warehouse, the **Entry Exceeds Available Quantity** screen is displayed.



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

Bin Distribution Details

Item Code: 2480-8-50 DESK FILE 8" CAP 50

Warehouse Code: 001 EAST WAREHOUSE Unit of Measure: EACH

Lot/Serial No.	Bin Number	Comitted	On Hand	Available
JAN10	99999999	2.00	2.00	.00
JAN10	A-100-10	985,199.00	11,441,488.00	10,456,289.00
JAN10	A-100-20	10,096.00	10,096.00	.00
JAN10	A-200-10	.00	2.00	2.00
JAN10	A-200-50	4,558.00	200.00	4,358.00
JAN10	A-300-40	78.00	.00	78.00
JAN10	C-100-10	4,700.00	4,997.00	297.00
JAN10	FR-KLF-01	.00	100.00	100.00

Total Available Qty: 9,496,024.00

Total On Hand Qty: 11,502,393.00

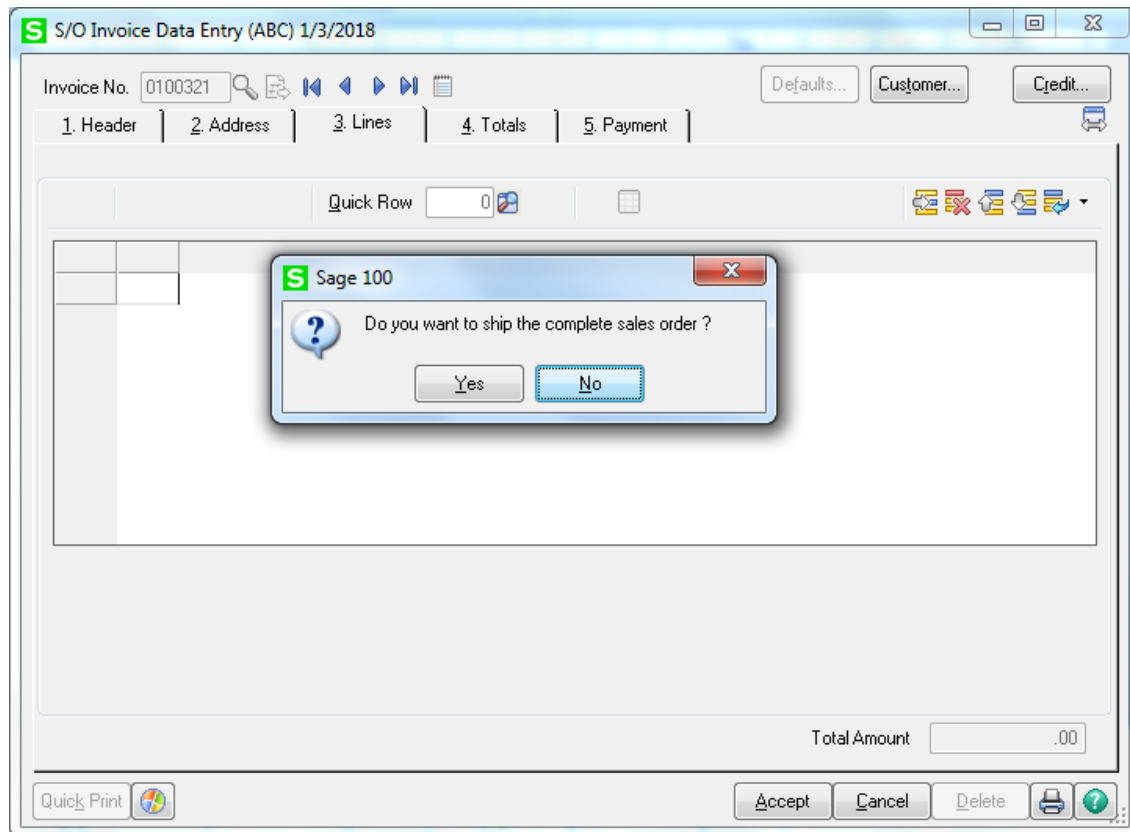
Total Committed Qty: 2,006,369.00

OK

S/O Invoice Data Entry

The **Invoice Data Entry** program under the **Sales Order Main** menu is modified to enable Bin Distribution.

Once all necessary information has been entered on the first two tabs, click the **Lines** tab. In case you are invoicing a Sales Order, a message appears asking whether all the quantities ordered on the sales order will be shipped or not.



Shipping the complete order (**Yes** is selected) means that all the quantities ordered will be shipped entirely, with the quantity shipped equal to the quantity "**Ordered – Back Ordered**" for **Standard** type orders and quantity **Back Ordered** for **Back Order** type orders.

In this case the Sales Order distribution is carried over from the Sales Order to Invoice.

The screenshot displays the 'S/O Invoice Data Entry (ABC) 1/3/2018' window. The main window shows a table with columns: Item Code, Ordered, Shipped, Unit Price, Extension, and Comment. The table contains three rows of data. A 'Bin Number Distribution' dialog box is open, showing the 'Item Code' as '1001-HON-H252' and 'Unit of Measure' as 'EACH'. The dialog box contains a table with columns: Bin Number, Available, and Distribute. The table has three rows of data. The 'Distribution Balance' is shown as '.00'. The dialog box has 'OK' and 'Cancel' buttons.

Item Code	Ordered	Shipped	Unit Price	Extension	Comment
1 1001-HON-H252	20.00	20.00	78.120	1,562.40	
2 2480-8-50	5.00	5.00	33.902	169.51	
3 D1700	2.00	2.00	900.000	1,800.00	

Bin Number	Available	Distribute
1 A-100-10	2,166.00	15.00
2 DEFAULT__	12.00	2.00
3 A-200-10	22.00	3.00
4	.00	.00

Distribution Balance: .00

The distribution can be reviewed and/or changed on this **Bin Number Distribution** screen.

Note that an invoice cannot be accepted with lines not fully distributed by bins.

Production Entry

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

Production Entry (ABC) 1/3/2018

Production Number 0000021 Batch 00013 Defaults...

1. Header 2. Lines

Production Date 1/3/2018

Bill Number D1400 EXECUTIVE DESK ENSEMBLE

Bill Type Kit

Revision 000

Option Code

Quantity 5.00

Unit of Measure EACH

Effective Date 1/3/2018

Parent Warehouse 000 CENTRAL WAREHOUSE

Parent Bin A-100-10 Original bin location

Component Warehouse 001 EAST WAREHOUSE

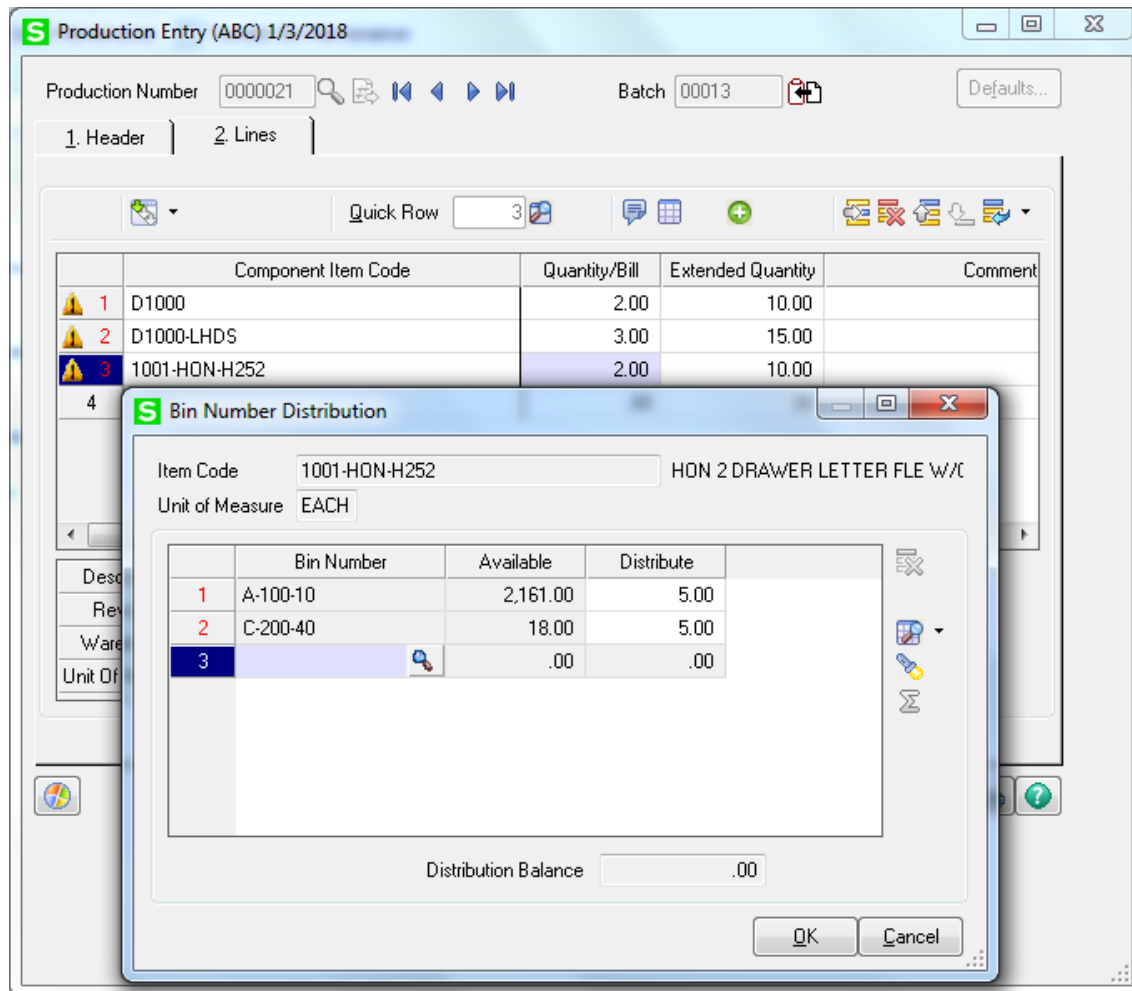
Explode Sub-Assemblies ☐

Accept Cancel Delete Print Help

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

In the **Lines** tab, a yellow exclamation point appears next to the line number indicating the line item must be distributed by bins if the line warehouse has bins.

The **Bin Number Distribution** screen is automatically opened when the line Quantity is changed.



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.

S Production Entry (ABC) 1/3/2018

Production Number 0000024 Batch 00013 Defaults...

1. Header 2. Lines

Quick Row 3

	Component Item Code	Quantity/Bill	Extended Quantity	Comment
1	D1000-LHDS	3.00	6.00	
2	1001-HON-H252	2.00	4.00	
3	2480-8-50	2.00	4.00	
4				

S Lot/Serial Number Distribution

Item Code 2480-8-50 DESK FILE 8" CAP 50
Unit of Measure EACH

	Lot Number	Available	Distribute
1	JAN10	10,457,684.00	2.00
2	JUN2018	1,498.00	2.00
3		.00	.00

Bin Distribution, Alt-J

Distribution Balance .00

OK Cancel

S Bin Number Distribution

Item Code 2480-8-50 DESK FILE 8" CAP 50
Unit of Measure EACH Lot/Serial No JAN10

	Bin Number	Available	Distribute
1	A-100-10	10,456,682.00	2.00
2		.00	.00

Distribution Balance .00

OK Cancel

The **Item Code**, **Unit of Measure** and **Lot/Serial Number** are displayed on the Bin Distribution screen.

Disassembly Entry

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

The screenshot shows the 'Disassembly Entry (ABC) 1/3/2018' window. The 'Distribute...' button is circled in blue. The window contains the following fields and values:

- Disassembly Number: 0000014
- Disassembly Date: 1/3/2018
- Bill Number: D1400
- Bill Type: Kit
- Revision: 000
- Option Code: (empty)
- Quantity: 2.00
- Unit of Measure: EACH
- Effective Date: 1/3/2018
- Parent Warehouse: 000
- Component Warehouse: 000
- Disassembly Type: Produced Item
- Explode Sub-Assemblies: ☐

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

Item Code: D1400 EXECUTIVE DESK ENSEMBLE

Unit of Measure: EACH

	Bin Number	Available	Distribute
1	A-100-10	4.00	1.00
2	DEFAULT__	4.00	1.00
3		.00	.00

Distribution Balance: .00

OK Cancel

On the **Lines** tab, the **Bin Number Distribution** screen works similar to everywhere else.

S Disassembly Entry (ABC) 1/3/2018

Disassembly Number 0000014

1. Header 2. Lines

Quick Row 3

	Component Item Code	Quantity/Bill	Extended Quantity	Comment
1	D1000-LHDS	3.00	6.00	
2	1001-HON-H252	2.00	4.00	
3	2480-8-50	2.00	4.00	
4		.00	.00	

Description	DESK FILE 8" CAP 50
Revision	000
Warehouse	000
Unit Of Measure	EACH

Accept Cancel Delete

Return Merchandise Authorization

The **Bin Distribution Entry** screen in the **RMA Entry** and **RMA Receipt Entry** programs works similar to the entries described above.

The screenshot shows the 'RMA Entry (ABC) 1/3/2018' window. The 'RMA Number' field contains '0000016'. The '1. Header' tab is selected. A table of RMA lines is visible:

	Invoice No.	Item Code	Return Reason	Cust Action	Return Qty	Item Action	Rep
1	0100080	1001-HON-H252	DEFECTIVE	Replacemer	20.00	None	1001-H
2	0100080	2480-8-50	DEFECTIVE	Replacemer	5.00	None	2480-8
3							
4							

The 'Bin Number Distribution' dialog box is open, showing the 'Item Code' as '1001-HON-H252' and 'Unit of Measure' as 'EACH'. The dialog contains a table with the following data:

	Bin Number	Available	Distribute
1	A-100-10	2,161.00	5.00
2	A-200-10	21.00	2.00
3	A-200-50	4,444,363.00	6.00
4	E-300-10	99,515.00	7.00
5		.00	.00

The 'Distribution Balance' field at the bottom of the dialog shows '.00'. The 'OK' and 'Cancel' buttons are at the bottom right.

Bin distribution in the Return Merchandise Authorization module is available only 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.

S/O Invoice Data Entry (ABC) 1/3/2018

Invoice No. 0100324

Defaults... Customer... Credit...

1. Header | 2. Address | 3. Lines | 4. Totals | 5. Payment

Quick Row 2

	Item Code	Ordered	Shipped	Unit Price	Extension	Comment
1	GB-MD791	3.00	1.00	1,995.000	1,995.00	
2	1001-HON-H252	4.00	4.00	84.000	336.00	
3	/RESTCK	.00	.00	.000	6.72	
4						

Bin Number Distribution

Item Code 1001-HON-H252 HON 2 DRAWER LETTER FILE W/C

Unit of Measure EACH

	Bin Number	Available	Distribute
1	A-100-10	2,157.00	4.00
2		.00	.00

Distribution Balance .00

OK Cancel

Quick Print

2,324.28

Delete

Bin Status Report

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

Bin Status Report (ABC) 1/3/2018

Report Setting: STANDARD [Save]

Description: Bin Status Report

Setting Options:

- Type: Public
- Print Report Settings: ☐
- Number of Copies: 1
- Default Report: ☒
- Three Hole Punch: ☐
- Collated: ☒

Options:

- Print Negative Only: ☐

Selections:

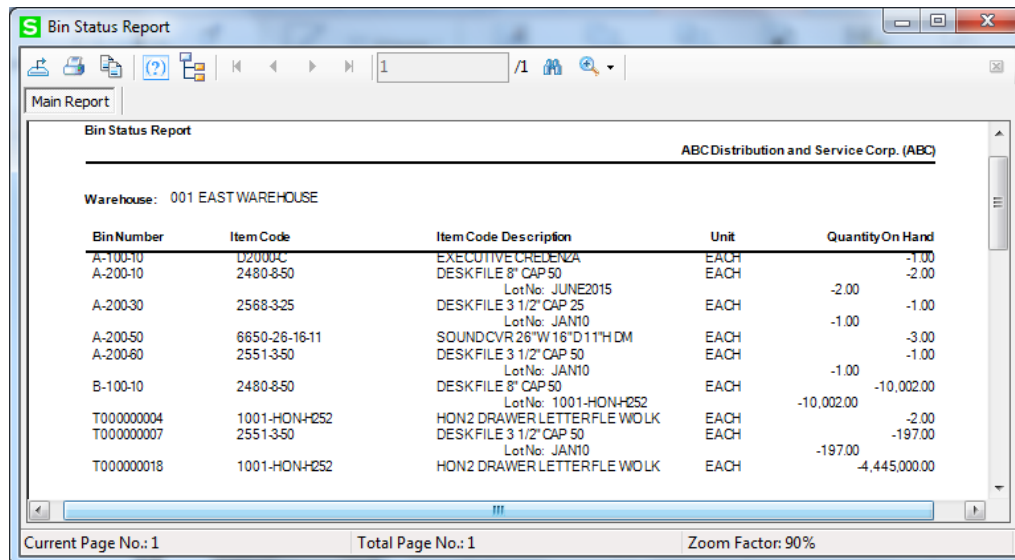
Select Field	Operand	Value
Warehouse	All	
Bin Number	All	
Item Code	All	

Microsoft XPS Document Writer [Keep Window Open After Print ☐ Preview ☐] [Print] [Preview] [Setup]

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

Bin Status Report				
ABC Distribution and Service Corp. (ABC)				
Warehouse: 001 EAST WAREHOUSE				
Bin Number	Item Code	Item Code Description	Unit	Quantity On Hand
99999999	1001-HONH252	HON 2 DRAWER LETTER FLEW/OLK	EACH	9.00
	1001-HONH254	HON 4 DRAWER LETTER FLEW/OLK	EACH	1.00
	1001-HON-H254LK	HON 4 DRAWER LETTER FLEW/ LOK	EACH	1.00
	2480-8-50	DESKFILE 8"CAP 50	EACH	4.00
		Lot No: JAN10		2.00
A-100-10		Lot No: JUNE2015		2.00
	1001-HONH252	HON 2 DRAWER LETTER FLEW/OLK	EACH	2,223.00
	1001-HONH254	HON 4 DRAWER LETTER FLEW/OLK	EACH	1.00
	1001-HON-H254LK	HON 4 DRAWER LETTER FLEW/ LOK	EACH	2.00
	2480-8-50	DESKFILE 8"CAP 50	EACH	11,441,888.00
		Lot No: JAN10		11,441,888.00
	2551-3-50	DESKFILE 3 1/2" CAP 50	EACH	2.00
		Lot No: JAN10		2.00
	D1000	DESK72"X 30"	EACH	23.00
	D1700	SECRETARY DESK ENSEMBLE	EACH	20.00
	D2000C	EXECUTIVE CREDENZA	EACH	-1.00
	GB-MD750	MODEM 9600 (SYNCHRONOUS)	EACH	1.00
		Serial No: 831260		1.00
	GB-MD751	MODEM 9600 FAST POLL	EACH	1.00
		Serial No: 1555		1.00
A-100-20	2480-8-50	DESKFILE 8"CAP 50	EACH	11,996.00
		Lot No: JAN10		10,496.00
		Lot No: JUNE2015		1,500.00
	1001-HONH252	HON 2 DRAWER LETTER FLEW/OLK	EACH	30.00
	2480-8-50	DESKFILE 8"CAP 50	EACH	207.00
		Lot No: JAN10		202.00
		Lot No: JUNE2015		-2.00
		Lot No: MARCH2017		7.00
	1001-HONH252	HON 2 DRAWER LETTER FLEW/OLK	EACH	65.00
	1001-HONH252	HON 2 DRAWER LETTER FLEW/OLK	EACH	1.00
A-200-30	2568-3-25	DESKFILE 3 1/2" CAP 25	EACH	-1.00
		Lot No: JAN10		-1.00
	GB-MD751	MODEM 9600 FAST POLL	EACH	1.00
		Serial No: 1165		1.00
	2551-3-50	DESKFILE 3 1/2" CAP 50	EACH	700.00
A-200-40		Lot No: JAN10		700.00
	1001-HONH252	HON 2 DRAWER LETTER FLEW/OLK	EACH	4,444,378.00
	2480-8-50	DESKFILE 8"CAP 50	EACH	200.00
		Lot No: JAN10		200.00
	6650-26-16-11	SOUND CVR 26"W 16"D 11"H DM	EACH	-3.00
	GB-MD751	MODEM 9600 FAST POLL	EACH	1.00
		Serial No: 1422		1.00
	2551-3-50	DESKFILE 3 1/2" CAP 50	EACH	-1.00
		Lot No: JAN10		-1.00
	D1000	DESK72"X 30"	EACH	25.00
A-200-70	D1000-LHCONNECT	RIGHT-HAND DUAL-DESK CONNECTOR	EACH	1.00

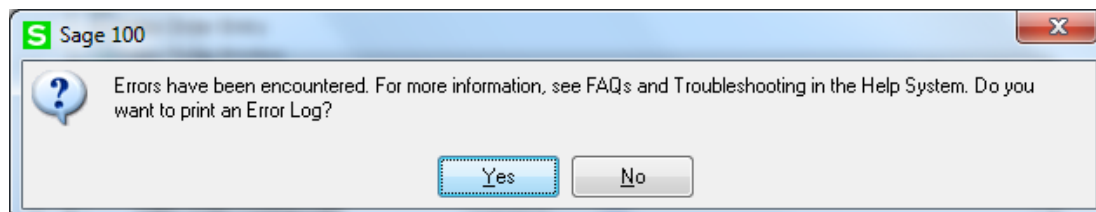
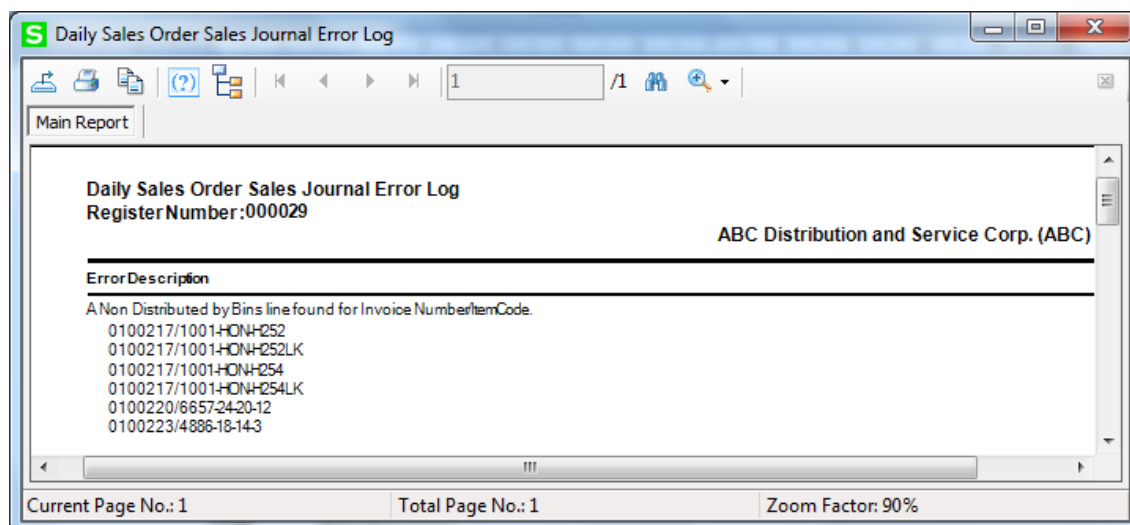
If the **Print Negative Only** check box is selected, only the Items with negative Quantity On Hand will be printed.



Bin Number	Item Code	Item Code Description	Unit	Quantity On Hand
A-100-10	D20004C	EXECUTIVE CREDENZA	EACH	-1.00
A-200-10	2480-8-50	DESK FILE 8" CAP 50	EACH	-2.00
		LotNo: JUNE2015		-2.00
A-200-30	2568-3-25	DESK FILE 3 1/2" CAP 25	EACH	-1.00
		LotNo: JAN10		-1.00
A-200-50	6650-26-16-11	SOUNDCVR 26"W 16"D 11"H DM	EACH	-3.00
A-200-80	2551-3-50	DESK FILE 3 1/2" CAP 50	EACH	-1.00
		LotNo: JAN10		-1.00
B-100-10	2480-8-50	DESK FILE 8" CAP 50	EACH	-10,002.00
		LotNo: 1001-HONH-252		-10,002.00
T000000004	1001-HONH-252	HON2 DRAWER LETTERFLE WDLK	EACH	-2.00
T000000007	2551-3-50	DESK FILE 3 1/2" CAP 50	EACH	-197.00
		LotNo: JAN10		-197.00
T000000018	1001-HONH-252	HON2 DRAWER LETTERFLE WDLK	EACH	-4,445,000.00

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.

ErrorDescription
A Non Distributed by Bins line found for Invoice Number
Item Code
0100217/1001-HONH-252
0100217/1001-HONH-252LK
0100217/1001-HONH-254
0100217/1001-HONH-254LK
0100220/6657-24-20-12
0100223/4886-18-14-3

Bin Transfer Entry

The **Bin Transfer Entry** program has been added under the **Inventory Management Main** menu to allow transferring items from one Bin Location to another within the same warehouse.

Use **Bin Transfer Batch Entry** to create, verify and merge batches. Batch Entry allows also renumbering or modifying your next batch number. Batch Entry allows multiple Bin Transfer Entry sessions to take place simultaneously in the same data entry task. Each session has a unique batch number assigned automatically or manually by the user. Each Bin transfer batch can be printed and updated independently, without affecting other batches. Bin Transfer Batches can be specified as private, accessible only by the user who created them.

The transfers are not posted until the batch is printed and the user accepts the Batch Transfer Register.

The screenshot shows the 'Bin Transfer Entry (ABC) 1/3/2018' window. It features a top toolbar with navigation icons and a 'Batch' field. Below this is a 'Quick Row' section with a dropdown and a 'Pin' icon. The main area contains a table with columns for 'Description', 'Product Line', 'Product Type', and 'Unit Of Measure'. A modal window titled 'I/M Bin Transfer Entry Batch' is open over the table. This modal has fields for 'Batch Number', 'Comment', and 'Private Batch' (checkbox). It also includes buttons for 'Modify...', 'Verify', 'Renumber...', and 'Merge...'. At the bottom of the modal are 'Accept', 'Cancel', and 'Delete' buttons, along with a help icon. The main window's bottom section has checkboxes for 'Keep Warehouse', 'Keep Item', and 'Keep From Bin', all of which are checked, and another set of 'Accept', 'Cancel', and 'Delete' buttons with a printer icon.

The **I/M Bin Transfer Entry Batch** screen is popup if Batch processing for **Bin Transfer Entry** is enabled in the **MBN Options**.

Enter a batch number, or click the **Next Number** button to accept the next automatically incremented batch number. Click the **Lookup** button to list all batch numbers.

Click **Accept** to continue.

The **Bin Transfer Entry** screen is opened. Enter the **Transfer** entry number, or click the Lookup button to list all transfer entry numbers. Click the Next Bin transfer Number button to select the next automatically incremented number available for this field.

Bin Transfer Entry (ABC) 1/3/2018

Entry Number: [] Batch: 00014

Next Bin Transfer Number, Alt-X

Quick Row: 1

	Warehouse	Item Code	Lot/Serial No.	From Bin	Quantity To Transfer	To Bin

Description: []
Product Line: []
Product Type: []
Unit Of Measure: []

Keep Warehouse ☒ Keep Item ☒ Keep From Bin ☒

Accept Cancel Delete

Select Warehouse Code and Item Number in the grid.

Upon selecting/entering Item Code the Description, Product Line, Product Type and Unit of Measure fields added in the secondary grid are populated with respective values from Item Master file. Transfers are processed only with Standard Unit of Measure.

Bin Transfer Entry (ABC) 1/3/2018

Entry Number: 0000000021 Batch: 00014

Quick Row: 1

	Warehouse	Item Code	Lot/Serial No.	From Bin	Quantity To Transfer	To Bin
1	000	1001-HON-H252		A-100-20	2.00	B-100-10
2	001	1001-HON-H252		C-200-40	2.00	A-200-60
3	002	1001-HON-H252		A-200-30	1.00	C-100-30
4	000	2480-8-50	JAN10	C-100-10	2.00	D-300-10
5					.00	

Description: HON 2 DRAWER LETTER FLE W/O LK
Product Line: WF&A
Product Type: F
Unit Of Measure: EACH

Available Quantity in A-100-20 Bin is 14 EACH

Keep Warehouse ☒ Keep Item ☒ Keep From Bin ☒

Accept Cancel Delete

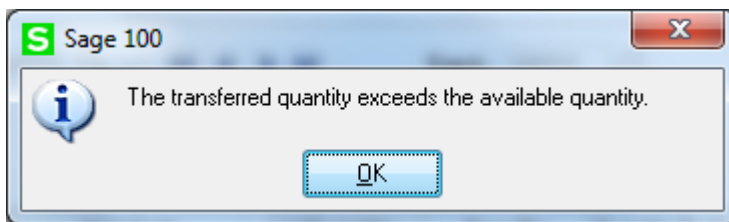
The **Lot/Serial No** field is enabled for Lot/Serial Items allowing the user to select the Lot/Serial No to be transferred.

From bin-select the bin from which the quantity should be moved.

Just after From Bin is selected the Quantity available for current line item is displayed below the grid.


Quantity to Transfer- enter the quantity to be transferred.

The following message appears if the entered **Quantity To Transfer** exceeds the quantity available in current Bin (the **Allow Negative Distribution** option is not turned On):



To Bin –select/enter the Bin number where the quantity should be located.

Select the lookup button on the line to list the Bins already processed. Click the

Flashlight button  above the grid to list all Bin locations for current warehouse and select one from that list to transfer to.

Keep Warehouse, Keep From Bin, and Keep Item check boxes are intended for making the line entry easier. If the checkboxes are selected the previous line's Warehouse Code, Item code and From Bin values will be automatically loaded when entering a new line in current Transfer Entry.

These checkboxes are selected by default.

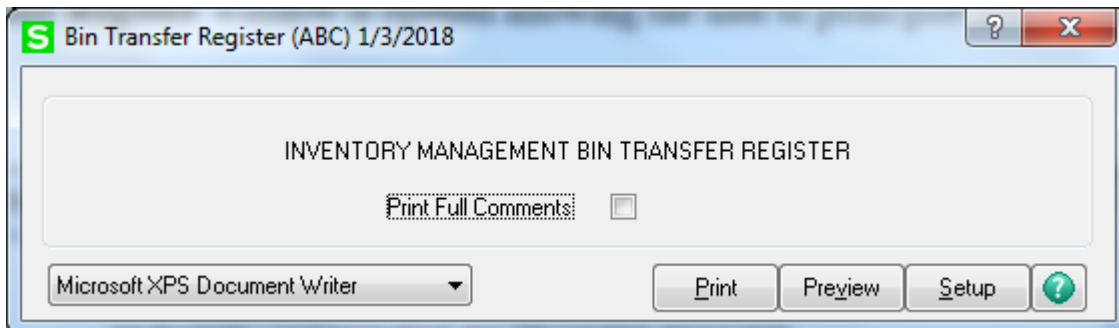
The **Print** button allows opening the **Bin Transfer Register** program. If batch Processing is enabled for Bin Transfer the **Print I/M Bin Transfer Batch Entry** screen is opened upon pressing the **Print** button.

	Batch	Print	Status	User ID	Private	Comment	Entries
1	00013	<input checked="" type="checkbox"/>	Available	IIG	<input type="checkbox"/>		2
2	00014	<input checked="" type="checkbox"/>	Available	IIG	<input type="checkbox"/>		2

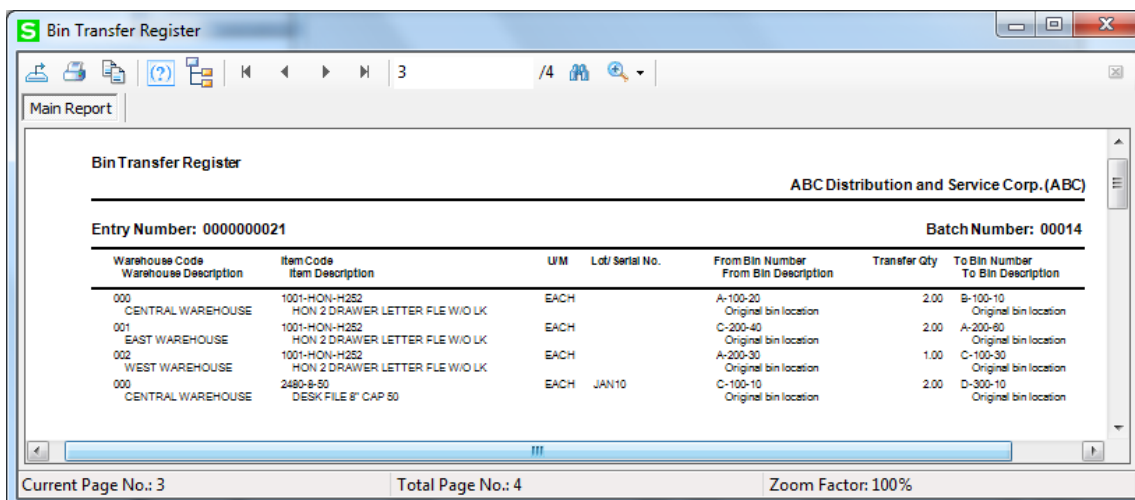
Refresh Proceed Cancel ?

Select the Batch(es) to process and press **Proceed**.

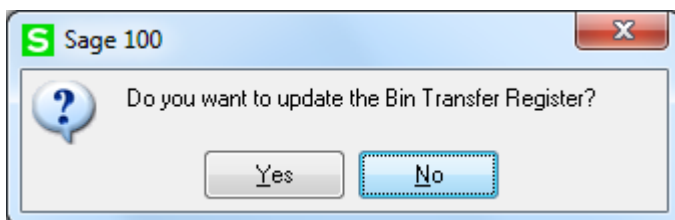
The **Bin Transfer Register** window is opened allowing the user to print/preview transfer register:



Here is an example of printout:



After closing the printout, a dialogue appears allowing the user to confirm updating the **Bin Transfer Register**.



Upon selecting Yes the Items are transferred to respective bin locations.

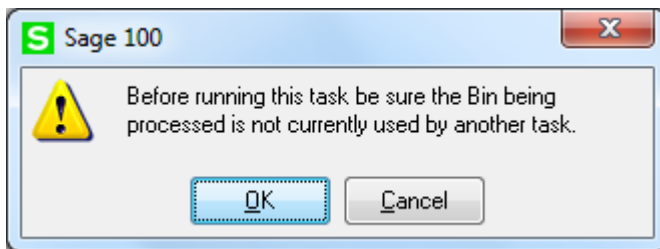
The **Bin Transfer Register** program may be run also from the **Inventory Management Main** menu.

Bin Committed Quantity

The **Bin Committed Quantity** program added to the **Inventory Management Main** Menu is intended for displaying the entries where there are quantities committed for the selected Item in the specified Warehouse/Bin location. The program shows the quantities committed from the following entries:

- ☐ Sales Order Entry
- ☐ SO Invoice Data Entry
- ☐ I/M Transaction Entry
- ☐ Return Of Goods Entry
- ☐ Bin Transfer Entry
- ☐ Disassembly Entry
- ☐ Production Entry
- ☐ WO Transaction Entry

The following warning message appears upon running the Bin Committed Quantity program to prompt the user about closing any task that may be using bins, in order to have the quantity committed displayed accurately.



Press Ok to open the **Bin Committed Quantity** screen.

Bin Committed Quantity (ABC) 1/3/2018

Warehouse Code

Item Code

Bin Number

Refresh

Entry	Number	Type	Item Code	Whse	Bin Number	QtyCommitted	Comment
SO Order							
	.00						
SO Invoice							
	.00						
Tran. Entry							
	.00						
Ret.Of Goods							
	.00						
Bin Transfer							
	.00						
Disassembly							
	.00						
Production							
	.00						
W/O Trans.							
	.00						

Total .00 Orig. Committed .00

In order to have correct Committed Quantities displayed make sure current record is not used by other task.

OK

Select the **Warehouse Code**, **Item Number** and **Bin**. The grid is loaded with the lines having quantities committed in the above stated entries.

Bin Committed Quantity (ABC) 1/3/2018

Warehouse Code 001 EAST WAREHOUSE

Item Code 1001-HON-H252 HON 2 DRAWER LETTER FILE W/O LK

Bin Number A-100-10 Original bin location

Refresh

Entry	Number	Type	Item Code	Whse	Bin Number	QtyCommitted	Comment
B/M Production	0000021		1001-HON-H252	001	A-100-10	5.00	
S/O Order	0000180	S	1001-HON-H252	001	A-100-10	2.00	InvNo: 0100230
S/O Order	0000185	S	1001-HON-H252	001	A-100-10	9.00	InvNo: 0100232
S/O Order	0000189	S	1001-HON-H252	001	A-100-10	3.00	InvNo: 0100234
S/O Order	0000205	S	1001-HON-H252	001	A-100-10	4.00	InvNo: 0100240
S/O Order	0000207	S	1001-HON-H252	001	A-100-10	5.00	InvNo: 0100164
S/O Order	0000213	S	1001-HON-H252	001	A-100-10	5.00	
S/O Order	0000221	S	1001-HON-H252	001	A-100-10	2.00	InvNo: 0100213
S/O Order	0000223	S	1001-HON-H252	001	A-100-10	4.00	InvNo: 0100214
S/O Order	0000235	S	1001-HON-H252	001	A-100-10	5.00	
S/O Invoice	0100213	IN	1001-HON-H252	001	A-100-10	.00	2 on OrdNo: 0000221
S/O Invoice	0100214	IN	1001-HON-H252	001	A-100-10	.00	4 on OrdNo: 0000223

SO Order	SO Invoice	Tran. Entry	Ret.Of Goods	Bin Transfer	Disassembly	Production
39.00	19.00	.00	.00	.00	.00	5.00

Total 63.00 Orig. Committed 66.00

In order to have correct Committed Quantities displayed make sure current record is not used by other task.

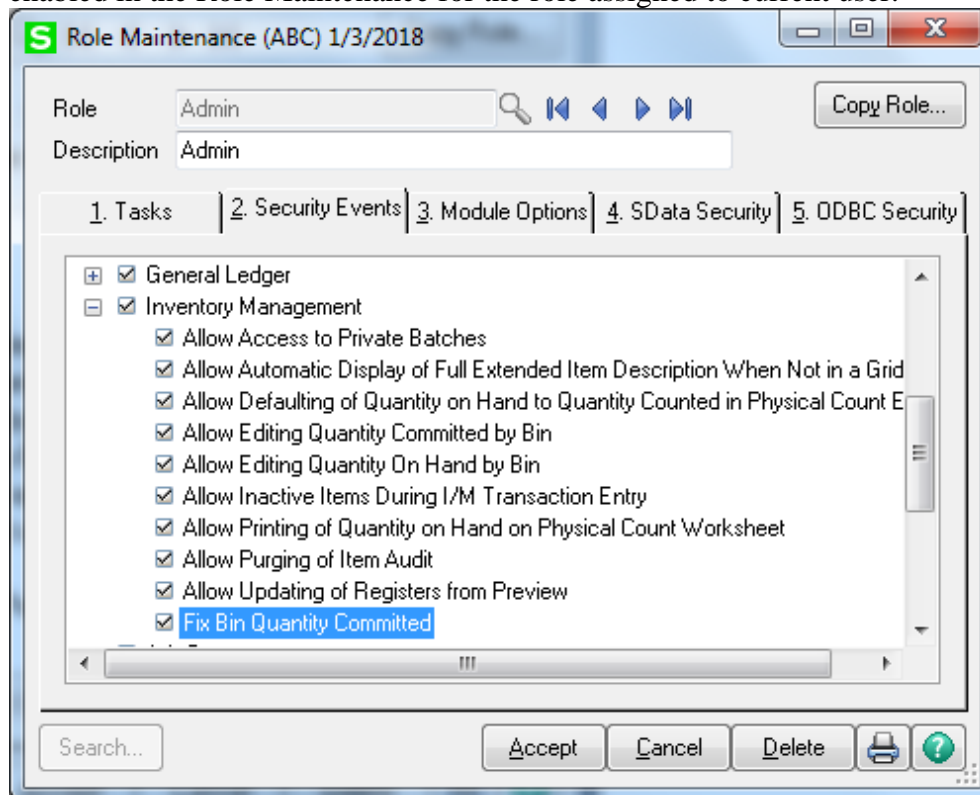
OK

Total – this field indicates the quantities committed from the above stated entries.

Orig. Committed- displays the actual quantity committed (from the “IM068_MBNItemBinDistribution.M4T” table).

Fix – this button allows correcting the quantity committed for that item and bin if the **Total** committed quantity does not match the **Orig. Committed** quantity.

This button is available only if the **Fix Bin Quantity Committed** security event is enabled in the Role Maintenance for the role assigned to current user.



Upon clicking the **Fix** button the **Orig. Committed** qty is corrected based on the **Total** quantity.

Bin Committed Quantity (ABC) 1/3/2018

Warehouse Code: 001 EAST WAREHOUSE
 Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/D LK
 Bin Number: A-100-10 Original bin location Refresh

Entry	Number	Type	Item Code	Whse	Bin Number	QtyCommitted	Comment
B/M Production	0000021		1001-HON-H252	001	A-100-10	5.00	
S/O Order	0000180	S	1001-HON-H252	001	A-100-10	2.00	InvNo: 0100230
S/O Order	0000185	S	1001-HON-H252	001	A-100-10	9.00	InvNo: 0100232
S/O Order	0000189	S	1001-HON-H252	001	A-100-10	3.00	InvNo: 0100234
S/O Order	0000205	S	1001-HON-H252	001	A-100-10	4.00	InvNo: 0100240
S/O Order	0000207	S	1001-HON-H252	001	A-100-10	5.00	InvNo: 0100164
S/O Order	0000213	S	1001-HON-H252	001	A-100-10	5.00	
S/O Order	0000221	S	1001-HON-H252	001	A-100-10	2.00	InvNo: 0100213
S/O Order	0000223	S	1001-HON-H252	001	A-100-10	4.00	InvNo: 0100214
S/O Order	0000235	S	1001-HON-H252	001	A-100-10	5.00	
S/O Invoice	0100213	IN	1001-HON-H252	001	A-100-10	.00	2 on OrdNo: 0000221
S/O Invoice	0100214	IN	1001-HON-H252	001	A-100-10	.00	4 on OrdNo: 0000223

SO Order	SO Invoice	Tran. Entry	Ret.Of Goods	Bin Transfer	Disassembly	Production
39.00	19.00	.00	.00	.00	.00	5.00

Total: 63.00 Orig. Committed: 63.00 Fix

In order to have correct Committed Quantities displayed make sure current record is not used by other task. OK

Bin Status Inquiry

The **Bin Status Inquiry** program added under the **Inventory Management Main** menu provides information about the Items located in the selected Warehouse and Bin.

Only a Warehouse flagged as Use Bins in the Warehouse Code Maintenance can be selected.

	Item Code	Description	UOM	Lot Serial No	Committed	On Hand
1	1001-HON-H252	HON 2 DRAWER LETTER FLE W/	EACH		63.00	2,223.00
2	1001-HON-H254	HON 4 DRAWER LETTER FLE W/	EACH		.00	1.00
3	1001-HON-H254LK	HON 4 DRAWER LETTER FLE W/	EACH		.00	2.00
4	2480-8-50	DESK FILE 8" CAP 50	EACH	JAN10	985,204.00	11,441,888.00
5	2551-3-50	DESK FILE 3 1/2" CAP 50	EACH	JAN10	.00	2.00
6	D1000	DESK 72" X 30"	EACH		.00	23.00
7	D1700	SECRETARY DESK ENSEMBLE	EACH		2.00	20.00
8	D2000-C	EXECUTIVE CREDENZA	EACH		.00	1.00
9	GB-MD750	MODEM 9600 (SYNCHRONOUS)	EACH	B3126-0	.00	1.00
10	GB-MD791	MODEM 9600 FAST POLL	EACH	1555	.00	1.00

Upon entering/selecting a Warehouse Code and a Bin Number, the Items located in that bin are loaded in the grid.

Physical Count

Physical Count Worksheet

The **Physical Count Worksheet** has been modified to allow processing warehouses using bin along with the warehouses not using bins. The user can select all bin locations within the warehouse code (marked as **Use Bins**) for an Item.

The **Physical Count Worksheet** has been modified to allow processing multiple Bin Locations.

Physical Count Worksheet
Sorted by Item Code

Warehouse: 000 CENTRAL WAREHOUSE

ABC Distribution and Service Corp. (ABC)

Item Code	Bin Location	Description	Product Line	Product Type	Inventory Cycle	Unit of Measure	Quantity Counted	Initials
1001-HON-H252		HON 2 DRAWER LETTER FLE W/O LK	WF&A	Finished Good	B	EACH		
	A-100-10							
	A-100-20							
	B-100-20							
	B-100-30							
	T000000001							
1001-HON-H252LK		HON 2 DRAWER LETTER FLE W/ LK	WF&A	Finished Good		EACH		
	E-300-20							
1001-HON-H254		HON 4 DRAWER LETTER FLE W/O LK	WF&A	Finished Good		EACH		
	E-300-30							
1001-HON-H254LK		HON 4 DRAWER LETTER FLE W/ LK	WF&A	Finished Good		EACH		
	E-300-40							
2480-8-50		DESK FILE 8" CAP 50	FD&A	Finished Good		EACH		
	A-200-50							
		Lot Number: 10210						
	C-100-10							
		Lot Number: 101						
		Lot Number: 10210						
		Lot Number: JAN10						
		Lot Number: MAR10						
		Lot Number:						
2481-5-50		DESK FILE 5 1/4" CAP 50	FD&A	Finished Good		EACH		
	C-100-40							
		Lot Number: JAN10						

Current Page No.: 1 Total Page No.: 19 Zoom Factor: 75%

When Physical Count worksheet is run for Items already frozen, the Qty On Hand field in the Physical Count Entry is recalculated.

Physical Count Entry

The **Physical Count Entry** has been modified to enable inventory count by bins for warehouses using bins.

In Physical Count Entry, select the warehouse to enter counts for.

Physical Count Entry (ABC) 1/3/2018

Warehouse: 001
Description: EAST WAREHOUSE

1. Header | 2. Lines

Sort Lines By: Item Code

Product Types
All Types ☒ Finished Goods ☒ Raw Materials ☒ Discontinued ☒ Kits ☒

Procurement Types
All Types ☒ Make ☒ Buy ☒ Subcontract ☒

Selections

Select Field	Operand	Value
Item Code	All	
Bin Location	All	
Item Description	All	
Inventory Cycle	All	
Product Line	All	

Accept Cancel

S Physical Count Entry (ABC) 1/3/2018

Warehouse: 001
Description: EAST WAREHOUSE

1. Header | 2. Lines

Quick Row: 34

	Item Code	Bin Location	Lot/Serial	Quantity on Hand	Quantity Counted
31	1001-HON-H254	SHIPPING		1.00	.00
32	1001-HON-H254LK	99999999		1.00	.00
33	1001-HON-H254LK	A-100-10		2.00	.00
34	1001-HON-H254LK	D-300-20		10,000.00	.00
35	1001-HON-H254LK	FR-KLF-01		.00	.00
36	2480-8-50	99999999	JAN10	2.00	.00
37	2480-8-50	99999999	JUNE2015	2.00	.00
38	2480-8-50	A-100-10	JAN10	11,441,888.00	.00
39	2480-8-50	A-100-20	JAN10	10,496.00	.00
40	2480-8-50	A-100-20	JUN2018	1,500.00	.00
41	2480-8-50	A-200-10	JAN10	202.00	.00

Description: HON 4 DRAWER LETTER FILE W/ LCK
Unit of Measure: EACH
Inventory Cycle:
Product Line: WF&A
Product Type: Finished Goods
Procurement: Buy

Accept Cancel

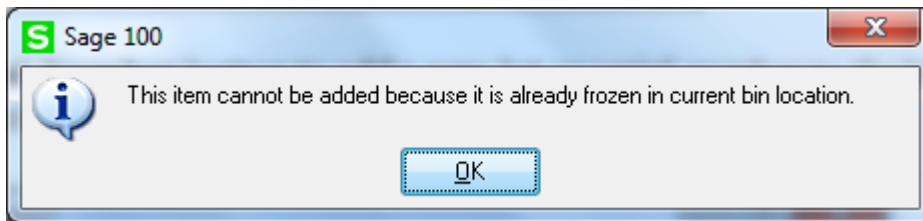
Use **Add Item to Physical Inventory** to enter physical count data for an item that was not frozen in Physical Count Worksheet or entered in Physical Count Entry. Enter the Item Code and select the Bin **Location** from the **I/M Whse/Bin Code** file lookup list:

S Add Item to Physical Inventory

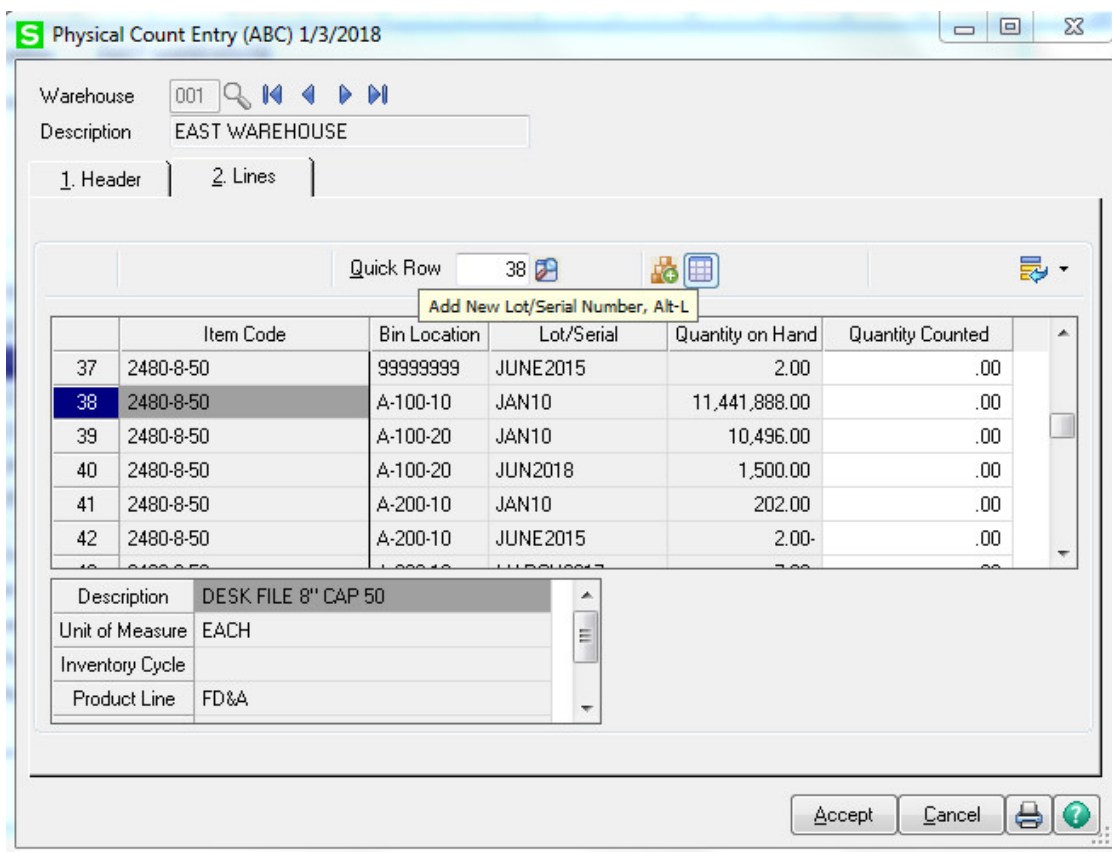
Item Code: 1001-HON-H252
Bin Location: A-100-10

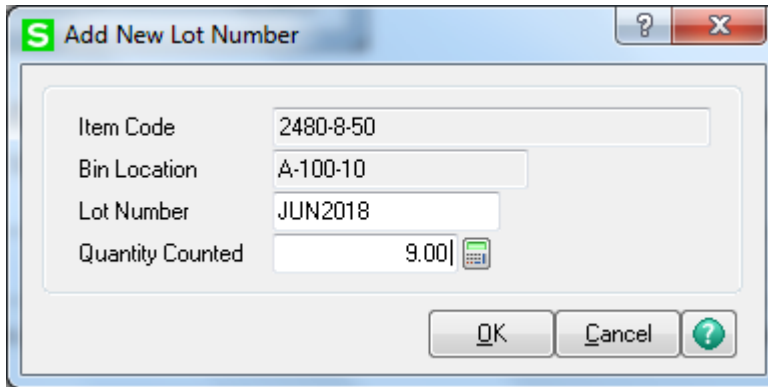
OK Cancel

The following message appears if there is already a record with selected Item Code-> Bin Code in the lines grid:

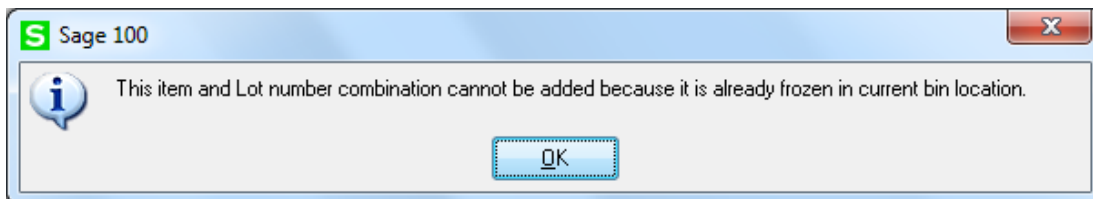


Use **Add New Lot or Serial Number** button to add a new lot or serial number to the bin, and enter the quantity counted for the item in that bin:





Upon entering the Lot Number the following message appears if a record with the entered Item Code >Lot Number is found for current bin in the lines grid:



With this enhancement to Physical Count Entry, an item can be entered more than once with multiple bin locations.

Physical Count Variance Register

The **Physical Count Variance Register** report has been modified to include the bin details.

Physical Count Variance Register
Journal Posting Date: 1/3/2018
Register Number: IP-000004
Sorted by Item Code

ABC Distribution and Service Corp.(ABC)

Warehouse: 000 CENTRAL WAREHOUSE

Item Code	Bin Location	Unit of Measure	Quantity On Hand	Quantity Counted	Over/Short	Unit Cost	Variance Amount
1001-HON-H252		EACH					
HON 2 DRAWER LETTER FILE W/O LK	A-100-10		1,413.00	0.00	1,413.00 -	33.232	46,956.62 -
	A-100-20		18.00	0.00	18.00 -	33.232	598.18 -
	B-100-20		20.00	0.00	20.00 -	33.232	664.64 -
	B-100-30		42.00	0.00	42.00 -	33.232	1,395.74 -
	T000000001		1,328.00	0.00	1,328.00	33.232	44,132.10
			1,328.00	0.00	1,328.00		44,132.10
			165.00	0.00	165.00 -		5,483.28 -
1001-HON-H252LK		EACH					
HON 2 DRAWER LETTER FILE W/ LK	E-300-20		0.00	0.00	0.00	37.150	0.00
			0.00	0.00	0.00		0.00
1001-HON-H254		EACH					
HON 4 DRAWER LETTER FILE W/O LK	E-300-30		0.00	0.00	0.00	83.500	0.00
			0.00	0.00	0.00		0.00
1001-HON-H254LK		EACH					
HON 4 DRAWER LETTER FILE W/ LK	E-300-40		0.00	0.00	0.00	87.250	0.00
			0.00	0.00	0.00		0.00
2480-B-50		EACH					
DESK FILE 8" CAP 50	A-200-50		600.00	0.00	600.00 -	15.453	9,271.80 -
			600.00	0.00	600.00 -		9,271.80 -
	C-100-10		0.00	0.00	0.00	15.453	0.00
			600.00	0.00	600.00 -	15.453	9,271.80 -
			3,100.00	0.00	3,100.00 -	15.453	47,904.30 -

Current Page No.: 1 Total Page No.: 1+ Zoom Factor: 100%

During the update process, the quantity-on-hand fields in the Item Warehouse Detail and Inventory Item Bin Distribution files are updated to the physical count quantities.

Work Order

Multibin Processing is not provided for W/O Module but the W/O Update program has been modified to pick/drop quantities from/to bins as follows:

- Use the "Bin Location" specified for each item/warehouse in the "Reorder Maintenance" screen opened from "Inventory Maintenance".
- If there is no "Bin Location" for current warehouse selected in the "Reorder Maintenance" screen, the "Receiving Bin No." (specified in the Warehouse Code Maintenance) is used.
- If there is not a Receiving Bin specified in the Warehouse Code Maintenance a Bin named "DEFAULTBIN" is created and used for pick/drop quantities.

Traveler Bin Processing

Traveler Bin processing provides an ability to group items within bins that are mobile, or "traveling" bins. These bins may be, for example, a server chassis containing a number of items, or a bin tote containing 100 CPU chips that are moved as a group. These traveler bins are stored in and transferred between the fixed bins that are the physical locations within the warehouse.

Traveler Bin Maintenance

The **Traveler Bin Maintenance** has been added under the **Inventory Management Main** menu to allow setup of traveler bins with Items grouped in.

Warehouse Code

Bin Number

Bin Description

1. Header | 2. Items | 3. Bins

Traveler Bin Type

Located In Bin

Alternate ID Number

Priority Code

Traveler Bins of **Tote**, **Tare** and **Container** type can be setup.

Traveler Bin Maintenance (ABC) 1/3/2018

Warehouse Code: 001 EAST WAREHOUSE

Bin Number: T000000026

Bin Description:

1. Header | 2. Items | 3. Bins

Traveler Bin Type: Tote

Located In Bin: Tote

Alternate ID Number:

Priority Code:

Buttons: Print Label..., Transfer Items, Transfer Bins, Accept, Cancel, Delete

Only a Warehouse flagged as Use Bins in the Warehouse Maintenance can be selected. Pressing the **Next Traveler Bin Number** button will create new Bin Number based on the Next Traveler Bin number set in the Warehouse Code Maintenance.

Traveler Bin Type – allows for specifying the type of Traveler Bin.

Tote and **Tare** type Traveler bins can contain multiple different items. Items can be transferred in an out of a traveler bin, just as they can be transferred between none traveler bins. Tote and Tare type Traveler Bins can be located in non Traveler Bins and in Container type Traveler Bins.

S Traveler Bin Maintenance (ABC) 1/3/2018

Warehouse Code EAST WAREHOUSE

Bin Number

Bin Description

1. Header | 2. Items | 3. Bins

Traveler Bin Type

Located In Bin

Alternate ID Number

Priority Code

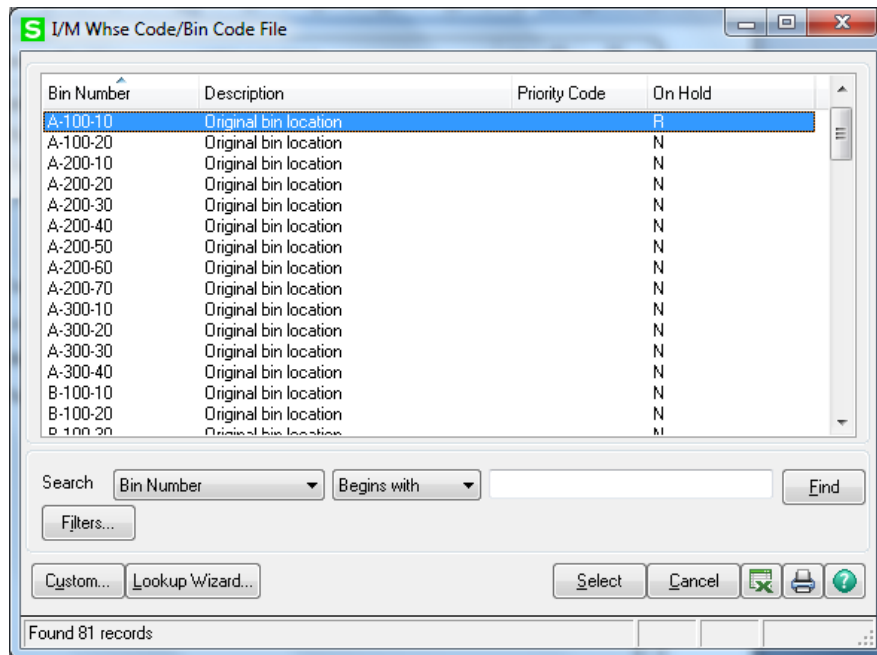
Located In Bin – For Tote and Tare type traveler bins only Container Type traveler bin or non Traveler Bin can be selected.

The **Move** button allows for transferring the selected traveler Bin from current Located In Bin to a new Bin location.

S Move To Location

From Bin

To Bin



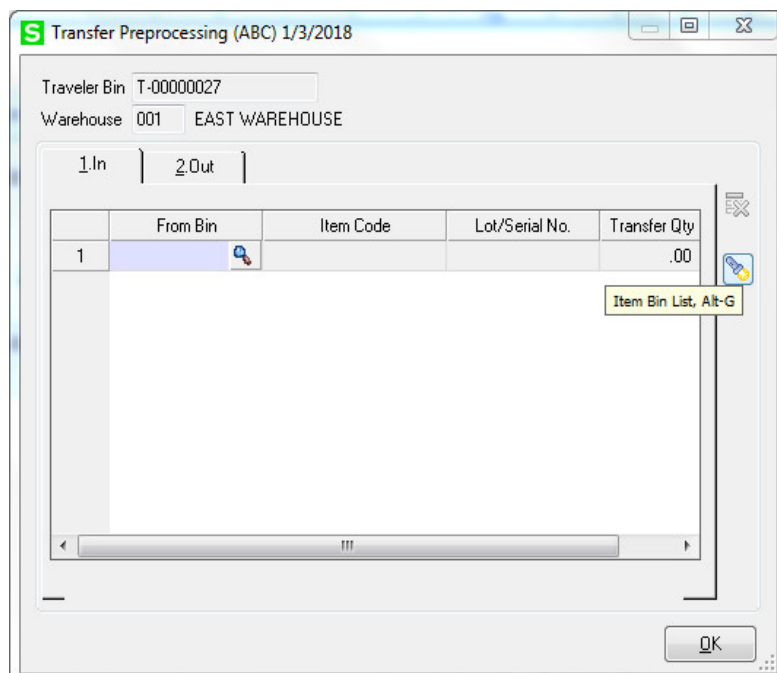
Alternate ID Number – is a unique ID, which is assigned to a traveler Bin. This is not a required field.

Priority Code - is the Bin priority used while distributing by bins.

Transfer Items – this button allows for transferring Items from other bins to current traveler bin. This button is enabled only for Tote and Tare type travelers.

For Container type bin this button is disabled and the **Transfer Bins** button is enabled.

In tab is intended for transferring Items into current Traveler Bin and **Out** tab is for transferring Items out of the Traveler Bin to the Bins required.



Item Bin List button lists all the Bins with Items in stock.

The screenshot shows the 'I/M Item Bin List' window. It contains a list of items with columns 'Item Code' and 'Bin Number'. The list includes items like 1001-HON-H252 with various bin numbers (A-200-20, A-200-30, A-200-50, A-300-20, C-200-40, D-300-20, D-300-30, DEFAULT, E-300-10, E-300-20, FR-KLF-01, SHIPPING, T000000007, T000000009, T000000010, T000000011). Below the list is a search section with 'Search' (Item Code), 'Begins with', and a 'Find' button. There are also 'Filters...', 'Custom...', and 'Lookup Wizard...' buttons. At the bottom, it says 'Found 75 records'.

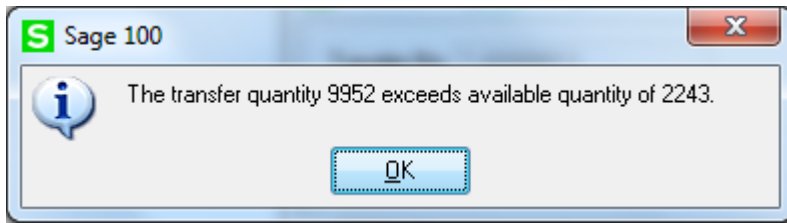
The screenshot shows the 'Transfer Preprocessing (ABC) 1/3/2018' window. It has fields for 'Traveler Bin' (T-00000027) and 'Warehouse' (001 EAST WAREHOUSE). Below these are tabs for '1.In' and '2.Out'. A table displays transfer data with columns: From Bin, Item Code, Lot/Serial No., and Transfer Qty. The table has 5 rows, with row 4 selected. Below the table, a status bar indicates 'Available Qty is 297 EACH'. An 'OK' button is at the bottom right.

	From Bin	Item Code	Lot/Serial No.	Transfer Qty
1	A-100-10	1001-HON-H252		5.00
2	C-100-30	1001-HON-H254		2.00
3	E-300-10	4886-18-14-3		2.00
4	C-100-10	2480-8-50	JAN10	4.00
5				.00

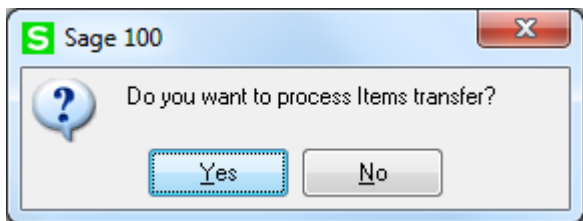
For the selected line the Available Qty is shown below the grid.

The **Transfer Qty** entered in this screen doesn't commit the quantity for an item in the warehouse.

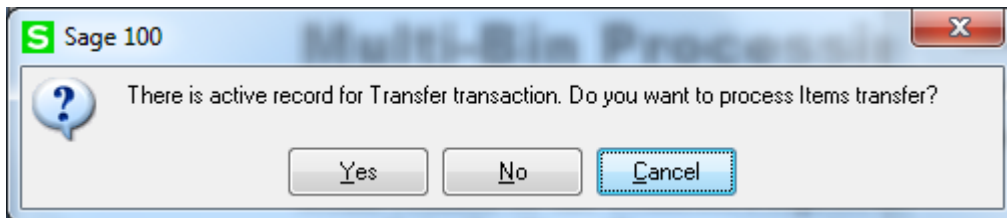
The Transfer quantity cannot be more than the Quantity Available. When more quantity is entered, the following message appears:



Upon pressing OK a prompt about Item transfer processing appears:



Selecting **Yes** processes the transfer. If **No** is selected no transfer is processed but the Items remain in the Transfer Preprocessing screen for further processing. If there are records in the Transfer preprocessing screen the following message appears upon Accepting Traveler Bin Maintenance:



Selecting **Yes** will process Transfer, **No** will clear the records from Transfer Preprocessing screen and cancel current entry. Selecting Cancel will cancel the message.

S Traveler Bin Maintenance (ABC) 1/3/2018

Warehouse Code: 001 EAST WAREHOUSE
 Bin Number: T-00000027
 Bin Description: TARE BIN#027

1. Header | 2. Items | 3. Bins

	Item Code	Lot/Ser Number	Available	On Hand
1	1001-HON-H252		10.00	10.00
2	1001-HON-H254		4.00	4.00
3	2480-8-50	JAN10	4,444,452.00	4,444,452.00
4	4886-18-14-3		4.00	4.00
5	D1700		5.00	5.00

Print Label... Transfer Items Transfer Bins Accept Cancel Delete

Now those Items can be transferred from current Traveler Bin to other bins.
 Go to the **Out** tab:

S Traveler Bin Maintenance (ABC) 1/3/2018

Warehouse Code: 001 EAST WAREHOUSE
 Bin Number: T-00000027
 Bin Description: TARE BIN#027

S Transfer Preprocessing (ABC) 1/3/2018

Traveler Bin: T-00000027
 Warehouse: 001 EAST WAREHOUSE

1. In | 2. Out

S I/M Bin Items

Item Code	Description
1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK
1001-HON-H254	HON 4 DRAWER LETTER FLE W/O LK
2480-8-50	DESK FILE 8" CAP 50
4886-18-14-3	PAPER CADDY 18"W 14"D 3"H
D1700	SECRETARY DESK ENSEMBLE

Search: Item Code Begins with End
 Filters...
 Custom... Lookup Wizard... Select Cancel

Found 5 records

The Item Code lookup lists the Items transferred to “In” Bins. After selecting an Item it is necessary to specify the To Bin.

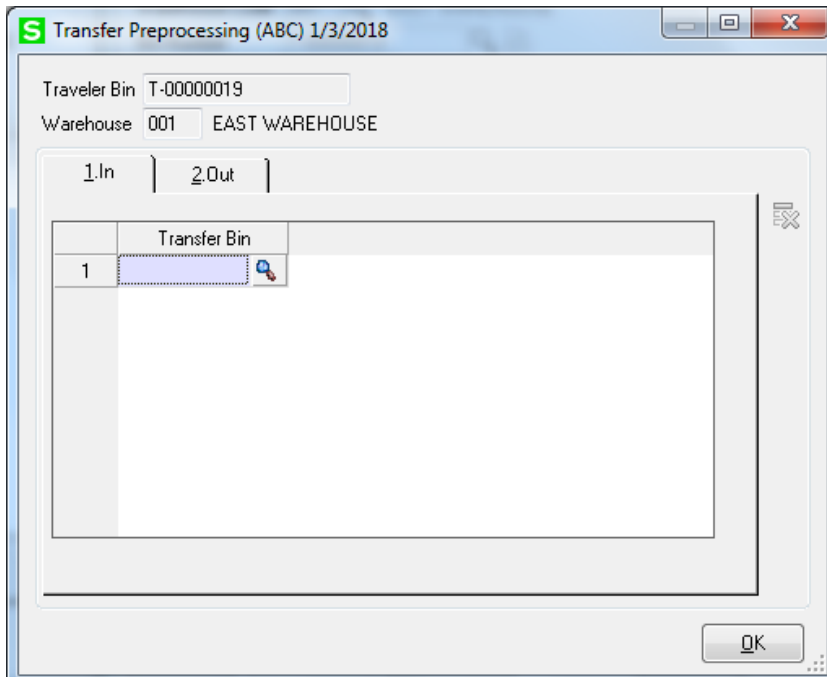
	Item Code	Lot/Serial No.	To Bin	Transfer Qty
1	1001-HON-H252		A-200-30	10.00
2				.00

The rest of transfer processing is similar to Transfer in process. When Container type bin is selected the Transfer Bins button is activated to enable transfer of traveler bins between other bins. In this case the Bins tab grid is loaded with traveler bins located in the selected container.

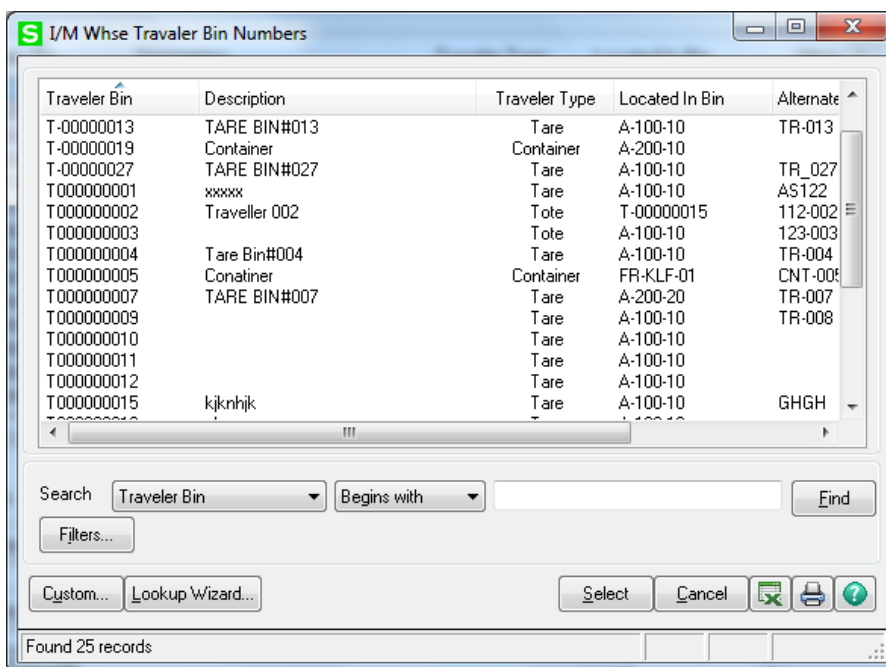
	Bin Number	Bin Type
1	T000000030	Tote

Transfer Bins button allows for transferring other Bins into the selected Container and the bins already located in the container out to the desired bins. Upon pressing the button the Transfer Preprocessing screen is opened:

The In tab is intended for transferring other traveler bins (Tote and Tare type) into the selected Container bin and the Out tab respectively for transferring the bins located in the container to other bins.



The lookup lists all traveler bins for current warehouse.



Transfer Preprocessing (ABC) 1/3/2018

Traveler Bin T-00000019

Warehouse 001 EAST WAREHOUSE

1.In | 2.Out

	Transfer Bin
1	T000000007
2	T000000004
3	

OK

On the **Out** tab in the **Transfer Bin** field the user may select a Traveler Bin to be transferred and in the To Bin field the bin where he wants the traveler to be moved.

Transfer Preprocessing (ABC) 1/3/2018

Traveler Bin T-00000019

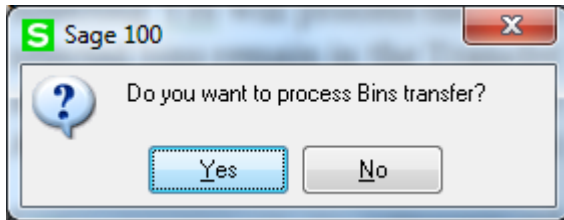
Warehouse 001 EAST WAREHOUSE

1.In | 2.Out

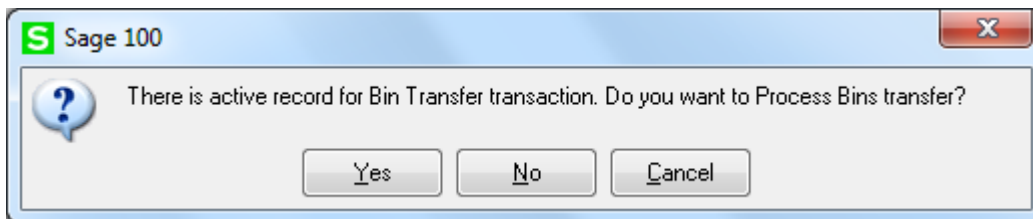
	Transfer Bin	To Bin
1	T000000030	B-100-10
2		

OK

After pressing Ok the following message appears to allow the user confirming bin transfer:

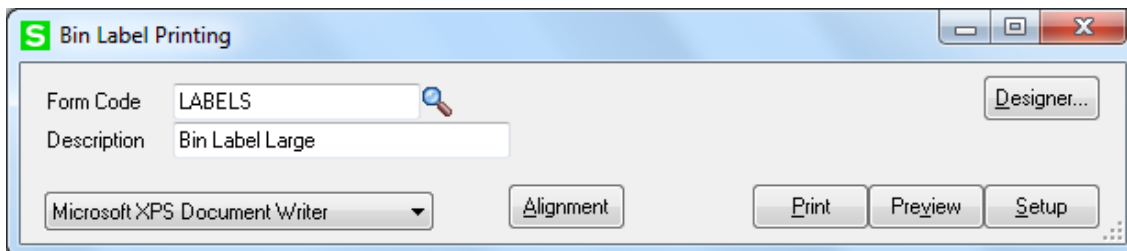


Selecting Yes will process the transfer. If No is selected no transfer is processed but the selected bins remain in the Transfer Preprocessing screen for further processing. If there are records in the Transfer preprocessing screen the following message appears upon Accepting Traveler Bin Maintenance:



Selecting **Yes** will process Transfer, **No** will clear the records from Transfer Preprocessing screen and cancel current entry. Selecting Cancel will cancel the message.

The **Print Label** button allows printing Bin labels for traveler bins. Upon pressing the button Bin labels printing program is run:

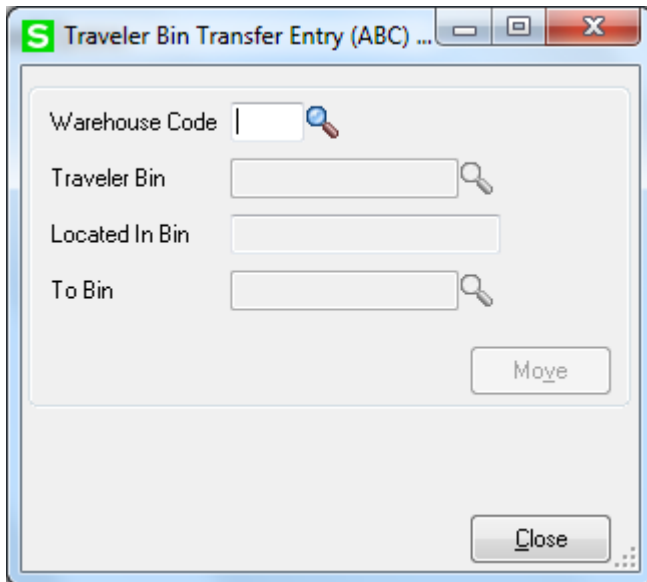


Traveler Bin Transfer

The **Traveler Bin Transfer** menu added under the **Inventory Management Main** menu allows for easy transfer of traveler bin from its current bin location to the desired one inside the warehouse.

In the Traveler Bin field select the bin to be moved.

Only Tote and Tare type Traveler Bins can be selected here.



Traveler Bin Transfer Entry (ABC) ...

Warehouse Code

Traveler Bin

Located In Bin

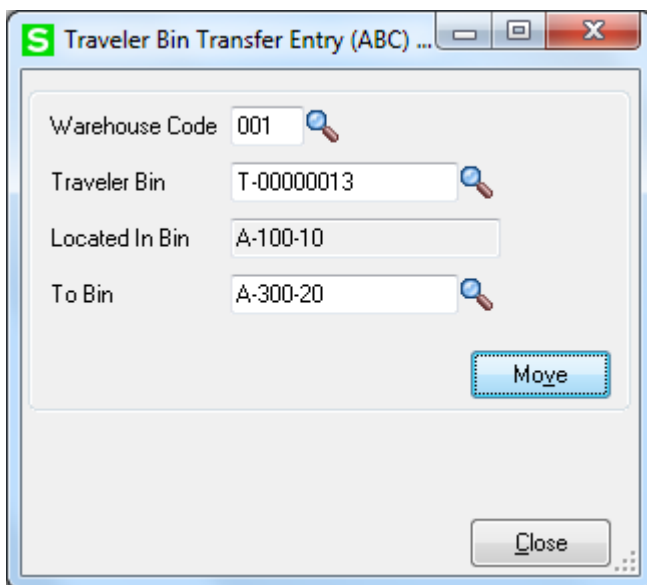
To Bin

Move

Close

Upon selecting a traveler Bin the Located In bin is automatically loaded. In the To Bin it is necessary to specify the Bin where you want current traveler bin to be moved. The Tote and Tare type traveler bins cannot be selected as To Bin.

Pressing Move button will transfer the selected Bin from its current location to the one selected as To Bin.



Traveler Bin Transfer Entry (ABC) ...

Warehouse Code 001

Traveler Bin T-00000013

Located In Bin A-100-10

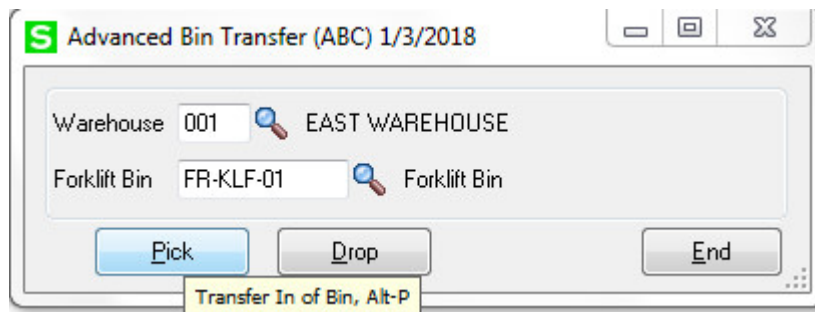
To Bin A-300-20

Move

Close

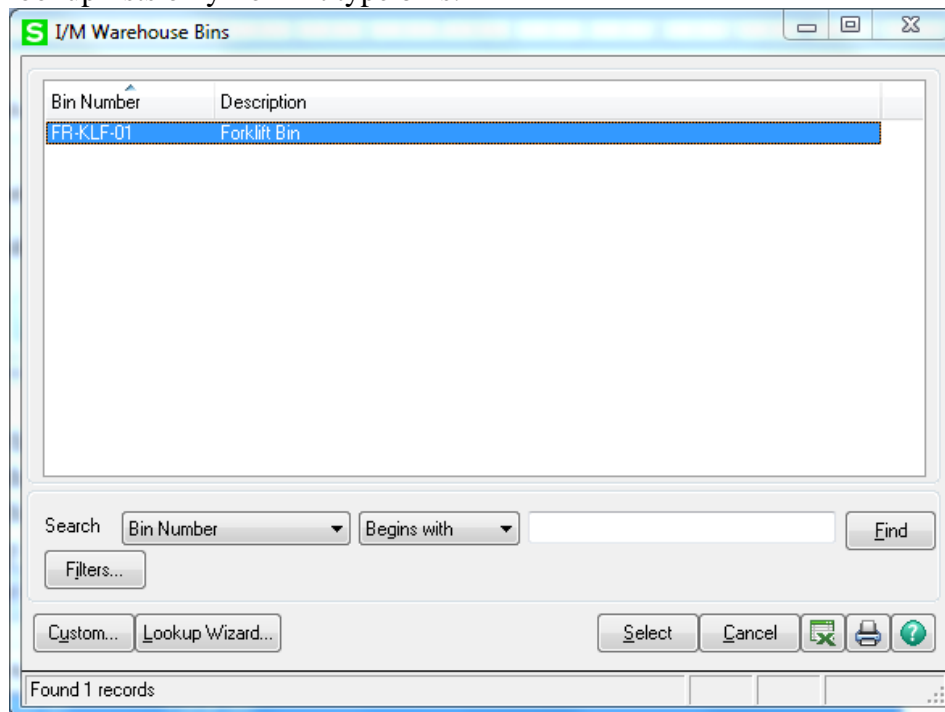
Advanced Bin Transfer

The **Advanced Bin Transfer** program has been added under the **Inventory Management Main** menu to allow easy inventory transfer out of Bin and transfer in to Bin procedure.



Enter the **Warehouse Code** and **Forklift Bin Location** for the **Advanced Bin Transfer** procedure.

Only Bins assigned to Forklift Bin Type in the Bin Code Maintenance are allowed. The lookup lists only Forklift type bins:



Pressing **Pick** button opens the Pick screen allowing the user to pick Items/Traveler Bins for the selected Forklift Bin.

Warehouse 001 EAST WAREHOUSE
Forklift Bin FR-KLF-01 Forklift Bin

Pick From Bin Clear

Item Code

Quantity To Transfer .00

Bin Number	Item Code	Lot/Serial No	Transfer Qty
------------	-----------	---------------	--------------

☐ Auto Increment

Buttons: OK, Undo, Del, Switch, Close

Enter the bin to pick Items from:

Warehouse 001 EAST WAREHOUSE
Forklift Bin FR-KLF-01 EAST WAREHOUSE

Pick From Bin C-100-10 Clear

Item Code 2480-8-50

Lot/Serial No JAN10 Quantity To Transfer 3.00

Bin Number	Item Code	Lot/Serial No	Transfer Qty
A-100-10	1001-HON-H252		2.00
C-100-10	2480-8-50	JAN10	3.00
DEFAULT__	D1000-LHCONNECT		1.00

☐ Auto Increment

Buttons: OK, Undo, Del, Switch, Close

The Switch button allows for switching to traveler bins and picking a Traveler Bin:

Traveler Bin	Source Location
T000000030	B-100-10
T000000055	A-100-10

The **Lookup** button next to the **Pick From Bin** field lists the Bin locations for current warehouse allowing the user to select a **Bin Location** from which the Item is picked.

In the **Item Code** enter the item to be picked.

The **Clear** button allows for clearing the last selected **Bin Location** for the quick selection of next Bin Location.

Select the **Auto Increment** check box to automatically increment the **Quantity To Transfer** by 1. If this check box is selected, scanning the item, selecting the item from the Lookup window, or entering the item code will increment the quantity by 1. If the entered **Quantity to Transfer** is more than quantity available in the selected Bin, it is automatically defaulted to maximum quantity available in current warehouse. Clear this check box if you do not want to automatically increment the **Quantity to Transfer** by 1.

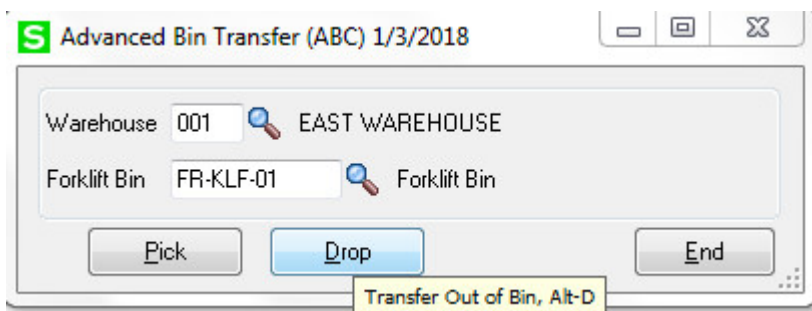
While entering the **Quantity to Transfer** manually, the following message appears if the entered quantity exceeds the quantity available in the warehouse:



And the quantity field is cleared with focus in it for new entry.

If Lot/Serial Item Code is selected, the Lot/Serial Field becomes available for selecting/entering Lot/Serial Number.

After Picking is completed it is necessary to Transfer Items/Traveler bins out of the selected Forklift Bin:



Press the Drop button to open Drop screen:

Warehouse 001 EAST WAREHOUSE

Forklift Bin FR-KLF-01 EAST WAREHOUSE

Drop To Bin Drop All

Item Code

Quantity To Drop .00

Item Code	Lot/Serial No	Transfer Qty
1001-HON-H252		2.00
2480-8-50	JAN10	3.00
D1000-LHCONNECT		1.00

☐ Auto Decrement

Switch

Close

Drop All button allows for dropping all Items at once. If **Auto Decrement** checkbox is selected the Transfer Qty will be automatically decremented upon each scanning of the Item code.

Press Switch button to switch to Traveler Bin drop screen and drop the Traveler Bin.

Warehouse 001 EAST WAREHOUSE

Forklift Bin FR-KLF-01 EAST WAREHOUSE

Drop To Bin E-500-10

Traveler Bin T000000030

Drop All

OK

Undo

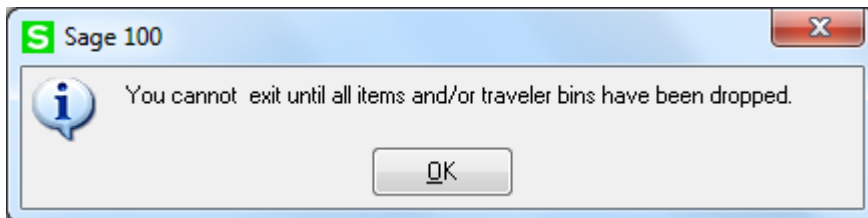
Traveler Bin	Source Location
T000000030	B-100-10
T000000055	A-100-10

Switch

☒ Auto Drop

Close

The Advanced Bin Transfer Entry cannot be Ended/Closed if there is at least one Item/Traveler Bin picked and not dropped.



Shipping Data Entry

The **Select Traveler Bin** button added on the Shipping Tab of the Shipping Data Entry allows for selecting a traveler Bin and automatically distributing Items by respective bins.

Shipping Data Entry (ABC) 1/3/2018

Shipper ID: 1 Ship Date: 1/3/2018 Order No.: 0000239
Shipping No.: 0100326 Ship Status: New SO Created By: IIG
Customer No.: 01-ABF American Business Futures

1. Lines 2. Shipping

Item Code Quick Row 1 Pkg 0001

	Item Code	Ordered	Shipped	Back Ordered	Comment
1	1001-HON-H252	3.00	.00	.00	
2	1001-HON-H254	3.00	.00	.00	
3	2480-8-50	5.00	.00	.00	
4	GB-MD750	1.00	.00	.00	
5	1001-HON-H254LK	3.00	.00	.00	

Apply Order Distribution, Alt-H Select Traveler Bin, Alt-U

Description: HON 2 DRAWER LETTER FLE W/O LK
Warehouse: 001
U/M: EACH
Package:

Multibin Scan
Item:

Quick Print Auto Increment ☒ Accept Cancel Delete

If the Traveler Bin number is scanned the lines are automatically distributed by respective bin based on the Sales Order header warehouse.

The screenshot shows the 'Shipping Data Entry (ABC) 1/3/2018' window. The 'Ship Date' is 1/3/2018, 'Order No.' is 0000239, 'Shipping No.' is 0100326, 'Ship Status' is New, and 'SO Created By' is IIG. The 'Customer No.' is 01-ABF. The '1 Lines' tab is selected, showing a table with 5 lines. Line 3 is selected, showing 'Item Code' 2480-8-50, 'Ordered' 5.00, 'Shipped' 5.00, and 'Back Ordered' .00. The '2. Shipping' tab is also visible. The 'Lot/Serial Number Distribution' dialog box is open, showing 'Item Code' 2480-8-50, 'Unit of Measure' EACH, and a table with 2 lots. Lot 2 (JUN2018) is selected, showing 'Available' 1,493.00 and 'Distribute' 3.00. The 'Bin Number Distribution' dialog box is also open, showing 'Item Code' 2480-8-50, 'Unit of Measure' EACH, and 'Lot/Serial No.' JUN2018. It shows a table with 2 bins. Bin 1 (A-100-20) is selected, showing 'Available' 1,493.00 and 'Distribute' 3.00. The 'Distribution Balance' is .00. The 'OK' and 'Cancel' buttons are at the bottom.

Line	Item Code	Ordered	Shipped	Back Ordered	Comment
1	1001-HON-H252	3.00	.00	.00	
2	1001-HON-H254	3.00	.00	.00	
3	2480-8-50	5.00	5.00	.00	
4	GB-MD75				
5	1001-HON				

Lot Number	Available	Distribute	On SO
1 JAN10	10,457,684.00	2.00	2.00
2 JUN2018	1,493.00	3.00	3.00

Bin Number	Available	Distribute
1 A-100-20	1,493.00	3.00
2	.00	.00

The **Apply Order Distribution** allows the user to apply the distribution of a line from the Sales Order.

Upon pressing **Apply Order Distribution** button the quantities distributed in Sales Order Entry are loaded as **Shipped** for the line.

Shipping Data Entry (ABC) 1/3/2018

Shipper ID: 1 Ship Date: 1/3/2018 Order No.: 0000239
 Shipping No.: 0100326 Ship Status: New SO Created By: IIG
 Customer No.: 01-ABF American Business Futures

1. Lines 2. Shipping

Item Code: Quick Row: 1 Pkg: 0001

	Item Code	Ordered	Shipped	Back Ordered	Comment
1	1001-HON-H252	3.00	2.00	.00	
2	1001-HON-H254	3.00	1.00	.00	
3	2480-8-50	5.00	5.00	.00	
4	GB-MD750	1.00	1.00	.00	
5	1001-HON-H254LK	3.00	3.00	.00	

Description: HON 2 DRAWER LETTER FILE W/O LK
 Warehouse: 001
 U/M: EACH
 Package: 0001

Multibin Scan
 Item:

Quick Print Auto Increment ☒ Accept Cancel Delete ?

As the **Ship Only from Shipping Bin** option is turned on in the **Multibin Processing Options** distribution is allowed only from Shipping type bin. It cannot be done from any other Bin Type.

When scanning an Item in the Multibin Scan part the quantity Shipped is incremented by one during each scan, independent of the Auto Increment flag.

Multibin Scan

Item: 2480-8-50

Lot/Ser:

For Lot/Serial Items the **Lot/Ser** field is enabled for scanning the Lot/Serial number. The **Multibin Scan** part is not visible if the **Enable Scan in Shipping** option is turned off in the **Multibin Processing Options**.

The scanned Items are automatically distributed from the Shipping Bin setup for the line Warehouse in the Warehouse Code Maintenance.

Note: The multibin scanning is applied only if the Items are not distributed by bins in the Sales Order Entry and the Warehouse selected on the Sales Order Header matches the lines' Warehouse.

B/M Production Entry

Traveler bins can be used for staging product for assembly. Group of items for Production, such as a server, can be staged into a traveler bin and transferred to the assembly area. In production entry to build the server, the traveler bin can be scanned to load the items into production entry.

Production Entry (ABC) 1/3/2018

Production Number 0000026 Batch 00013

1. Header 2. Lines

Quick Row 1

Select Traveler Bin, Alt-M

	Component Item Code	Quantity/Bill	Extended Quantity	Comment
1	D1000	5.00	15.00	
2	1001-HON-H252	7.00	21.00	
3	2480-8-50	8.00	24.00	
4		.00	.00	

Description: DESK 72" X 30"
Revision:
Warehouse: 001
Unit Of Measure: EACH
Costing: FIED

Accept Cancel Delete

Whse	Traveler Bin	Description	Traveler Type	Located In Bin
001	T-----35	Container	Tote	A-200-40
001	T-00000013	TARE BIN#013	Tare	A-300-20
001	T-00000019	Container	Container	A-200-10
001	T-00000027	TARE BIN#027	Tare	A-100-10
001	T000000001	xxxxx	Tare	A-100-10
001	T000000002	Traveller 002	Tote	T-00000015
001	T000000003		Tote	T-00000019
001	T000000004	Tare Bin#004	Tare	T-00000019
001	T000000005	Container	Container	FR-KLF-01
001	T000000007	TARE BIN#007	Tare	T-00000019
001	T000000009		Tare	A-100-10
001	T000000010		Tare	A-100-10
001	T000000011		Tare	A-100-10
001	T000000012		Tare	A-100-10

Search: Traveler Bin Begins with Find

Filters...

Custom... Lookup Wizard...

Select Cancel

Found 30 records

Upon selecting a Traveler Bin with quantities available for distribution, the components are automatically distributed:

Upon pressing the Select Traveler Bin button the Warehouse Traveler Bins list is opened allowing the user to select/scan a traveler Bin containing the necessary components.

Component Item Code	Quantity/Bill	Extended Quantity	Comment
1 D1000	5.00	15.00	
2 1001-HON-H252	7.00	21.00	
3 2480-8-50	8.00	24.00	
4			

Bin Number Distribution

Item Code: 2480-8-50 DESK FILE 8" CAP 50

Unit of Measure: EACH Lot/Serial No: JAN10

Bin Number	Available	Distribute
1 T-00000027	44,444,428.00	24.00
2	.00	.00

Distribution Balance: .00

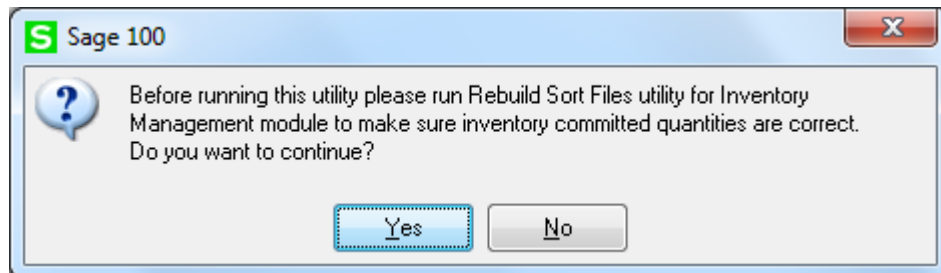
OK Cancel

Utilities

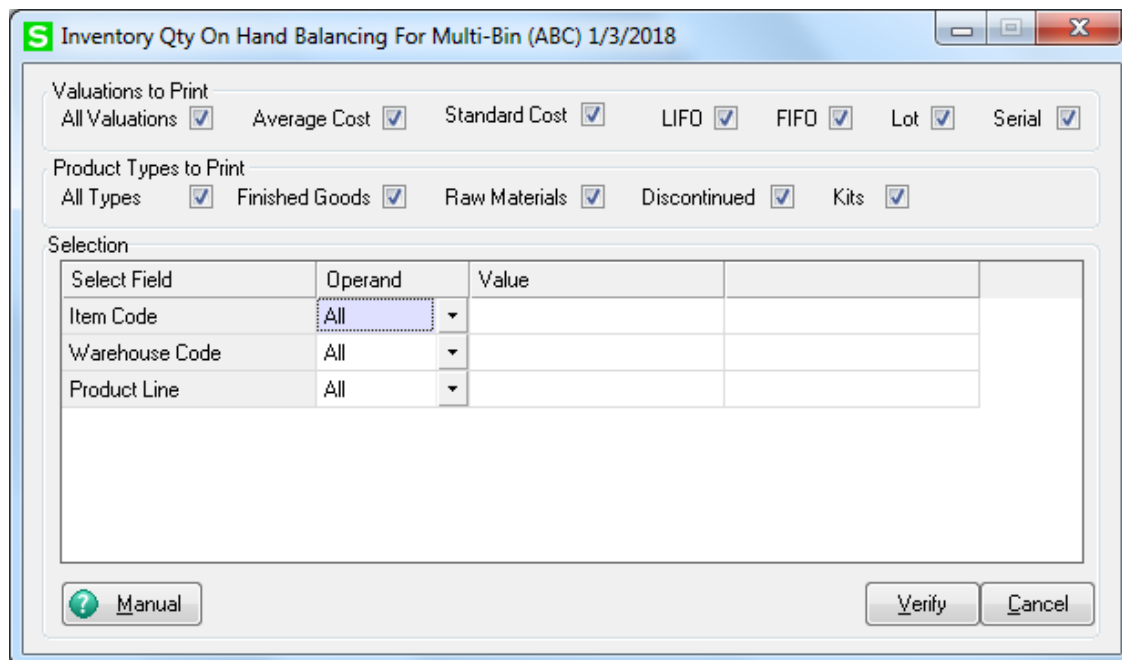
Inventory Bin Balancing Utility

The **Inventory Bin Balancing Utility** added under the **Inventory Management Utilities** menu is intended for correcting the Item On Hand quantities in Bins based on the IM_ItemCost.M4T file (for LIFO/FIFO and Lot/Serial valuation type Items) and based on the IM_ItemWarehouse.M4T file for the Items of other valuation types.

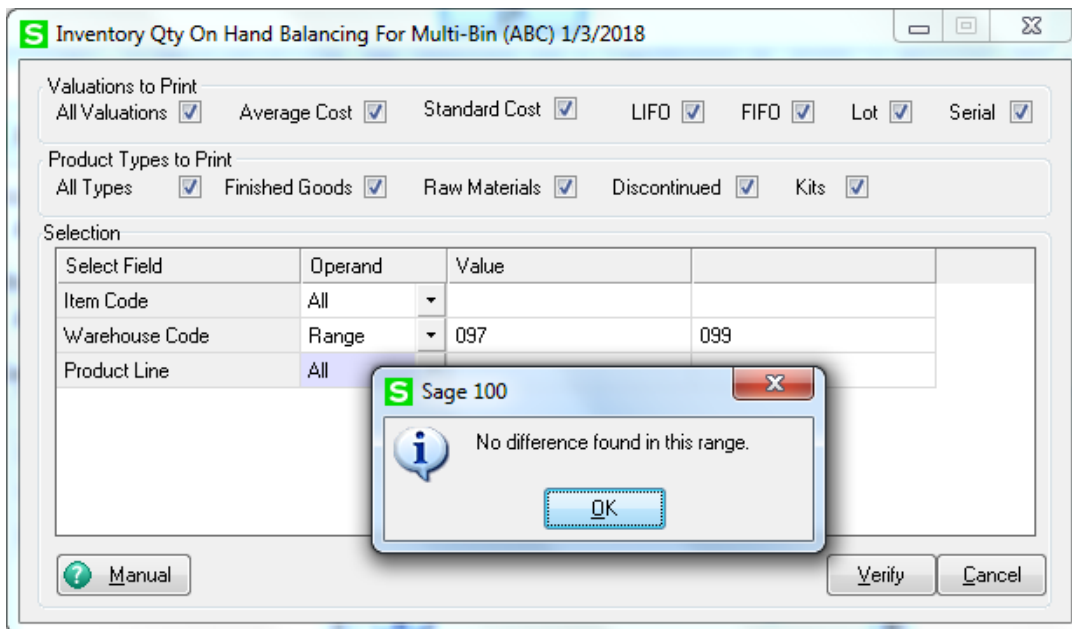
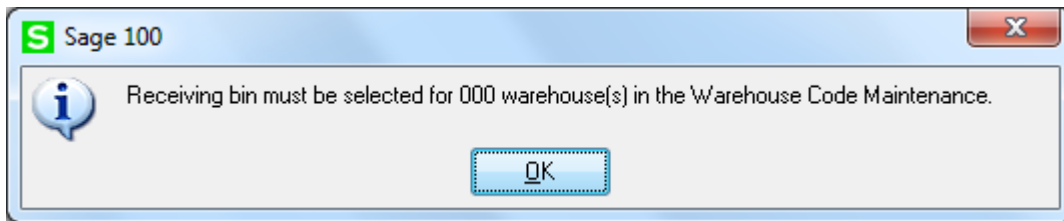
Before processing the utility the user is prompted about running the Rebuild Sort file utility for Inventory Management module:



All valuation types and Product types are selected by default.

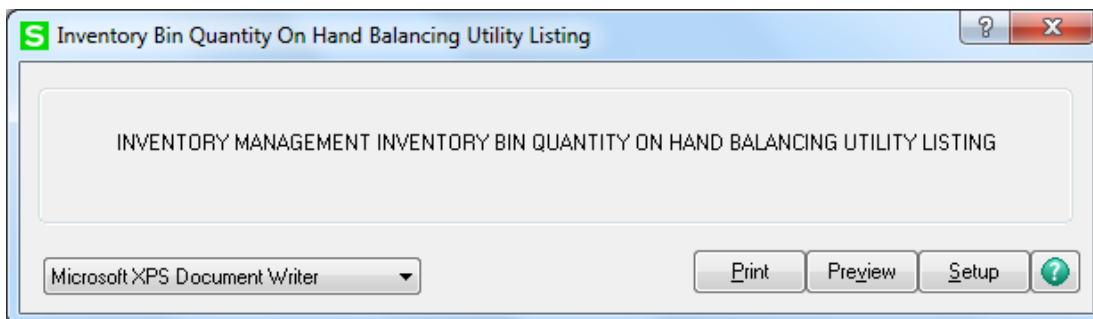


It is necessary to have receiving bin selected for a warehouse in order to process this utility. If no receiving bin exists for a warehouse(s) in the selected warehouse range, the following message appears upon pressing the Verify button:



If the bins are not out of balance in the selected warehouses a message appears: "No difference found in this range" and the utility is closed.

The **Inventory Bin Quantity On Hand Balancing Utility Listing** report is opened if differences are found:



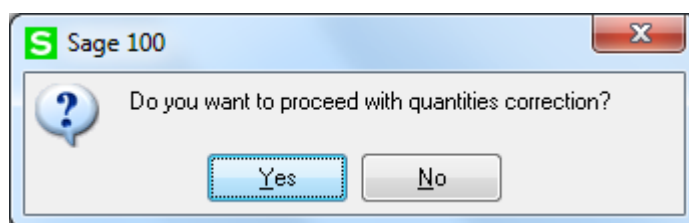
The user can Print/Preview the report to see what corrections may be done by bin(s):

Item Code	Warehouse Code	Valuation	Product Line	Product Type	Warehouse On Hand Qty	Item Cost On Hand Qty	Bin On Hand Qty	Difference
1001-HON-R252	000	FIFO	WPSA	WORKSTATION FURN & AC	162.00	162.00	169.00	7.00
*** Correction ***								
					Qty Committed	Actual On Hand Qty	Calc. On Hand Qty	Difference
					2,000.00	1,417.00	1,417.00	0.00
					2.00	16.00	8.00	-7.00
					0.00	2.00	2.00	0.00
					3.00	20.00	20.00	0.00
					7.00	42.00	42.00	0.00
					0.00	-1,328.00	-1,328.00	0.00
					3.00	3.00	8.00	5.00
*** Correction ***								
					Qty Committed	Actual On Hand Qty	Calc. On Hand Qty	Difference
					0.00	7.00	2.00	-5.00
					0.00	1.00	1.00	0.00

If differences are found the *** **Correction***** part of the report shows how this utility will correct the quantities.

When there are fewer products in Inventory than in bins, it means there is product deficit. The correction will be done as follows: the program will first reduce the bins with available quantity (Qty On Hand – Qty Committed), starting from the lowest bin (by sort sequence). In the next step if there is still product deficit then the program will reduce the Quantity by the remaining Qty On Hand starting from the lowest bin (by sort sequence). And in case there is still product deficit the remaining quantity will be reduced in the first bin (by sort sequence) so that the product deficit is zero.

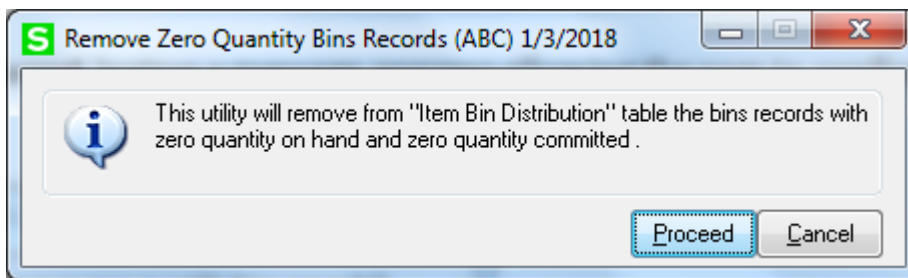
When there is more inventory than is shown in the bins, the additional product will be added to the receiving Bin.



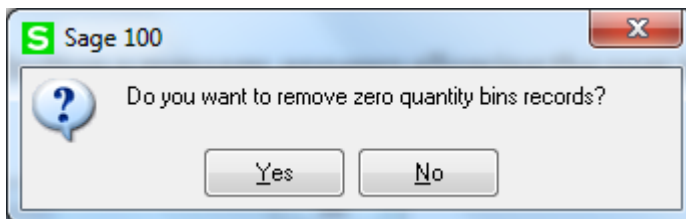
Pressing Yes will correct the quantities in Bins.

Remove Zero Quantity Bins Records

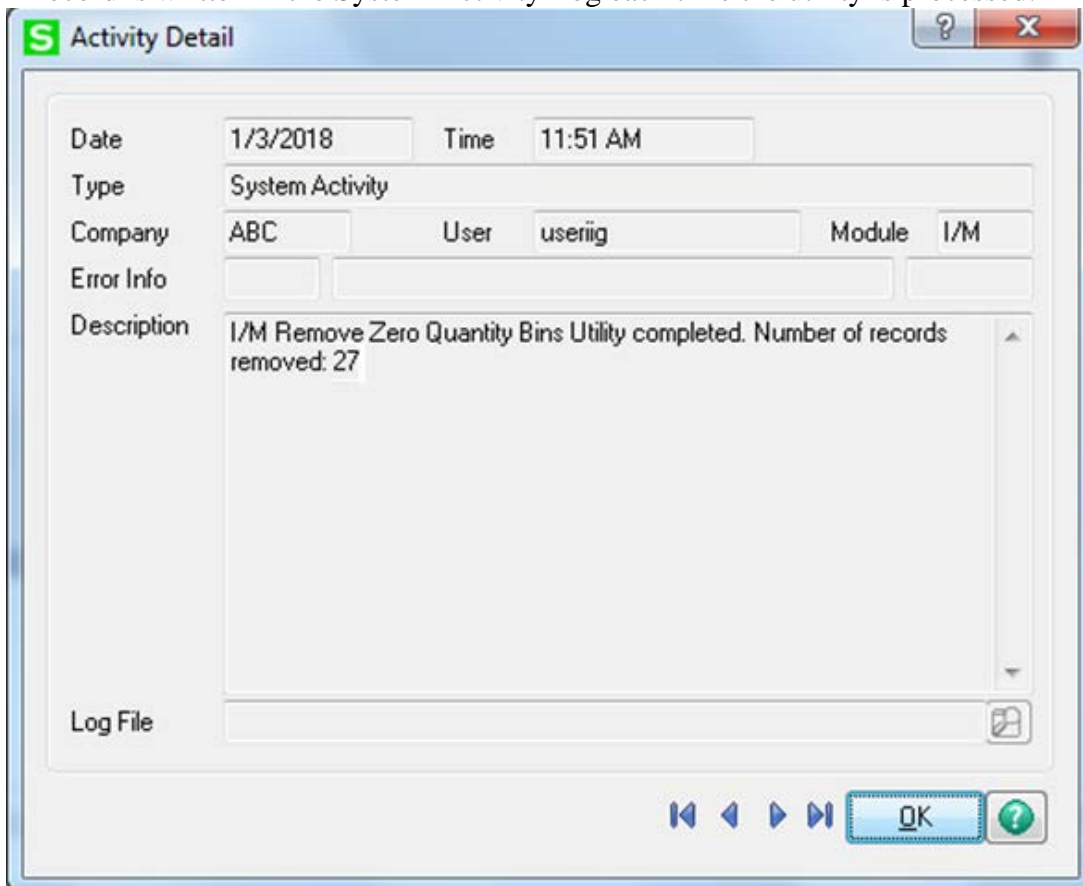
The **Remove Zero Quantity Bins Records** program has been added under the **Inventory Management Utilities** menu to allow removing from the **Item Bin Distribution** table all the Bins, which have zero Quantity on Hand and Quantity Committed.



Upon pressing the **Proceed** button a message appears allowing the user to confirm bin records removal:

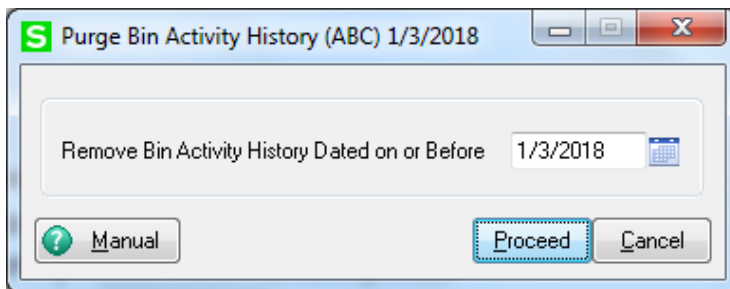


A record is written in the System Activity Log each time the utility is processed:



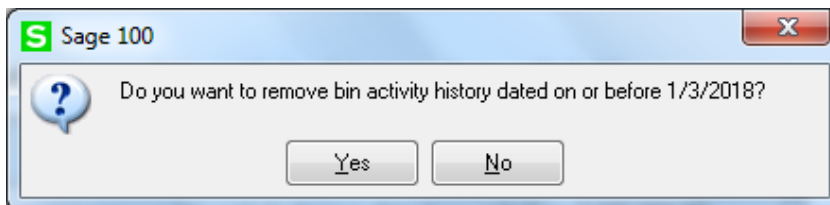
Purge Bin Activity History

In the **Purge Bin Activity History** window, accessed from the Inventory Management Utilities menu, enter the date to remove bin activity history data. All history data dated on or before the entered Date will be permanently removed from the system.

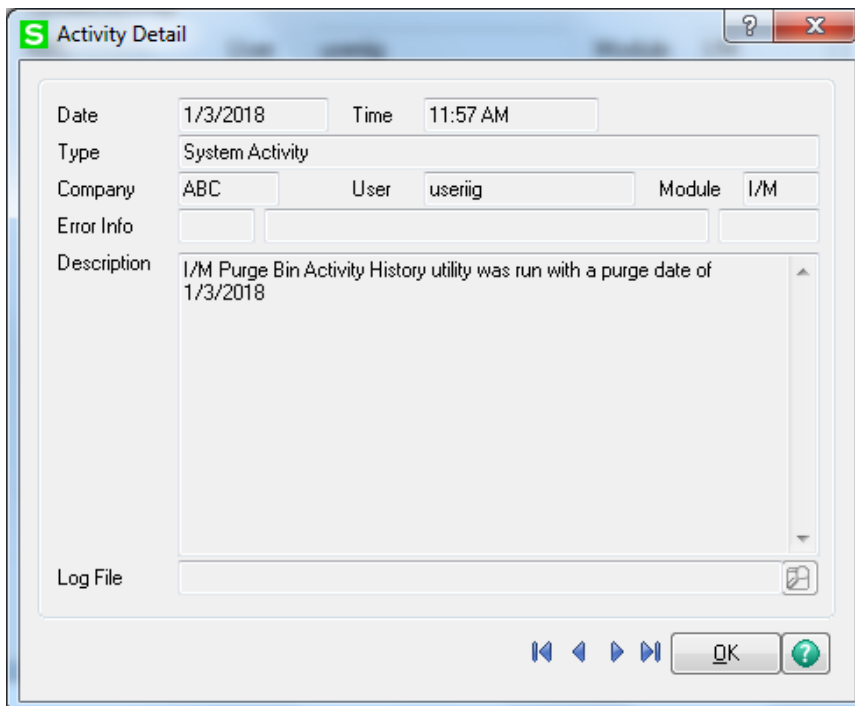


Click Proceed.

When prompted to purge bin activity history data, click Yes.



The selected bin activity history data is permanently removed from the system, and the System Activity Log is updated with the date, time, company code, user login, purge description, and purge date.



Update Sales Order Bin Distribution Flag

The **Update Sales Order Bin Distribution Flag** utility has been added under the Sales Order Utilities menu to allow updating the Bin Distribution flag on the Sales Orders. Respective records are written in the System Activity Log when the utility is started and when it is completed.

The screenshot shows a window titled "Activity Detail" with a green 'S' icon. It contains the following fields and values:

Date	1/3/2018	Time	12:01 PM
Type	System Activity		
Company	ABC	User	useriig
Module	S/O		
Error Info			
Description	Started I/M 'Update Sales Order Bin Distribution Flag'		
Log File			

At the bottom right, there are navigation buttons (back, forward, etc.) and an "OK" button.

The screenshot shows the same "Activity Detail" window, but the Description field now reads:

Finished I/M 'Update Sales Order Bin Distribution Flag'

All other fields (Date, Time, Type, Company, User, Module, Error Info, Log File) remain the same as in the previous screenshot.

Order Picking Process

The MBN Order Picking process involves sending an employee through the warehouse or distribution center with an order list and a container. The order picker either walks or drives along aisles to retrieve items specified for orders one by one from a storage area, a forward area (also called a picking area).

Typically the picker is directed on a route dictated by the pick list they are holding which uses the most efficient route possible for walking through the warehouse.

Before starting Order Picking process it is recommended to configure some settings in the Multibin Processing Options, Sales Order Options and Warehouse Code Maintenance.

In the MBN system Picking Sheet can be printed based on the Sales Order bin distribution as well as auto distribution by bins (by Bin priority) can be done just during Picking Sheet printing.

It is recommended to set the **Print Picking Sheets By** option to **Bin Location** to have the picking sheet line items printed sorted by bin location.

Sales Order Options (ABC) 1/3/2018

1. Main | 2. Entry | 3. Line Entry | 4. Forms | 5. Printing | 6. Quick Print | 7. History | 8. Job Cost

Print Sales Orders ☒

Print Bar Code Sales Orders ☐

Print Picking Sheets By **Bin Location**

Include Kit Items on Picking Sheets ☒

Print Bar Code Picking Sheets ☐

Print Shipping Labels ☒

Default Number of Shipping Labels per Order

Print COD Labels ☐

Picking Sheet Printing ☒

Display Message for In Use Orders that are Open ☒

Accept Cancel [Printer Icon]

For Picking process the **Sales Order Entry Commits Inventory in Bin** option must be turned on. It is recommended also to turn on the **Ship only from Shipping Bin** and **Enable Scan in Shipping** options.

S Multibin Processing Options (A...

1. Main | 2. Additional

Sale From Bin By: Bin Priority

☒ Sales Order Entry Commits Inventory in Bin

☐ Pick Lot/Serial Numbers By Receipt Date

☐ Pick Sheet Auto Distribution

☐ Pick Sheet Ordering from Back Ordered

☐ Pick Sheet Back Ordering from Ordered

☐ Exclude Lines with Qty On Hand <=0 in Pick Sheet

☒ Ship only from Shipping Bin

☒ Enable Scan In Shipping

☐ Auto Distribute to Receiving Bin during Receipt

☐ Allow Negative Distribution

☐ Enable Traveler Bin Processing

Batch Processing

Description	Enable	Next Batch
Bin Transfer Entry	<input type="checkbox"/>	00001

Bin Transfer Entry

Next Automatic Bin Transfer Entry Number: 0000000001

☐ Allow Bin Segment

☐ Allow On the Fly Bin Number entry

Manual Accept Cancel

In the **Warehouse Code Maintenance** it is necessary to specify the Shipping Bin.

Warehouse Code Maintenance (ABC) 1/3/2018

Warehouse Code: 001
Description: EAST WAREHOUSE

Name: ABC East Warehouse
Address: 1105 W. MAC ARTHUR BLVD.
ZIP Code: 92626
City: Costa Mesa State: CA
Country: USA
Telephone: Ext: Fax: E-mail Address: Contact:

Use Bins: ☒
Bin Maintenance
Receiving Bin No.: RECEIVING
Shipping Bin No.: SHIPPING
Next Traveller Bin No.: T000000031

Warehouse Status: Active
Comment:
Restricted Start Date: End Date:

Post to: Location: 01 East Sales Office

Accept Cancel Delete

Sales Order Preparation for Picking

Before starting order picking process it is necessary to print Pick Sheets. Pick Sheets can be printed:

- based on the bin distribution already done in the Sales Order Entry
- with auto distribution by bins (e.g. based on the Bin Priority) done during Picking Sheet Printing.

If you want the Picking Sheet to be printed based on the distribution done in Sales Order Entry, it is necessary to have **Pick Sheet Auto Distribution** turned off in the **Multibin Processing Options**:

1. Main | 2. Additional

Sale From Bin By: Bin Priority

Sales Order Entry Commits Inventory in Bin ☒

Pick Lot/Serial Numbers By Receipt Date ☐

Pick Sheet Auto Distribution ☐

Pick Sheet Ordering from Back Ordered ☐

Pick Sheet Back Ordering from Ordered ☐

Exclude Lines with Qty On Hand <=0 in Pick Sheet ☐

Ship only from Shipping Bin ☒

Enable Scan In Shipping ☒

Auto Distribute to Receiving Bin during Receipt ☐

Allow Negative Distribution ☐

Enable Traveler Bin Processing ☐

Batch Processing

Description	Enable	Next Batch
Bin Transfer Entry	<input type="checkbox"/>	00001

Bin Transfer Entry

Next Automatic Bin Transfer Entry Number: 0000000001

Allow Bin Segment ☐

Allow On the Fly Bin Number entry ☐

Manual Accept Cancel

For Picking Sheet Auto distribution it is necessary to set the **Sale From Bin By** option to a one other than **None**, turn on the **Pick Sheet Auto Distribution** option in the **Multibin Processing Options** and select the **Auto distribute by bin location** checkbox in the **Picking Sheet Printing** screen.

1. Main | 2. Additional

Sale From Bin By: Bin Priority

☒ Sales Order Entry Commits Inventory in Bin
☒ Pick Lot/Serial Numbers By Receipt Date
☒ Pick Sheet Auto Distribution
☐ Pick Sheet Ordering from Back Ordered
☐ Pick Sheet Back Ordering from Ordered
☐ Exclude Lines with Qty On Hand <=0 in Pick Sheet
☐ Ship only from Shipping Bin
☐ Enable Scan In Shipping
☐ Auto Distribute to Receiving Bin during Receipt
☐ Allow Negative Distribution
☐ Enable Traveler Bin Processing

Batch Processing

Description	Enable	Next Batch
Bin Transfer Entry	<input type="checkbox"/>	00001

Bin Transfer Entry

Next Automatic Bin Transfer Entry Number: 0000000001

☐ Allow Bin Segment
☐ Allow On the Fly Bin Number entry

Manual
Accept
Cancel
Print

You may select the **Pick Lot/Serial Numbers by Receipt Date** checkbox if you want the Lot/Serial Items to be distributed by the Lot/Serial Receipt Date (from IM_ItemCost table) instead of the Bin Receipt Date (from IM068_MBNItemBinDistribution table). If this checkbox is selected the Lot/Serial items will be distributed first by the Lot/Serial Numbers which Receipt Date is older and then the program will look for the Bin taking into account the value of the **Sale From Bin By** option.

Picking Sheet Printing (ABC) 1/3/2018

Form Code: STANDARD
Description: MBN

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

Order Type to Print: All
Print Orders on Hold: ☒
Print Comments: Partial
Print Bill Options: ☐

Include Unauthorized/Expired Credit Card Orders: ☒
Include Back Order Quantity in Quantity Ordered: ☒
Include Back Ordered Lines: ☒
Print Orders for Customers on Credit Hold: ☒
Print Lot/Serial Distributions: ☒

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:

Selections

Select Field	Operand	Value
Order Number	All	
Warehouse Code	All	

Keep Window Open After
Print: ☐ Preview: ☐

Microsoft XPS Document Writer Alignment Print Preview Setup

Below is demonstrated an example of Order picking process with the Bin Distribution done in the Sales Order Entry.

S Sales Order Entry (ABC) 1/3/2018

Order Number: 0000275 Edit Copy From... Defaults... Customer... Credit...

1. Header 2. Address 3. Lines 4. Totals 5. Payment User: useriig

Quick Row: 3

	Item Code	Ordered	Back Ordered	Unit Price	Extension	Comment
1	1001-HON-H252	2.00	.00	84.000	168.00	
2	1001-HON-H254	3.00	.00	131.000	393.00	
3	2480-8-50	5.00	.00	33.902	169.51	
4	GB-MD750	1.00	.00	1,650.000	1,650.00	
5	1001-HON-H254LK	3.00	.00	135.000	405.00	
6		.00	.00	.000	.00	

Description: DESK FILE 8" CAP 50
 Warehouse: 001
 Unit Of Measure: EACH
 Shipped: .00
 Price Level: 1

Available Quantity in this Warehouse is 1047773 EACH Total Amount: 2,785.51

Print Order... Print Pick... Recalc Price Accept Cancel Delete [Printer Icon] [Help Icon]

Here is the Picking Sheet printout:

Picking Sheet Printing

1 / 1

Main Report

Picking Sheet Page: 1

Warehouse: 001 EAST WAREHOUSE

Order Number: 0000275 Order Date: 1/3/2018
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 Code	Unit	Ordered	Bin Qty	Shipped	Backordered
A-100-10	1001-HONH252	EACH	1.00			
	HON 2 DRAWER LETTER FLEW D LK			1.00		
A-100-10	2480-850	EACH	3.00			
	DESK FILE 8" CAP 50					
	Lot Number: JAN10			3.00		
A-100-20	2480-850	EACH	2.00			
	DESK FILE 8" CAP 50					
	Lot Number: JUN2018			2.00		
C-100-30	1001-HONH254	EACH	3.00			
	HON 4 DRAWER LETTER FLEW D LK			3.00		
C-200-40	1001-HONH252	EACH	1.00			
	HON 2 DRAWER LETTER FLEW D LK			1.00		
D-300-20	1001-HONH254LK	EACH	3.00			
	HON 4 DRAWER LETTER FLEW/ LOK			3.00		
SHIPPING	GB-MD750	EACH	1.00			
	MODEM 9600 (SYNCHRONOUS)					
	Serial A6651-1			1.00		
	Number:					

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 90%

The Pick Sheet is given to Picker for picking the product and transferring to the shipping bin.

Order Picking

Order Picking program has been added under the **Sales Order Shipping** menu to allow picking the orders and dropping to respective bins in shipping area.

Order Picking (ABC) 1/3/2018

Warehouse: 001 EAST WAREHOUSE

Forklift Bin: FR-KLF-01 Forklift Bin

Order No: 0000275

Order Qty Totals

Pick Drop End

The **Order Picking** process consists of 2 stages: Picking and Dropping.

During Picking process product is assigned to a Forklift Bin.

Select a Warehouse marked as Use Bins in the Warehouse Code Maintenance and a bin with the Bin Type set to Forklift in the Bin Code Maintenance.

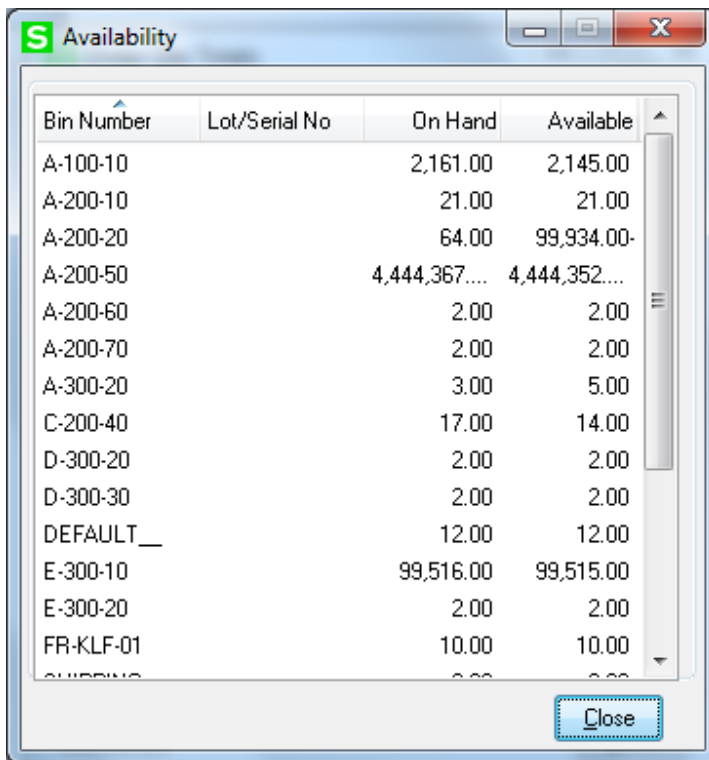
Select the Order to be picked. The Flashlight button lists the orders already picked.

The **Order Qty Totals** button allows for viewing the Items to be picked.

Item Code	UOM	Ordered	Picked
1001-HON-H252	EACH	2.00	.00
1001-HON-H254	EACH	3.00	.00
2480-8-50	EACH	5.00	.00
GB-MD750	EACH	1.00	.00
1001-HON-H254LK	EACH	3.00	.00

Availability Close

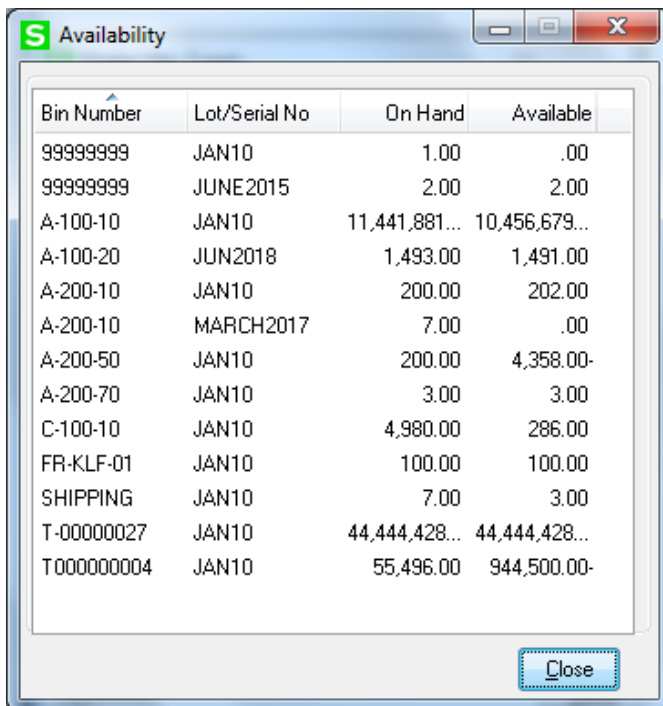
Select an Item and press the Availability button to view Item available quantity by bins.



The screenshot shows a window titled 'Availability' with a table containing the following data:

Bin Number	Lot/Serial No	On Hand	Available
A-100-10		2,161.00	2,145.00
A-200-10		21.00	21.00
A-200-20		64.00	99,934.00
A-200-50		4,444,367....	4,444,352....
A-200-60		2.00	2.00
A-200-70		2.00	2.00
A-300-20		3.00	5.00
C-200-40		17.00	14.00
D-300-20		2.00	2.00
D-300-30		2.00	2.00
DEFAULT		12.00	12.00
E-300-10		99,516.00	99,515.00
E-300-20		2.00	2.00
FR-KLF-01		10.00	10.00

For **Lot/Serial Items** the Lot/Serial number availability by bin is displayed:



The screenshot shows a window titled 'Availability' with a table containing the following data:

Bin Number	Lot/Serial No	On Hand	Available
99999999	JAN10	1.00	.00
99999999	JUNE2015	2.00	2.00
A-100-10	JAN10	11,441,881...	10,456,679...
A-100-20	JUN2018	1,493.00	1,491.00
A-200-10	JAN10	200.00	202.00
A-200-10	MARCH2017	7.00	.00
A-200-50	JAN10	200.00	4,358.00
A-200-70	JAN10	3.00	3.00
C-100-10	JAN10	4,980.00	286.00
FR-KLF-01	JAN10	100.00	100.00
SHIPPING	JAN10	7.00	3.00
T-00000027	JAN10	44,444,428...	44,444,428...
T000000004	JAN10	55,496.00	944,500.00

Pressing Pick button opens the Picking window allowing the user to start picking by scanning respective Bin and Item labels.

The Picking window is a standard Windows-style application window with a title bar. It contains several input fields and buttons. At the top, there are fields for Warehouse (001), Order No (0000275), and Forklift Bin (FR-KLF-01). Below these are fields for Pick From Bin and Item Code, each with a magnifying glass icon. A Qty Pick field is set to .00. A table with four columns: Bin Number, Item Code, Lot/Serial No, and Picked Qty is present. To the right of the table are buttons for OK, Undo, Edit, and Del. At the bottom, there is an Auto Increment checkbox, an Order Qty Totals button, and a Close button.

Bin Number	Item Code	Lot/Serial No	Picked Qty
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The **Pick From Bin** lookup lists the Bin Locations printed on the Picking sheet.

The Order Bin List window is a standard Windows-style application window. It features a list box with two columns: Bin Number and Description. The list contains the following items: A-100-10 (Original bin location), A-100-20 (Original bin location), C-100-30 (Original bin location), C-200-40 (Original bin location), D-300-20 (Original bin location), and SHIPPING. Below the list box is a search section with a Search field, a dropdown for Bin Number, a dropdown for Begins with, and an Find button. There are also buttons for Filters..., Custom..., and Lookup Wizard... At the bottom, there are buttons for Select, Cancel, and a help icon. A status bar at the bottom indicates 'Found 6 records'.

Bin Number	Description
A-100-10	Original bin location
A-100-20	Original bin location
C-100-30	Original bin location
C-200-40	Original bin location
D-300-20	Original bin location
SHIPPING	

After scanning Bin Number the picker can start scanning Items. If the Auto Increment checkbox is selected the Picked Qty is incremented by one during each scan.

The screenshot shows a software window titled 'Picking'. It contains several input fields and a table. The 'Warehouse' field is set to '001' and 'Order No' is '0000275'. The 'Forklift Bin' field is 'FR-KLF-01'. The 'Pick From Bin' field is 'B-100-10' with a 'Clear' button next to it. The 'Item Code' field is '2480-8-50'. The 'Lot/Serial No' field is empty. The 'Qty Pick' field is '.00'. There are buttons for 'OK', 'Undo', 'Edit', 'Del', and 'Close'. At the bottom, there is a checkbox for 'Auto Increment' which is checked, and a button for 'Order Qty Totals'.

Bin Number	Item Code	Lot/Serial No	Picked Qty
B-100-10	1001-HON-H252		1.00
B-100-10	1001-HON-H254LK		2.00
B-100-10	GB-MD750	A6651-1	1.00
SHIPPING	1001-HON-H252		1.00
SHIPPING	2480-8-50	JUN2018	2.00

If the Auto Increment checkbox is not selected the Qty Pick field is enabled for entering the quantity manually:

Picking

Warehouse: 001 Order No: 0000275

Forklift Bin: FR-KLF-01

Pick From Bin: A-100-10

Item Code: 2480-8-50

Lot/Serial No: JAN10 Qty Pick: 1.00

Bin Number	Item Code	Lot/Serial No	Picked Qty
A-100-10	1001-HON-H252		1.00
A-100-10	2480-8-50	JAN10	2.00
C-100-30	1001-HON-H254		3.00
D-300-20	1001-HON-H254LK		2.00
SHIPPING	GB-MD750	A6651-1	1.00

☐ Auto Increment

Del button allows the picker to delete a line already picked.

Edit button allows editing Picked Qty for the selected line.

Picking

Warehouse: 001 Order No: 0000275

Forklift Bin: FR-KLF-01

Pick From Bin: B-100-10

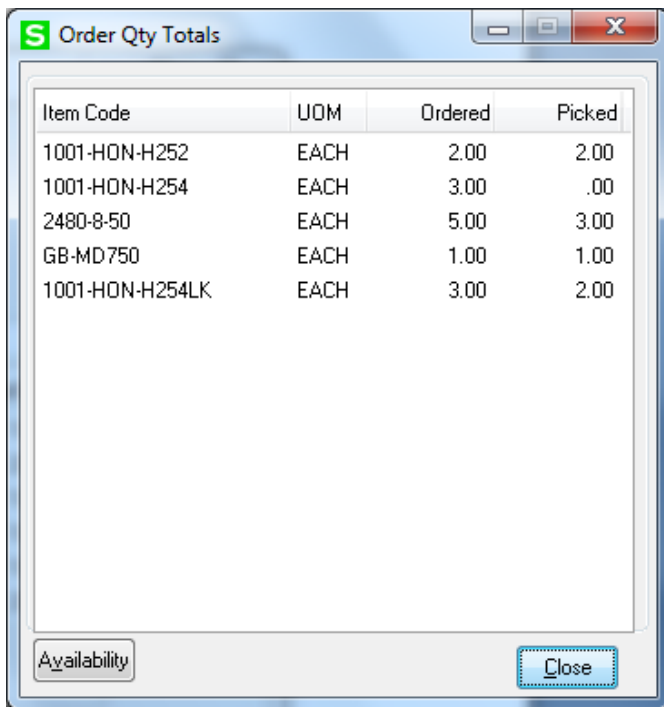
Item Code: 1001-HON-H254

Qty Pick: 1.00

Bin Number	Item Code	Lot/Serial No	Picked Qty
B-100-10	1001-HON-H252		1.00
B-100-10	1001-HON-H254LK		2.00
B-100-10	2480-8-50	JAN10	1.00
B-100-10	GB-MD750	A6651-1	1.00
SHIPPING	1001-HON-H252		1.00
SHIPPING	2480-8-50	JUN2018	2.00

☐ Auto Increment

The **Order Qty Totals** screen displays the Picked quantities.

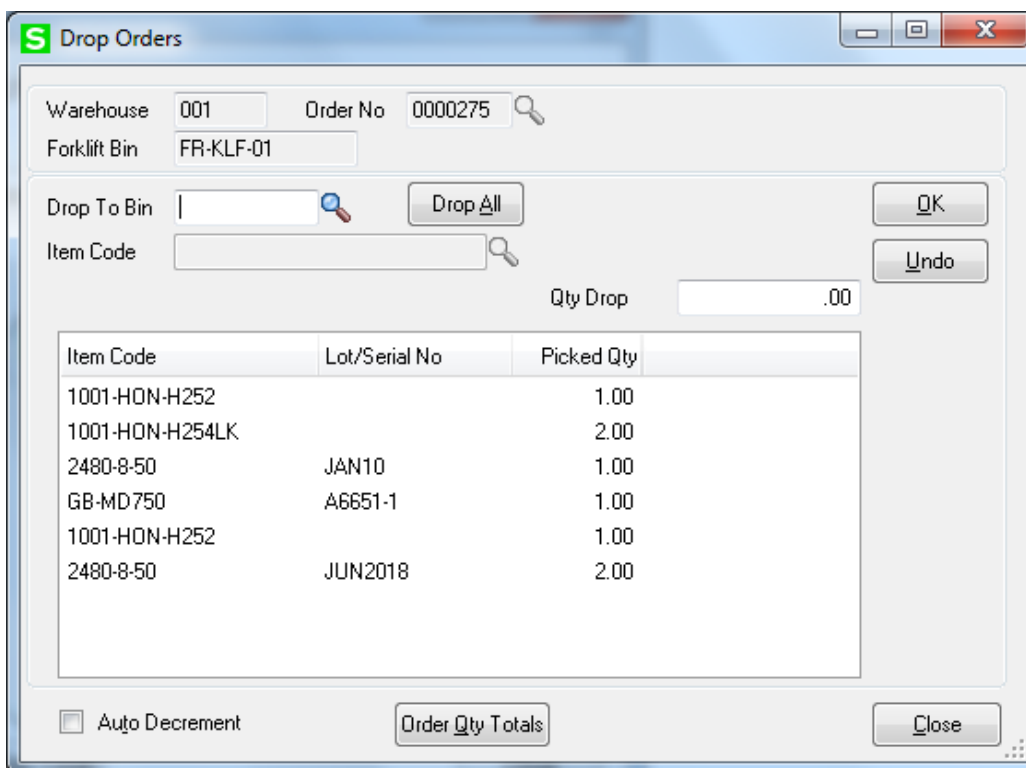


The screenshot shows a window titled "Order Qty Totals" with a table of item data. The table has four columns: Item Code, UOM, Ordered, and Picked. The data is as follows:

Item Code	UOM	Ordered	Picked
1001-HON-H252	EACH	2.00	2.00
1001-HON-H254	EACH	3.00	.00
2480-8-50	EACH	5.00	3.00
GB-MD750	EACH	1.00	1.00
1001-HON-H254LK	EACH	3.00	2.00

At the bottom of the window, there are two buttons: "Availability" and "Close".

The next step is dropping picked Items to the Drop To Bin. Basically Items need to be dropped to the Shipping bin setup for a warehouse in the Warehouse Code Maintenance.



The screenshot shows a window titled "Drop Orders" with several input fields and a table. The input fields are:

- Warehouse: 001
- Order No: 0000275
- Forklift Bin: FR-KLF-01
- Drop To Bin: (empty)
- Item Code: (empty)
- Qty Drop: .00

There are buttons for "Drop All", "OK", "Undo", and "Close". At the bottom, there is a checkbox for "Auto Decrement" and a button for "Order Qty Totals".

The table below shows the items to be dropped:

Item Code	Lot/Serial No	Picked Qty
1001-HON-H252		1.00
1001-HON-H254LK		2.00
2480-8-50	JAN10	1.00
GB-MD750	A6651-1	1.00
1001-HON-H252		1.00
2480-8-50	JUN2018	2.00

Dropping can be done either by scanning each Item or dropping all Items at once by the **Drop All** button.

Warehouse 001 Order No 0000275

Forklift Bin FR-KLF-01

Drop To Bin Drop All

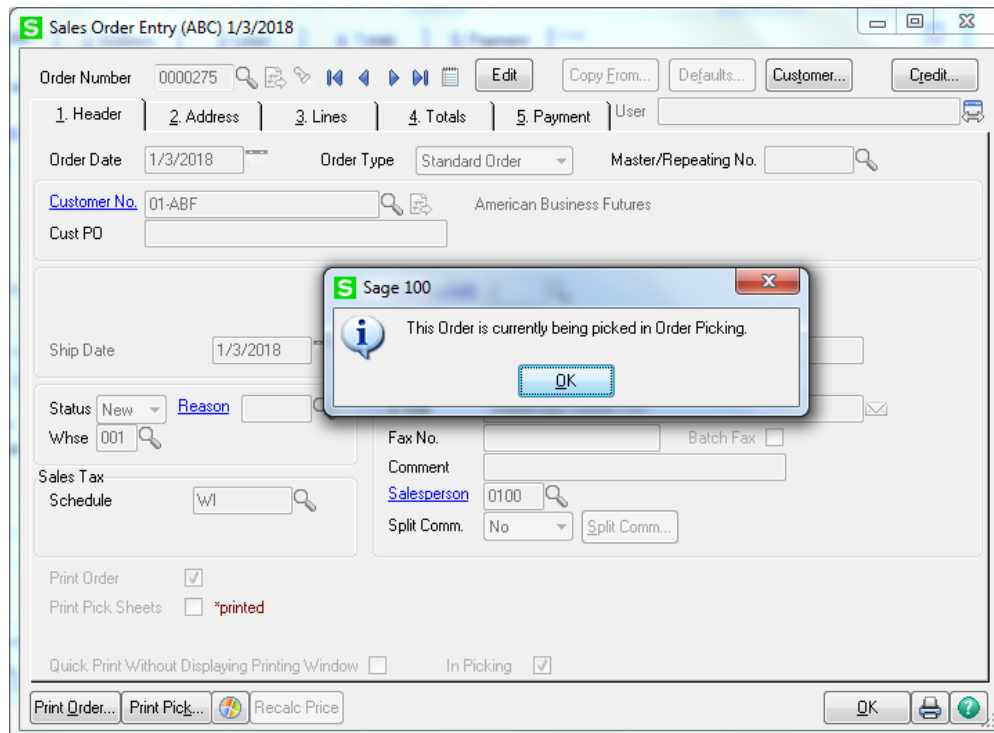
Item Code Qty Drop .00

Item Code	Lot/Serial No	Picked Qty
-----------	---------------	------------

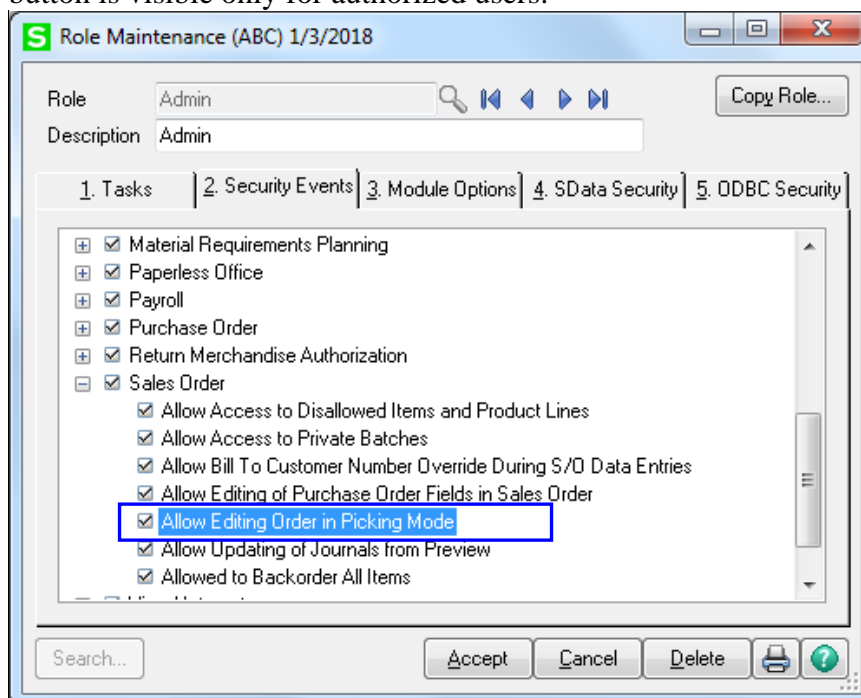
☐ Auto Decrement Order Qty Totals Close

OK Undo

Once the Order is processed in the Order Picking program, the Order becomes flagged as “In Picking” and it can be accessed only in the inquiry mode.



Only the users with **Allow Editing Order in Picking Mode** security event enabled in the **Role Maintenance** are allowed to edit the **Order** flagged as **"In picking"**. The **Edit** button is visible only for authorized users.



As editing of orders being picked may result in out of balance inventory situation, respective warning message appears upon pressing the Edit button.

Sales Order Entry (ABC) 1/3/2018

Order Number: 0000275 Edit Copy From... Defaults... Customer... Credit...

1. Header 2. Address 3. Lines 4. Totals 5. Payment User: useriig

Order Date: 1/3/2018 Order Type: Standard Order Master/Repeating No.:

Customer No.: 01-ABF American Business Futures

Cust P...:

Ship To:

Status: New Reason: E-mail: artie@sage.sample.com

Whse: 001 EAST WAREHOUSE Fax No.: Batch Fax: ☐

Sales Tax: Comment: Salesperson: 0100 Jim Kentley

Schedule: WI Split Comm.: No Split Comm...:

Print Order: ☒ Print Pick Sheets: ☐ *printed

Quick Print Without Displaying Printing Window: ☐ In Picking: ☒

Print Order... Print Pick... Recalc Price OK [Printer Icon] [Help Icon]

Sage 100

Editing this order while in picking mode can potentially cause an out of balance inventory situation. Do you wish to continue?

Yes No

After **Picking/Dropping** the Order distribution is changed and all lines are distributed from SHIPPING bin.

Picking Sheet Printing

Main Report Page: 1

Picking Sheet

Warehouse: 001 EAST WAREHOUSE

Order Number: 0000275 Order Date: 1/3/2018

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 Code	Unit	Ordered	Bin Qty	Shipped	Backordered
SHIPPING	1001-HON-H252	EACH	2.00			
	HON 2 DRAWER LETTER FLE W/O LK			2.00		
SHIPPING	1001-HON-H254	EACH	3.00			
	HON 4 DRAWER LETTER FLE W/O LK			3.00		
SHIPPING	2480-8-50	EACH	5.00			
	DESK FILE 8" CAP 50					
	Lot Number: JAN10			3.00		
	Lot Number: JUN2018			2.00		
SHIPPING	GB-MD750	EACH	1.00			
	MODEM 9600 (SYNCHRONOUS)					
	Serial: A6651-1				1.00	
	Number:					
SHIPPING	1001-HON-H254LK	EACH	3.00			
	HON 4 DRAWER LETTER FLE W/ LK			3.00		

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

Visual Integrator

The files listed below have been added, or changed, in the Data Dictionary by MBN enhancement for Visual Integrator purposes.

Tables

BM_ProductionHeader

Fields

BM068_MBNParentBinNumber

IM068_MBNAdvBinTransfer

All Fields

IM068_MBNBinTransferDetail

TransferEntryNo
WarehouseCode
ItemCode
LotSerialNo
FromBinNumber
ToBinNumber
TransferQuantity
CommentText

IM068_MBNBinTransferHeader

TransferEntryNo
BatchNo

IM068_MBNBinWarehouse

WarehouseCode
BinNumber
Description
PriorityCode
OnHold
BinType
IsTravelerBin
TravelerBinType
AlternateBinNo

IM068_MBNItemBinDistribution

ItemCode
WarehouseCode
LotSerialNo
BinNumber
ReceiptDate
QuantityOnHand
QuantityCommitted

IM068_MBNWhseBinTransHistory

WarehouseCode

	BinNumber
	ItemCode
	LotSerialNo
	TransactionDate
	TransactionType
	TransactionNo
	TransactionLineKey
	SequenceNo
IM_Warehouse	IM068_MBNUseBin
	IM068_MBNNReceivingBin
	IM068_MBNNNextTravelerBin
	IM068_MBNNShippingBin

ODBC Dictionary

The files listed below have been added or changed in the ODBC Dictionaries by this enhancement for Crystal Reports purposes.

Tables

IM068_MBNBalInvBinQtyWrk
 IM068_MBNBinActivityWrk
 IM068_MBNBinLabelWrk
 IM068_MBNBinStatusWrk
 IM068_MBNBinTransferWrk
 IM068_MBNBinWarehouseWrk

Fields

All Fields
 All Fields
 All Fields
 All Fields
 All Fields
 All Fields

IM_OptionsListingWrk

IM068_MBNSaleFromBinBy
 IM068_MBNNReceiveIntoBinBy
 IM068_MBNNSoEntryCommits
 IM068_MBNNPickSheetAutoDist
 IM068_MBNNPickSheetSOFromBO
 IM068_MBNNPickSheetBOFromSO
 IM068_MBNNBackOrderAutoDist
 IM068_MBNNExclLinesWithNoQOH
 IM068_MBNNAllowEditCommInBin
 IM068_MBNNAutoDistReceivingBin
 IM068_MBNNNegativeBinDist
 IM068_MBNNAllowBinSegment
 IM068_MBNNZone
 IM068_MBNNPrimaryPullingZone
 IM068_MBNNOverstockZone
 IM068_MBNNSegmentCount

	IM068_MBNSegmentSize1
	IM068_MBNSegmentSize2
	IM068_MBNSegmentSize3
	IM068_MBNSegmentDesc1
	IM068_MBNSegmentDesc2
	IM068_MBNSegmentDesc3
	IM068_MBNSegment1Sort
	IM068_MBNSegment2Sort
	IM068_MBNSegment3Sort
	IM068_MBNSegment1OrderBy
	IM068_MBNSegment2OrderBy
	IM068_MBNSegment3OrderBy
	IM068_MBNSegmentMask
	IM068_MBNSegmentMaskLen
	IM068_MBNNextBinTransferNo
	IM068_MBNEnableTravelerBin
	IM068_MBNShipFromShippingBin
	IM068_MBNEnableScanInShipping
IM_PhysicalCountVarRegisterWrk	IM068_MBNFormattedBinLocation
	IM068_MBNUseMultiBins
IM_PhysicalCountWrkstWrk	IM068_MBNFormattedBinLocation
	IM068_MBNUseMultiBins
IM_TransactionRegisterWrk	IM068_MBNBinTransactionQty
	IM068_MBNBinNumber
	IM068_MBNBinRecordType
SO_InvoiceWrk	SO068_MBNBinNumber
	SO068_MBNQuantityShipped
SO_PickingSheetWrk	SO068_MBNBinNumber
	SO068_MBNBinQuantityOrdered
SO_SalesOrderWrk	SO068_MBNBinNumber
	SO068_MBNBinQuantityOrdered