MSS from IndsutriOS

BOM Configurator User Manual

Last Updated March 12, 2007

sage software
Integration Partner

Getting Started

Getting Started Overview

You should have a basic knowledge of the Windows environment and procedures, including using Windows Explorer. You should also have a complete understanding of your system setup, including all hardware, network, and software configurations. The following is a list of items you should know, complete, and understand before installing our programs.

- ✓ This software is subject to the terms and conditions detailed in the license agreement, which is included as part of the software installation.
- ✓ Pre-sale support for the evaluation software and technical support for users with a support contract is available through 866-275-9028.
- ✓ This software is installed as an evaluation version, which will expire 1 month after installation. To continue using the programs beyond that time you need to receive an unlock code (registered users), or purchase it from your Sage PFW reseller.
- ✓ You must install the version of our software that is compatible with your Sage PFW. Please contact technical support, if you are unsure if you have the correct version of our software. Before you begin the installation and use of this program, you should have in-depth knowledge of your Sage PFW Software.
- ✓ Pervasive Software Corporation's database engine must be setup and configured properly before our programs will function.
- ✓ If you are upgrading from a previous version of the MSS software, please follow the upgrade procedure outlined in the System Basics Users Manual. It is very important that all users are accessing the same software version and old software does not exist on workstation or network drives.
- ✓ This program will not operate independently from our Bill of Material Processor Module. All bills of materials must be setup within BOMP, before using BOM Configurator.

System Requirements

To use MSS from IndustriOS. programs you will need the following:

- ✓ Hardware Requirements are the same as those for Sage PFW 5.5..
- ✓ Sage PFW 5.5 down to 5.1.
- ✓ BOM Configurator requires the following Sage PFW modules: Inventory, Sales Order, and General Ledger.
- ✓ Bill of Materials Processor (BOMP) module from MSS by IndustriOS.

Basic Functionality

The BOM can be modified by adding new components, changing component quantities, changing component cost, and/or replacing components. The user may build an options table to quickly replace the bom's components with optional items, including a custom cost. The item price is configured based on the user-selected options or modifications made to the BOM. Once the order is saved all order and BOM modifications must be made via BOMP and Sage PFW Sales Order.

The customized Assembly Item can be written as a custom transaction to the Bill of Materials Processor so it can be processed through Sage PFW Inventory using one of BOMP's seven transaction types.

The data in the Item Configurator is stored in Access format. All tables and records in the tables are easily accessible through Microsoft Access. For those users who are familiar with Access, customization of reports and manipulation of data through queries can be easily performed.

Note: This program is not intended to replace Sage PFW's Sales Order Entry Module. BOM Configurator writes the order information to Sage PFW SO and use Sage PFW AR for customer information and pricing, as well as writing to AR's posted invoice file.

BOM Configurator Process Flow

Step 1 ~ Install Software

Follow the installation instructions outlined in the Getting Started Guide. The Getting Started Guide can be downloaded from our web site.

Step 2 ~ Create and Select a Company.

The user may setup multiple companies and easily switch between each processing company. For more information, please refer to the Getting Started Guide.

STEP 3 ~ (Optional) Setup the Option Table.

The Option Listing will print a listing of the optional components entered into Option Maintenance for the Assembly. Please see "Option Maintenance" on page 21. For information on the listing report, please see "Option Listing" on page 23.

Step 4 ~ Sales Order Entry Information.

Enter the sales order information. For more information, please see "Sales Order Entry" on page 7.

Step 5 ~ Modify BOM

Select a line item and click on the tool bar button allowing you to modify the BOM. Configure the custom BOM and the system will generate a new item price. For more information, please see "Interface to BOMP" on page 14 and "BOM Details" on page 18.

Step 6 ~ Interface to BOMP

Interface the edited item to the Bill of Material Processor. For more information, refer to "Interface to BOMP" on page 14 and "BOMP Interface" on page 28.

Step 7 ~ Save Order

Save the Order and go to Sage PFW for further processing of the Sales Order.

Sales Order Entry

Sales Order Entry Overview

The Order tab is used to create new orders, or modify existing orders. Enter information into the required fields on each of the tabs; much of the information is defaulted from Sage PFW's AR files. Once the order is saved, all changes must be made through the Sage PFW Sales Order module.

Order Tab

Customer Key

Required Field! Enter the customer key of the customer for whom you are placing the order. The customer keys and associated customer information are pulled from Sage PFW's Accounts Receivable module. When the customer key is entered, other fields are automatically filled in with information relating to the customer you selected. You can modify these fields and the information will be written to Sage PFW's AR Files.

Ship to Key

Enter the ship to key for the customer location to which the items on the order will be shipped. Using the lookup may change the ship to key. When a ship to key is entered, other fields are automatically filled in with the defaults for the ship to key you selected.

To use the information related to the ship to key, instead of the customer key, re-select the ship to key in the Ship to Key field.

Sales Order Number

This is the unique five digit alphanumeric number assigned to the order that you are creating or modifying. If this is a new order, the next available order number is assigned when you save the order. You may enter an order number, however, the auto numbering file in Sage PFW's Accounts Receivable will not be updated; therefore, duplicate order numbers could be created. Using an alpha character in order numbers that are manually assigned will help you avoid duplicate order numbers.

Sales Order Status

The status of the order based on the type of processing that has occurred.

- NN -New Order, Not Posted: A new order that has been saved but not posted.
- NP -New Order, Printed and Posted: Default Order Status when a new order is printed and posted.
- Np -New Order, Invoice Printed Not Posted: Assigned by the system when an invoice is printed in Print and Post Invoices.
- BN -Back Order, Not Posted: Assigned by the system when an order is back ordered in Print and Post Invoices.
- BP -Back Order, Printed and Posted: Assigned by the system when a back order is printed and posted in Print and Post Sales Orders.
- Bp -Back Order, Invoice Printed Not Posted: Assigned by the system when an invoice is printed for a back order in Print and Post Invoices.
- C –Cancelled: Manually entered during Sales Order Entry if you wish to cancel the order. You must then use the Purge Completed Orders option to remove the order from the system and reverse any inventory quantities or currency amounts.
- S -Fully Shipped: Assigned by the system in Print and Post Invoices once an order has been shipped in full.
- QN -Quote, Not Posted: Manually entered during Sales Order Entry if you wish to print a quote.
- QP -Quote Printed and Posted: Assigned by the system when a quote is printed and posted in Print and Post Sales Orders. The default is NN-New Order, Not Posted.

Changing the Order Status

Assign QN to all quotes.

If you are modifying an order, do not change the order status. The status will automatically remain the same when the order is saved unless the order has been cancelled.

You may manually change the status of any order, but remember that the new status may exclude the order from further printing or posting.

If you want to manually cancel a sales order, change the status to C.

Terms Key

This field is defaulted to the terms key for the terms of sale, which apply to the selected customer for this order. To change the terms key, select one from the zoom window.

Order Date

Required Field! This field will default to the current date. If you want to enter a date other than the current date, type in a valid date or enter a date using the calendar lookup.

If an Order Date Limitation was defined in Sage PFW Accounts Receivable, Process Options Setup, then the order date entered into this field must fall within the range defined there.

Requested Delivery Date

Required Field! If you want to enter a date other than the current date, type in a valid date or enter a date using the calendar lookup. The requested delivery date must be greater than or equal to the order date.

Cancel Date

Required Field! Enter the date at which time you want the sales order to expire. The cancel date must be greater than the order date.

Salesperson Key

If you want to select a different salesperson key, choose one from the lookup. The list of salesperson keys in the lookup comes from the salesperson keys defined in Accounts Receivable.

Commission Override

This field can be used if you wish to override the commission defined for the salesperson in Accounts Receivable. To override the commission amount do one of the following:

1. Enter the amount as a percent, including the percent (%) sign.
2. Enter the amount as a numerical value. Do not include the currency symbol.
3. Enter NC in uppercase letters, if you do not want a commission to be paid for this sale.

Buyer

Enter the name of the buyer or contact in the company for whom the order is being entered, as you want it to appear on the sales order and invoice. This field may contain up to 15 alphanumeric characters.

Customer PO Number

If the customer has supplied a purchase order number, enter it in this field. The field may contain up to 15 alphanumeric characters.

Nontaxable Freight Amount

This field contains the nontaxable freight amount for the order. If you enter a freight amount, the amount will be calculated with the line item totals and included in the order total when the sales order is saved.

Calculate Tax on Order Total

Place a check mark in the checkbox if you want to calculate the tax on the entire invoice based on the tax key. Do not select this field if you want to calculate tax separately for each line item. If you select this option, the tax for the total invoice is based upon the tax key of the first line item. Be sure the first line item has the tax key you want to use for the whole invoice. The first line item must be an inventory or non-inventory line item in order to enter a tax key.

Misc. Tab

The Miscellaneous tab allows you to enter additional information about the sales order. You may also enter information to have an order recur, to avoid re-entering order information. Most of the fields on this screen are defaulted based on the customer information entered in the Order tab. You may modify the defaulted fields by using the zoom windows.

Recur Cycle Key

Select a recur cycle key from the lookup or leave the field blank if you do not want the order to recur. The recur cycle keys in the lookup are defined in Accounts Receivable. Complete this field if you want the sales order to recur automatically at specified date intervals, so you are not required to enter the same order information repeatedly.

Note: To properly update Inventory, you must post recurring sales orders.

Create Back Order for Unshipped Items

Place a check mark in the checkbox if you want to generate a back order if the shipment is only partially shipped. You can also create a back order by selecting the Create Back Order for Unshipped Items checkbox in Sales Order Shipment Entry. If you make a change to one field, the other is automatically updated for you by the system.

FOB Key

If you want to select a different FOB key, choose one from the lookup. The list of FOB keys in the lookup comes from Accounts Receivable. It is filled in as follows:

- If a FOB key was defined for the ship to key in Accounts Receivable, the FOB key defined for the ship to key is filled in.
- If you change the ship to key, the FOB key defined for the ship to key is filled in.
- If you change the ship to key to be blank or a ship to key was not defined for the customer, the FOB key defined for the customer key is filled in.

Comment Key

Choose a comment from the lookup or leave the field blank if you do not want a comment to print. The list of comments in the lookup comes from Accounts Receivable. It is filled in as follows:

- If a comment key was defined for the ship to key in Accounts Receivable, the comment key defined for the ship to key is filled in.
- If you change the ship to key, the comment key defined for the ship to key is filled in.
- If you change the ship to key to be blank or a ship to key was not defined for the customer, the comment key defined for the customer key is filled in.

Customer Class Key

Required Field! Enter the customer class key, which is used to calculate pricing, finance charges, and determine posting accounts and natural currency type for the customer. You may change the customer class key, but you must not change the customer's currency type. It is filled in as follows:

- If a customer class key was defined for the ship to key in Accounts Receivable, the customer class key defined for the ship to key is filled in.
- If you change the ship to key, the customer class key defined for the ship to key is filled in.
- If you change the ship to key to be blank or a ship to key was not defined for the customer, the customer class key defined for the customer key is filled in.

Note: Altering the customer class may affect the pricing calculations of inventory items for the order.

Default Item Location Key

If you want to change the default item location key, select one from the lookup. The list of location keys in the lookup comes from the location keys defined in Inventory. This field contains the location key for the warehouse from which the items that are included in the shipment should be selected. If you enter a default item location, the location will be automatically filled in for you in the Location field on the Line Items tab for each inventory item.

You may override the default location but your order may be affected since the pricing of Inventory items may differ from location to location.

Ship Via Key

If you want to select a different ship via key, choose one from the lookup. The list of ship via keys in the lookup comes from the ship via keys defined in Accounts Receivable.

Territory Key

This field contains the territory key of the territory to be credited with the sale. If you want to select a different territory key, choose one from the lookup. The list of territory keys in the lookup comes from the territory keys defined in Accounts Receivable.

Payment Tab

The Payment tab allows you to enter all payment receipt information, including credit card details, for prepaid orders.

Receipt Number

If the sales order involves a prepayment or deposit, this field contains the document number, such as check or money order number. This is a required field if a receipt amount or receipt date is entered.

Note: Receipt information is distributed to Sage PFW AR when the orders are posted. After posting the next time the order is pulled up, the Receipt Number, Receipt Date, and Receipt Amount, fields are cleared, preventing double posting of payments.

Receipt Date

If the sales order involves a prepayment or deposit, this field contains the date of the receipt. This is a required field if a receipt amount or receipt number is entered.

Note: Receipt information is distributed to Sage PFW AR when the orders are posted. After posting the next time the order is pulled up, the Receipt Number, Receipt Date, and Receipt Amount, fields are cleared, preventing double posting of payments.

Receipt Amount

Enter the sales order prepayment or deposit amount. This is a required field if a receipt number or receipt date is entered.

Note: Receipt information is distributed to Sage PFW AR when the orders are posted. After posting the next time the order is pulled up, the Receipt Number, Receipt Date, and Receipt Amount, fields are cleared, preventing double posting of payments.

Credit Card Type

Enter the credit card type. This field will default if a credit card type was entered when the customer was set up in Sage PFW AR. You can keep the default credit card type or enter a different credit card type if applicable. This field contains five alphanumeric characters so you may need to abbreviate. For example, MasterCard = MC.

Note: A prepayment is only processed if the Receipt Number, Receipt Date, and Receipt Amount fields are filled in.

Credit Card number

This field is defaulted from Sage PFW AR. If this sales order involves a prepayment in the form of a credit card, you can keep the default credit card number or enter a different credit card number if applicable.

Note: A prepayment is only processed if the Receipt Number, Receipt Date, and Receipt Amount fields are filled in.

Expiration Date

If this sales order involves a prepayment in the form of a credit card, you can keep the default expiration date or enter a different one if applicable.

Note: A prepayment is only processed if the Receipt Number, Receipt Date, and Receipt Amount fields are filled in.

Cardholder Name

This field contains the name on the credit card the customer is using.

Note: A prepayment is only processed if the Receipt Number, Receipt Date, and Receipt Amount fields are filled in.

Credit Card Authorization

Enter the authorization code. This field contains up to 25 alphanumeric characters.

Credit Card Phone Number

If the customer exceeded their credit card limit and authorization was obtained to continue with the purchase, you might enter the telephone number you called for authorization in this field.

Address Tab

The Address Tab contains the name and address details of the customer who will be billed for the shipment and the ship to customer information. When you enter a customer key on the Order tab, these fields are automatically filled in for you. You may change any of the fields, if necessary.

Credit Tab

The Credit tab allows you to view credit information for the customer. The information comes from Sage PFW’s Accounts Receivable module and cannot be changed in this screen.

The Credit Limit field indicates the customer's credit limit and along with the Unposted Credit In Use field, is helpful in evaluating the customer's credit status. The Unposted Credit In Use field is used by the system to determine if the customer has exceeded their credit limit when the order is saved.

Line Items Tab

The Line Items tab allows you to enter an unlimited number of line items. It displays running totals, the item, discount, tax, and account information. When you pull up an existing order, the system loads line items for you to view or change, as applicable.

Edit Bill of Material

Selecting this button will pull up a detail screen that allows you to modify the bill of material component detail. This option will only be available on inventory items with a valid BOM entered into our Bill of Material Processor Module. For more information, please see “BOM Details” on page 18.

Interface to BOMP

Selecting this option will tag the item to interface with the Bill of Materials Processor. You must have the item selected and then click on this button. A BOMP transaction will be generated for the customized BOM. For more information, please see “BOMP Interface” on page 28.

Zoom

The magnifying glass will zoom on the available records for the currently selected field.

Item Key

Required Field! This field contains the item key for the inventory item being ordered by the customer. Enter a valid item key using the lookup.

Note: If AR is interfaced to Inventory, the list of items in the lookup comes from the Item Master and Location files in Inventory. If AR is not interfaced to Inventory, the list of items comes from the Item Master lookup.

Description

When a valid item key is entered, the description is automatically filled in from Item Master. Type the comment or description exactly as you want it to appear on the order or invoice.

Location

Required Field! This field contains the location for the warehouse from where the ordered items will be selected. This field is only available for inventory items.

Qty Ordered

Type in the number of items that the customer has ordered. After entering a quantity in this field, the line item totals are automatically calculated by the system and display at the bottom of the screen.

Unit Price

If Sage PFW AR is interfaced with Inventory the system searches for the appropriate unit price using information entered in Accounts Receivable by the pricing methods selected when the customer was set up and pricing records set up in the Price Matrix window.

If the system locates a price record based on the primary or secondary pricing methods defined in Accounts Receivable, the base price override or price break set up in the Price Matrix file is applied to the base price of the item. If no price record is located, the base price defined in Inventory is used for the unit price.

If Accounts Receivable is not interfaced to Inventory, the unit price comes from the unit price set up for the item in the Item Master Lookup file in System Management. The unit price default is reapplied only if:

- You change the item key or location
- The unit price is zero and you change the quantity
- You choose the Recalculate Order or Recalculate Price toolbar buttons

Qty Remaining

If you are entering a new sales order, the quantity remaining is usually the same as the quantity ordered, therefore, click the Qty Rem field after entering the quantity ordered and the field will be filled in for you.

Disc PCT

This field contains the percentage discount that you want to apply to the line item. If you enter a discount percentage, the line item totals displayed at the bottom of the tab are adjusted to reflect the discount.

Tax

This field contains the tax key for this line item. This field is available for all line item types except comment. Each line item may have a different tax key. Taxes are calculated per line item, not for the order total.

The tax rate key comes from the Customer file in Accounts Receivable or the Item Location file in Inventory, as defined in Application Setup in Accounts Receivable.

Account Number

This field contains the general ledger account number of the revenue account to which sales are to be posted. The field is available for all line item types except comment. The default revenue account may come from the Customer Class, Territory, or Salesperson files in Accounts Receivable, or the Item Location file in Inventory, as defined in Application Setup in Accounts Receivable. You can change the account, if necessary.

Note: If you default the revenue account from the Customer file, and change the class of the customer during Sales Order Entry, you may want to verify, and if necessary, manually change the default revenue account on the Line Items tab. The revenue account on the Line Items tab is the account that is defined for the Customer Class linked to the customer file. Likewise, if you change the default territory, salesperson, or warehouse location from which the item should ship, you may also want to manually change the revenue accounts.

Cost

This field contains the unit cost of each line item. Whether or not a unit cost is displayed is determined as follows:

If in Process Options Setup in Accounts Receivable, you selected to display the Cost field of each line item you enter in Sales Order Entry, then the cost displays here. The value, which displays (last, average, or standard), is dependent on the selection you specified in Process Options Setup.

If you are interfaced to Inventory, the current cost of the item displays from the Item Location file in Inventory and may vary between warehouse locations. Therefore, if you change the location key for the line item, the cost may also change. Likewise, if you change the item key, the cost may change. You may override the cost if you want to.

If you are not interfaced to Inventory, you can enter an estimated cost in the Cost field.

If you are not interfaced to Inventory, and are using the Item Master Lookup, the unit cost for the item entered in the Item Master Lookup is filled in for you. The unit cost will change if you change the item key.

Request Date

This required field displays the requested ship date of the line item. The field is available for inventory and non-inventory line items. When you enter a new sales order, the date you entered in the Requested Delivery Date field on the Order tab is filled in for you on the Line Items tab. You may change the date, if necessary.

Ship Date

This field contains the date the line item will be shipped. The field is available for inventory and non-inventory line items.

Note: If you are shipping during sales order entry, the date you enter in the Ship Date field on the Shipment tab is filled in for you on the Line Items tab. You may change the date, if necessary.

BOM Details

BOM Details Overview

This screen displays the standard bill of material as entered into the Bill of Materials Processor Maintenance Entry Screen. You may modify the BOM by adding new items, deleting items, changing quantities, and changing the component price. You may also enter new components based on the optional items entered into the Option Maintenance table.

Note: To get to this screen, first open up the main BOM Configurator (Sales Order Entry) screen. Then go to the line items tab and bring in an Item Key (that is an assembly), Location, and Quantity. At the Bottom Left hand side of the screen you should see "Assembly Item-Interfaced" if you have entered a valid assembly. Then click on the button with the pencil icon on it. (It will be at the top left side of the screen.) Then you can click on the individual components you want to make substitutions for. When you use the zoom key here it will use the Option Maintenance table or all items with the same item class depending on which option you have selected in the System Defaults program.

Entering an Optional Item

1. Click on the Component that you wish to change to an optional item.
2. Click on the Magnifying glass.
3. Select one of the Optional Items. This lookup displays the Optional Items entered on the Option Maintenance screen.
4. The selected Item and new price will be displayed as a component key.
5. When you exit this screen, you will be prompted to calculate the new Assembly price, based on the modifications that you made in this screen.

Adding a component

1. Select the row with the * .
2. Change the Component Source to Inventory, Additional Cost, or Standard Text.
3. Use the Zoom button or F9 to select from the valid items available in the component source that is selected.
4. Select an Item.
5. Enter a Location.
6. Enter a Quantity.

7. All other fields are optional.

Deleting a component

1. Select the Component to Delete.
2. Select the Delete from the keyboard.

Component Source

The *component source* section allows the user to choose from the three available item types for a component.

Inventory

If this component source is selected then the component field zoom window will display all valid Sage PFW Inventory items.

Additional Cost

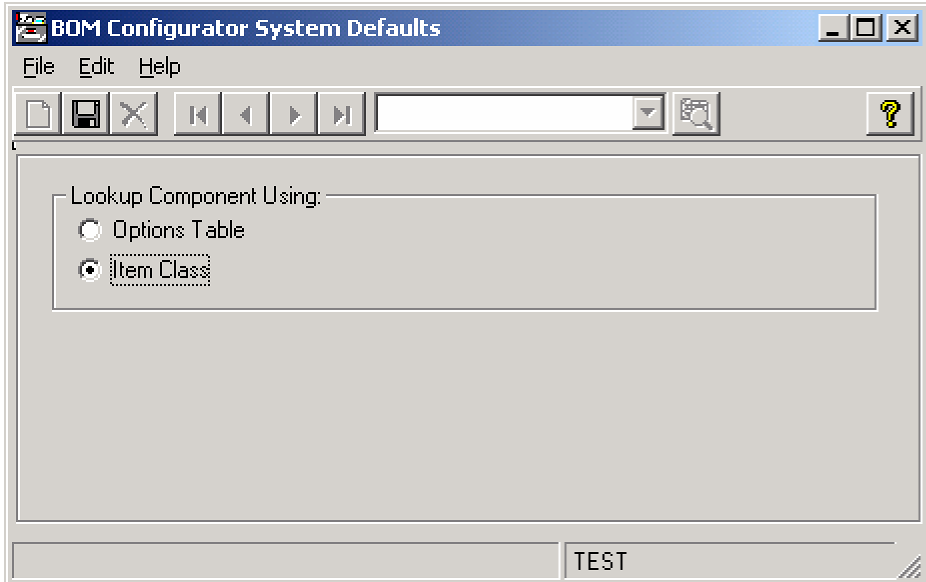
If this component source is selected then the component field zoom window will display all valid Additional Cost Items. The Additional Cost item keys are defined and created in the Maintenance-Setup Tables section. For more information on Additional Cost Keys, please refer to the Bill of Materials Processor Manual.

Standard Text

If this source is selected then the component field zoom window will display all valid Standard Text keys. The Standard Text is an 18 character key field that links to a free-format note field. Standard Text items will not affect posting in Transaction Processing; they are for information purposes only on BOMP reports such as the explosion and listing reports. The only field that is utilized by standard text items is the Component Item field. The other fields may be entered, but they are ignored by the system. For more information on Standard Text Codes, please refer to the Bill of Materials Processor Manual.

BOM Configurator System Defaults

Overview



This is where you select whether the items in the options maintenance table or all items of the same class will be brought up when you zoom for replacement items in the Sales Order Entry program.

To use, simply make your selection and then press the save button.

Options Table

If this option is selected then only the items set up in your options maintenance table will be shown for possible substitution in the Sales Order Entry program.

Item Class

If this option is selected then all items of the same class in your company will be shown for possible substitution in the Sales Order Entry program.

Option Maintenance

Option Maintenance Overview

The Option Table allows you to setup “replacement” features for inventory items. The user may then easily replace BOM component items with an item from the option list.

Component Key

Select the inventory item that you want to assign an optional item. You may setup an unlimited number of optional items to each component. All optional items must be valid Sage PFW inventory items.

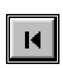
Feature/Component

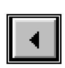
Select the inventory item that may be used as a substitute for the selected Component Key.

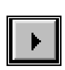
Price

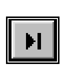
Enter the price for the Feature Item that you selected.

Scroll Bar


Displays the first record in the maintenance table.


Moves to the previous record in the maintenance table.


Moves to the next record in the maintenance table.


Displays the last record in the maintenance table.


Displays a list of the available records in the maintenance table and allows the user to select a specific record to be displayed on the screen.

Option Maintenance Tool Bar

Save

This button must be selected to store new or modified information to the BOMP.MDB file.

New

This button returns the screen to a blank form. New or modified information will be lost if the Save button is not selected before clearing the screen.

Delete

This button will permanently remove the displayed record from the live file.

File Menu

New (Ctrl + N)

This option returns the screen to a blank form. New or modified information will be lost if the Save button is not selected before clearing the screen.

Save (Ctrl + S)

This option stores new or modified information to the BOMP.MDB file.

Delete

This option will permanently remove the displayed record from the maintenance table.

Find (Ctrl + F)

Allows the user to search through the valid Overhead Keys. Enter a search value and then select the specific key. The selected key will be displayed on the screen.

First (F5)

Displays the beginning record in the maintenance table.

Previous (F6)

Moves to the preceding record in the maintenance table.

Next (F7)

Moves to the subsequent record in the maintenance table.

Last (F8)

Displays the ending record in the maintenance table.

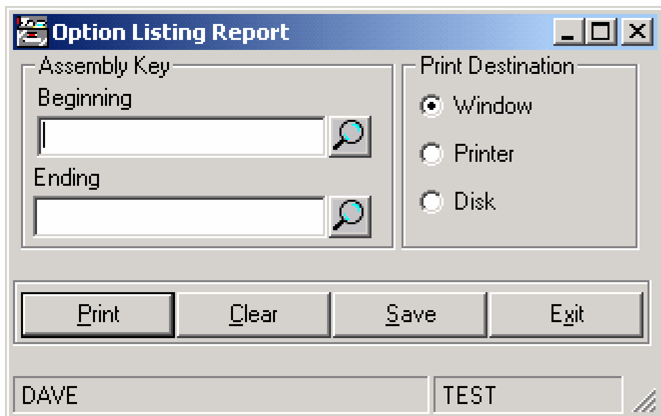
Exit

This button shuts down the current screen and the program returns to the Main Menu.

Option Listing

Option Listing Overview

The Option Listing will print a listing of the optional components entered into Option Maintenance for the Assembly.



Assembly Item Range

The user may specify a range of ***Assembly Items.*** The magnifying glass icon located to the right of the Range fields will allow the user to search the valid records. The user may search for a specific record, by pressing the icon, entering part or all of the value in the "Search Value" box and then pressing the <ENTER> key. Once the desired record is highlighted press <ENTER> or the select button. The value will be inserted into the entry field. If the "Beginning" field is left blank, the program will assume that you want to start with the first record. If the "Ending" field is left blank, the program will assume that you want to end with the last record.

You may use the Page Down, Page Up, Ctrl Home, and Ctrl End to navigate the search windows. The F3 function key will copy information from the Beginning field to the Ending Field.

Print Destination

Window

Prints the report to a Crystal Reports screen.

Printer

Prints the report to the default printer specified in Windows Printer Setup.

Disk

Exports the report to a specified file type. Microsoft export DLL Files are required to use this options, these files can be obtained through INDUSTRIOS technical support.

Option Listing Tool Bar

Print

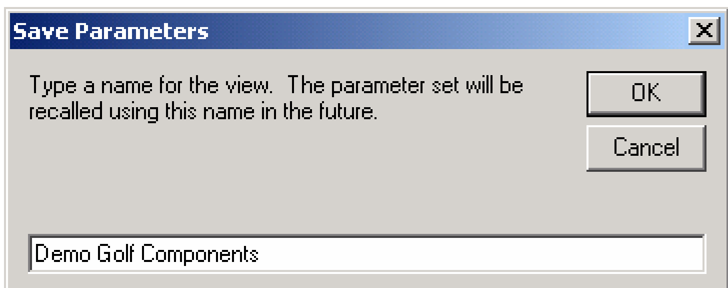
This button allows you to print the report to the specified print destination.

Clear

This button returns the screen to a blank form. New or modified information will be lost if the Save button is not selected before clearing the screen.

Save

This button allows the user to save the parameters for a report. After you click on Save a box like the one below will appear.



Type in the name you wish to give this set of parameters and press the OK button.

Exit

This button shuts down the current screen and the program returns to the Main Menu.

Work Order Report

Work Order Report Overview

The Work Order Report's main purpose is to generate a printout for the production department to use as a pick list. There are two different report types available: "Assembly Item" reports and "Work Order Number" reports.

Assembly Item Report

If the production order has not been posted the Assembly Item report will print an indented pick list based on the generic BOM.

Assembly Item Range

The user may specify a range of ***Assembly Items.*** The magnifying glass icon located to the right of the Range fields will allow the user to search the valid records. The user may search for a specific record, by pressing the icon, entering part or all of the value in the "Search Value" box and then pressing the <ENTER> key. Once the desired record is highlighted press <ENTER> or the select button. The value will be inserted into the entry field. If the "Beginning" field is left blank, the program will assume that you want to start with the first record. If the "Ending" field is left blank, the program will assume that you want to end with the last record.

You may use the Page Down, Page Up, Ctrl Home, and Ctrl End to navigate the search windows. The F3 function key will copy information from the Beginning field to the Ending Field.

Options

Levels

A level of 1 is the assembly item itself and would not typically be used. A level of 2 would contain everything in the top level BOM, without exploding any sub-assembly detail. A level of 99 would contain all levels of all sub-assemblies.

Quantity

This is the quantity of assemblies that you want to release to production. The assembly quantity determines the quantity of components to be pulled from stock.

Work Order Report

If a transaction has been posted, the user can use the “Work Order Number” report, which pulls directly from the detail screen in Transaction Processing. If you change quantities or delete components from the bom's (using the detail screen) the changes will show up on your Work Order report.

Work Order

The user may specify a range of ***Work Order Numbers***. The magnifying glass icon located to the right of the Range fields will allow the user to search the valid records. The user may search for a specific record, by pressing the icon, entering part or all of the value in the “Search Value” box and then pressing the <ENTER> key. Once the desired record is highlighted press <ENTER> or the select button. The value will be inserted into the entry field. If the “Beginning” field is left blank, the program will assume that you want to start with the first record. If the “Ending” field is left blank, the program will assume that you want to end with the last record.

Filters

Open Orders

This option will print all open orders that fit in the specified range.

Unprinted

This option will print all unprinted orders that fit in the specified range.

Print Destination

Window

Prints the report to a Crystal Reports screen.

Printer

Prints the report to the default printer specified in Windows Printer Setup.

Disk

Exports the report to a specified file type. Microsoft export DLL Files are required to use this options, these files can be obtained through INDUSTRIOS technical support.

Description From

This field allows the user to print the component description from the Item Master description or the Comment field from the Transaction Processing Detail screen.

Data Menu

Purged Data

This option allows the user to report on data that has been purged into the BOMPHIST.MDB history database.

Utilities Menu

Notes

Allows the user to include custom free form notes on the report. The notes will only be printed on this report and will not be saved. Standard Text should be used if the same note will be entered repetitively.

Work Order Report Tool Bar

Print

This button allows you to print the report to the specified print destination.

Clear

This button returns the screen to a blank form. New or modified information will be lost if the Save button is not selected before clearing the screen.

Exit

This button shuts down the current screen and the program returns to the Main Menu.

BOMP Interface

BOMP Interface Overview

BOM Configurator will interface to the Bill of Materials Processor if changes have been made to a BOM item or if the “Interface to BOMP” button is selected on the line item. This chapter explains how the transaction is written to the Bill of Materials Processor.

Remember—Once the order is saved, all Order changes must be entered in Sage PFW’s Sales Order Module and all BOM Changes must be made through the Bill of Materials Processor.

How Transaction Entry Fields are populated

Transaction Number-Apply Num

The transaction number is created using the order number and the order line the item was entered on. The above example was created from order number 00037 and the item was the first item on the order.

Assembly

This field is populated with the Assembly Item displayed on the order.

Location

This field is populated with the Location displayed on the order.

Responsibility

This field is populated with the user name of the user that was logged into the Main Menu screen when the Production Schedule Report was run.

Quantity

This field is populated with the Production Schedule planned quantity.

Date

This field is populated with the order request date.

Type

The Transaction Type is always defaulted to Backflush. The user may change the Transaction Type after the transactions are imported into Transaction Entry. Please see the BOMP Manual for more information on transaction types.

Level

The Transaction Level is not used because the component detail is generated from the information entered into the BOM detail screen.

Complete

The transactions are imported with the complete option selected.