



Bill of Material Enhancements for V4.4

1. Multi Item Trial Kit Report

This program was originally part of the Productivity Packs software. This will now be made available to all users that have bill of materials on their pin.

This new report will be added to the Bill of Material, Reports, Trial Kit Report menu.

Note: This report will also replace the JIT Multi Trial Kit report.

1.1. Depot Names

There will be an option in the program to allow the user to include stock in selective depots when doing the Multi Trial Kit.

1.2. Multi Trial Kit

Before running the Multi Trial Kit program, the user must enter a list of stock items and quantities to be processed. The program will store these inputs so that they can be reused on the following run.

When the program is selected from the menu, the user will be asked the question "Use Previous Input" or "New Input" on a scrolling list. If "New Input" is selected then all previous inputs will be lost and the user must enter all stock items from scratch. If "Use Previous Input" is selected the program will continue to the input screen which will be filled with the previous runs inputs. The user will then be able to amend the list as required for the current run.

The user will be able to add new items to the list or change the quantity of an existing item in the same way as if Re-enter had been selected currently. To remove items from the list the user must scroll to the item no longer required and after selecting it, blank out the item number. The item number will be deleted from the list and will not appear on the list next time the user runs the program. Alternatively the user can amend the quantity required to zero, in which case it will not be included in the current run but will appear on the list the next time the program is run. (Note the quantity will be still be shown as zero.)

The program will calculate requirements based on the stock in the selected depots. (see above)

Once the program has finished processing, the item inputs to the program will be stored ready for the next run of the program.

2. Trial Kit Enquiry (Standard and Large Trial Kit Display)

2.1. Summary

These enquiries will be changed to highlight all lines that have a shortage. The user will then be able to select a line that has a shortage and view the next 5 receipts that are due in for the item. There will also be a new option to print these details.

2.2. Details

The components of the entered item will be displayed as now. However, if there is a shortage against a component the whole line will be highlighted.

Upon selecting any highlighted line a new list will be displayed on the screen. This new list will show the next five expected receipts of the item (or all expected receipts if less than 5), be it either from a purchase goods receipt or from a works order quantity completion. The data available for each expected receipt will be the order number (either Works Order Number or Purchase Order Number as appropriate), the supplier account number for a Purchase Order, the expected date of receipt, the expected quantity of that receipt, and the sum of existing usage allocations pre-dating the receipt. Additionally, the sub-item lead time will also be shown. This list will be sorted with the earliest expected receipt appearing at the top. Escaping at this screen will return to the user to the list of components.

Escaping at the component list will present the user with the menu options to "Print", "Another" or "Exit". Exit and another will continue to work as they do now.

The print option will create a printable spool file comprising the information that has already been displayed. Where the item listed is subject to shortage then the relevant details of the next 5 expected receipts will be printed and indented immediately below the relevant item.

Following the print of the item data the user will be offered the options of "Another" or "Exit" only.

3. Date Last Amended on a Bill of Material

Currently, within the system there is a Date Last Amended held against each of the components of a bill of material. This is maintained but not reported or displayed.

There is also no date held against the parent item. Therefore, there is no Date Last Amended recorded if a BOM is modified by deleting a component only.

3.1. Date Last Amended For a Parent Item

The existing BOM Additional details file (BOM-ADDL-DTLS) will be modified to hold a Date Last Amended against the parent item. This will be updated each time a component is added, deleted or amended.

A conversion routine will be provided to initially set this new field to the latest Date Last Amended held against each component.

The following programs will be modified to maintain this new field:

- New Assembly
- Amend Assembly
- Copy Assembly
- Configurator
- BOM Data Take On
- Update Production BOM
- Delete Items within a Product Group
- Delete Items (Productivity Pack)
- Convert Working Bill to Real Bill

Note:

- The new field on the BOM-ADDL-DTLS file is DATE-LAST-AMENDED.

3.2. Displaying/Reporting the Date Last Amended

The following programs will be changed to report these dates:

Display Assembly Enquiry

This enquiry will be modified to show the Date Last Amended of the specified parent item.

The individual Date Last Amended of each component will NOT be displayed.

Single Level Assembly Report

This report will be modified to show the Date Last Amended of the specified parent item and also the individual Date Last Amended will be shown against each component line.

4. Global Deletion of Components from Bills

The existing Global Change option will be modified to give the user the option to either 'replace a component' or to 'delete a component'.

The current processing will be invoked if the user selects the substitute option.

If the delete option is selected the user will be prompted to enter a single component that must exist on at least one assembly. After accepting this component, the program will run through all assemblies that use this component and, if possible, delete the component from the assembly. A report will be generated showing the assemblies that have been affected.

Note:

- It will not be possible to delete the last component on an assembly. An error message will be printed on the report for all components that cannot be deleted.