

Bill of Material/Routing

When Manufacturing is Your Business sm

Of the many challenges facing manufacturing organizations like yours, none is more critical than achieving balance among the many conflicting goals that exist. You may want to:

- Increase sales and reduce inventory
- Improve customer service while lowering overhead
- Increase production but cut cost

...while satisfying your operational personnel and providing sound financial information. JAMS---JAAS Advanced Manufacturing Software, is the leverage you need.

JAMS was written to interface seamlessly with Solomon Software's award winning applications suite. JAMS uses both the financial and distribution modules of Solomon 4.2 to provide a comprehensive solution. By leveraging Solomon's flexible architecture, JAMS has created an environment that is easy to manage, yet powerful. JAMS readily provides the information needed by manufacturers to remain profitable in a changing marketplace.

JAMS is a series of application modules designed to provide real time enterprise solutions for many different types of manufacturers. The principals of JAAS have over 100 years of experience in the design and implementation of manufacturing systems. When combined with Solomon, JAMS provides the most cost effective manufacturing system in the mid-range market today.

Easy To Get Started

At the core of JAMS is the Bill Of Material/Routing Module. This module not only creates production specifications, but is the framework for the planning functionality in other JAMS modules. Key to the design of this module is the ease of user maintenance for both the Work Center and BOM/Routing. For example, you can establish and maintain multiple shifts within each Work Center by crew size or

machines. Since each Work Center can have its own Shop Floor Calendar, you have a flexible way to establish both crew efficiencies and shift pay differentials at a specific Work Center.

JAMS allows you to associate overhead and/or other costs directly to the work centers. Manufacturers that wish to utilize Activity Based Costing will find this a beneficial feature. Overhead costs may be established as either fixed, variable by quantity completed or variable by hour.

JAMS provides for the creation and tracking of Tools and Assembly Aids. These are non-inventory items that may be used in the production process. Some items may be considered as non-consumables and will not affect materials cost associated with the assembly. In addition, tools or molds which have a finite physical life may have a portion of their cost allocated to the production cost of the component or assembly.

Inventory ID	Description	Qty Required
HON-675L-L	HON 600 Series Wide Lateral Five Drawer File Cabinet	1.00
UNV-14113	Hanging File Folder - Letter Size w/ 3 tabs	2.00
UNV-14115	Hanging File Folder - Letter Size w/ 5 tabs	1.00

The Bill of Material/Routing Maintenance Screen allows for easy creation and maintenance of key fields.

Powerful Cost Roll Up

With this feature, you can select by site, item, class or Bill of Material, the cost roll up feature of JAMS. As costs are rolled up, they can update the pending standard costs of the item selected. You can review the effect of these cost roll ups before final application.

INQUIRY AND DRILL DOWNS

The Bill of Material/Routing is an integrated module which gives users more meaningful information and reports:

- Engineering Change Notices (ECN) written for a specific BOM
- Production Orders scheduled for specific Work Centers
- Revision History
- Work Center usage
- Quick Cost Summary

Drill down capability allows equal access to all Solomon and JAMS modules. Note Field capabilities, identical to those in Solomon, give the user additional resources to annotate manufacturing documents.

BUSINESS ISSUES

You need more accurate costing information for the product.

You are having quality issues on the latest production run with recent product revisions.

Your shop normally runs 24x7, however the laser imprinting center is not available 3rd shift due to lack of trained individuals.

SOLUTIONS

The overhead feature of the BOM allows for Activity Based Costing.

Use Revision History to see how the product may have been changed.

The flexibility of the Wizard-based Shop Floor Calendar allows you to create customized calendars for unique or specialized requirements based on the availability of a particular Work Center.

BOM/Routing Module Features:

- Backflush Labor and/or Materials at the Work Center or Component Level
- Infinite Levels on the Bill of Material
- Unlimited Production Steps in the Work Center
- Tracking of Effectivity Dates and Expiration of Material
- Ability to handle scrap factors
- Support of Phantom and Non-Stock Items
- Allows for the production of by-products
- Statistical Process Controls (SPC) record keeping within work orders
- Supports alternate Bills Of Materials/ Routing



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