

# Production Management

## *When Manufacturing is Your Business<sup>sm</sup>*

Your company's overall goals may not always be aligned with individual departmental goals. In the past, lack of meaningful and timely information has contributed to these profit robbing conflicts. JAMS--- JAAS Advanced Manufacturing Software, provides the information alignment needed to reduce these organizational inconsistencies.

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.

### **Data Easily Entered, Easily Viewed**

JAMS has been written utilizing Solomon's flexible screen management techniques and parameter driven fields. These provide the end user with selectibility and flexibility in the tedious function of data entry. Production Orders can be generated quickly, with as little information as the assembly and quantity to be produced.

Selectibility and flexibility is also evident in the way JAMS allows you to check your raw material availability using the Critical Materials feature before releasing your production order. Optionally, JAMS has the ability with its backflush feature to move material transactions from raw material directly to finished goods. Labor may also be backflushed individually or in combination with material.

### **Efficient Production Order Processing**

Production Orders and the materials required for their fulfillment are traditionally released in a series of manual steps. JAMS can automate this function if desired. The Release Production Order function will allow you to release all or selected Production Orders and print the Production Ticket. Materials can then be released manually, or the Wizard will automatically present all materials needed by these orders.

Production Order Maintenance (AM.PID.00)

Prod Nbr: 0000001000 Prod Date: 7/29/2000 Status: Released

Inventory ID: HON672L.L Site: LA

HON 600 Series Wide Lateral Two Drawer File Cabinet

General | References | Event History

Qty To Produce: 500.000  
Unit: EA  
Qty Completed: 0.000  
Qty Scraped: 0.000  
W/hs Location: 02B04

Scheduling  
Constraint: ASAP  
Const Date: 7 /  
Priority: 5  
Start Date: 7/29/2000  
Ending Date: 8/1/2000

Critical Materials

0060 SYSADMIN 7/29/2000

The Production Order Maintenance Screen has been optimized for ease of data entry.

## VISUAL UTILIZATION

From the Work Center Maintenance screen, Work Center Capacity can be established: by shift, crew size or machines. Efficiencies can also be set for each shift. As production orders are released, the Work Center utilization may be graphically displayed and compared to capacity. This utilization can be displayed for the day, week or month.

## BUSINESS ISSUES

**You need a way to associate Projects and Task from Solomon's Project Series with a Production Order.**

**You need visual access to the production orders.**

**Your products are failing Final Inspection.**

## SOLUTIONS

As costs are accrued on the Production Order (in WIP), costs are also accrued and reported on the Project. When the Production Order is complete, the costs are transferred from WIP and the Project into Finished Goods. Finished Goods are then reissued to the Project.

The Production Order Detail screen shows information on each production order including: Inventory Item, Quantity to Produce, Quantity Produced, Quantity Scrapped, Production Date, Schedule Start Date and Schedule End Date.

The SPC Entry Screen allows production personnel the opportunity to enter the results of the tests taken during the production process. Results can be entered on any Production Order released, in process or completed. When entered, the system will compare the data with the target value and acceptable range. The pass/fail flag will then be set based on the results.

## Production Management Module Features:

- Multi-Company/Multi-Site Support
- Material Release supports Lot and Serial Numbers
- Supports Alternate BOMs
- Labor Transactions interface into Solomon Payroll Time Entry
- Apply Overhead for Activity Based Costing
- Production Performance Analysis
- Infinite Capacity Scheduling
- Revision Level Support
- Tools and Assembly Aid Costs
- Move Transaction function
- Complete Event History for on-line audit



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