NEW RELEASE of BATCHMASTER MANUFACTURING for SAP Business One
Version 9.0.2

Process manufacturers need precise Bin Management, Routing when products span work-centers, and they need to get mobile around their plants to record inventory transactions and other data collection tasks.

These are the new functions that BatchMaster Manufacturing for use with SAP Business One has added with its latest version, 9.0.2.

BatchMaster Manufacturing provides a complete process/batch manufacturing ERP environment right within SAP Business One, and commits to continual advancement of the system to meet all the needs of the process manufacturing industry.

Bin Management:

BMM Bin Management will provide the ability to manage SAP Business One inventory at the bin level as opposed to the more generic warehouse level. The new functionality will allow the user to maintain bins for specific warehouses, select specific bins for inventory transactions, move inventory between bins, and have inventory reporting to the bin level.

Features and Enhancements:

- New table to track the bin level inventory, by item, by warehouse, by bin, by lot, by container.
- Inventory Put-aways form handles Bin Numbers.
- Formatted searches to allow the user to select a Bin Number.
- Warehouse Detail report.
- Business logic to ensure SAP Business One inventory transactions containing bin level information is accurately selected and quantities exist in those bins.
- MRP and MPS honor bin types for aggregate quantities. Bins that are set to Quarantine will not have their quantities included in the planning runs available inventory quantity.
- Ability to handle sub-lot (containers) for a lot. This will be the ability to enter containers on the bin selection form.
- The ability to designate a Vendor Lot number and an Expiration Date for a lot.
- Track serial numbers to the bin level.
- Inspection required settings for purchase receipts and production receipts.
- Lot inventory policies of FIFO, FEFO, and LIFO.
- Storage conditions for bins and items.
- Lot receipt warnings for older lots and duplicate lots.
- Lot label options will be displayed when transactions are performed for Lot tracked items.
- Filters for expired lots for issue transactions.
- To handle the new item options, a new Item Master Data Details has been created.
Routings:

This functionality provides the ability to add a routing to an Item that will be utilized by Batches and the planning functionality. Routings allow the user to define a specific sequence of work centers that are utilized in the manufacturing process. These work centers will track estimated and actual manufacturing times and costs. The system will provide a new transaction called Labor Transaction to facilitate the entry of labor and machine hours as well as completed quantities. There will also be several setup maintenance forms for machines, work centers, shifts, and employees.

Features and Enhancements

- Work Center maintenance form
- Shift Master maintenance form
- The BOM Entry form will have a new tab for setting a routing for a BOM. The Status of the routing will be determined by the status of the BOM.
- The Batch Ticket form will have a new tab routing to managing the item routings.
- Labor/machine transactions to allow users to record time and completed quantities against a batch.
- Scheduling logic
- Authorizations
- WC Capacity reports
- Employee Schedule Generation
- Employee weekly schedule
- Dispatch Report
- Work Center scheduling board

Screen Shots:

![Work Center Setup Form](image-url)
Data Collection:

This application is a distinct product that will have its own install, licensing, and implementation. The initial release of the application will only support BatchMaster Manufacturing for SAP Business One environments. In this release, the BatchMaster Manufacturing set of inventory and labor transactions are supported. The system performs transactions in real time. The application is designed to run within a browser to support the widest range of platforms possible.

Features and Enhancements

- Performs the inventory transactions supported by BatchMaster Manufacturing for SAP Business One.
- **Browser Based.**
- Performs BatchMaster Manufacturing labor transactions.
- **Real time** integration.
- Ability to print labels for any transaction.
- The product utilizes both the BatchMaster Manufacturing API and the SAP Business One DI API for integration.
- The product is designed to allow for ease of use via **barcodes**.
- Administration functions for managing which transactions and databases users have access to, as well as system defaults.
- A message bar exists at the bottom of each page to display errors, warnings, or success messages. Errors will display in red, warnings in blue and success in green.
- Lot Quantity validation.
- Serial Number quantity validation.
Expanded Item Master:

This functionality consolidates the functionality that has been built into the SAP Business One Item Master Data form.

Features and Enhancements

- Add menu item to SAP Business One Inventory menu to access BatchMaster Manufacturing Item Master Detail form.
- Create new database table to store Item Master Detail information.
- Tabs for General, Inventory, Unit of Measure Conversions, and Lot Options will exist.
- Button for USDA Mapping.

Screen Shot: