

ABM MODULE: MANUFACTURING


OVERVIEW

ABM's Manufacturing management system is a powerful software suite designed to simplify the process of planning and managing production processes. Integrating accounting, production, ordering, and inventory management, the system can control all aspects of the production and involved accounting process. Because of its Microsoft ® Office integration the system provides all of this functionality via an intuitive, user friendly interface.

The system is the result of many years experience with a wide range of manufacturing businesses. It is built on up to date technology and is being continually enhanced to keep in step with a rapidly changing business environment. Because ABM's manufacturing system is easy to learn, cost effective and flexible, it quickly becomes an essential part of business's growth strategy.

BENEFITS

- » Provides effective process management
- » Reduces time and materials wastage
- » Manages inventory stocks efficiently
- » Enables production flexibility
- » Improves speed and accuracy of quotes
- » Improves planning efficiency
- » Provides single-entry accounting workflow
- » Generates comprehensive reports



"Stainless Design Ltd is a leading manufacturer of all products steel related; we have been operating since 1988 and have a known reputation for quality and unbeatable customer satisfaction. When choosing a manufacturing system, we needed full integration with our accounting system (Advanced Business Manager) and our Bill of Materials to be easily customised to speed our service delivery for our customers. The Manufacturing Management System was the logical choice for offering us a flexible solution to address these issues. Not only has it significantly simplified our production process, but its ability to quickly forecast materials has given us a real competitive advantage in our industry."

*John Cook
Managing Director
Stainless Design Limited*



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SYSTEM WIDE FEATURES

ACCOUNTING SYSTEM INTEGRATION

Seamless integration with the ABM accounting system combines accounting, production, ordering and inventory management. Reduce double-entry of information with automatic transaction posts into the accounting system.

SIMPLE AND FAMILIAR INTERFACES

Menus and navigation are designed to be simple and fast. By using familiar Microsoft Office style menus, toolbars, and handy "hot keys", a user-friendly environment is created for all.

MANUFACTURING FEATURES

BILL OF MATERIALS (BOM)

The manufacturing module makes the task of maintaining detailed bills of components, including sub-assemblies, labour and overheads, for a product easy. BOMs can be manually created within the module or imported from external data files. BOMs can be created, maintained and deleted, and multiple user-definable versions are able to be produced. Maximum and minimum production limits can be set, and different costing methods are available for different BOMs.

EXTENDED PRODUCTION

Extends the production facilities in the standard BOM module to allow management of work in progress. Detailed costs can be entered against a production run as required and all production costs are posted against work in progress accounts until they are either returned to stock or the finished product is receipted to stock. Work in progress postings are available by BOM, production and components.

PRODUCTION QUOTATION

Users can customise BOM details in response to particular client requirements and then provide a quotation to a client based on the anticipated costs of the customised bill of manufacturing. Once the quotation has been accepted by the client, it can be converted to planned production runs and a sales order can be raised automatically, demonstrating the convenience in accounting system integration.

SUPPLY ANALYSIS, FORECASTING AND MATERIALS PLANNING

Simplify and speed up the process of purchasing by analysing component demand and taking into account lead times for an inventory item. Manage your inventory levels based on current and planned production runs, forecast models, sales movements and purchase movements. One or more production runs may be analysed for shortages and requirements, and recommend purchasing, building or reserving components. The module can then interact with the purchasing process in the accounting system to the extent that deliveries may be automatically issued to the appropriate production run. Users are also able to enter anticipated demand for products into forecasts which interact with BOMs, allowing easy updates to the model for BOM changes.

CAPACITY PLANNING

Through a visual presentation of production schedules and capacity loads, efficient management of production runs can be achieved. Setup availabilities and output potential for work centres, then link production stages to work centres depending on the stage duration and time available. Work centres can be graphed to illustrate usage, which allows users to manage workloads effectively to minimise maintenance and breakdowns. Setting up and monitoring the manufacturing capacity of a plant can produce vital feedback to management in regard to necessary expansion or inefficiencies. quotations and other production runs to produce recommendations for required work orders.

PLEASE ENQUIRE WITH YOUR SOLUTION PROVIDER FOR A COMPREHENSIVE BROCHURE FOR FURTHER DETAIL ON ABM'S MANUFACTURING SYSTEM.

DATABASE

Microsoft SQL Server/MSDE database engine is used for reliability and performance with added security to your company's data.

REPORTING

Extensive reporting functionality is provided as a powerful analytical tool for planning, managing and much more.

OTHER BOM FEATURES INCLUDE:

- » Unlimited alternative production possibilities
- » Detailed information per component
- » Recorded component wastage
- » "After-the-fact" recording of production
- » Cost comparison and shortage reporting
- » Multi-location inventory and serial number/batch number tracking
- » Production previews
- » Integrated scheduler for workflow management
- » Customisable BOMs at production time

DEMAND ANALYSIS

Open sales orders, production runs, stock shortages and minimum stock levels can all produce demand. A work order/production run is created to manage the production of finished products from components based on actual or anticipated demand for the product. Analyse product requirements by examining sales quotations, orders, deliveries, invoices, job quotations and other production runs to produce recommendations for required work orders.

JOB ENTRY AND BULK ISSUES

The job entry functionality provides a flexible interface for users who need to enter transactions against multiple production runs. The bulk issues functionality automates the issuing of components to production runs on a bulk basis. It recommends components based on a production run "issue" quantity, set according to actual requirements.



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