



BILL OF MATERIAL/ROUTING

A MULTI-LEVEL BILL OF MATERIAL (BOM)/ROUTING THAT PRESENTS BOTH ENGINEERING AND FINANCIAL VIEWS OF THE PRODUCT STRUCTURE AND EFFICIENTLY PLANS AND MANAGES YOUR INVENTORIES, COSTS, AND MANUFACTURING PROCESSES

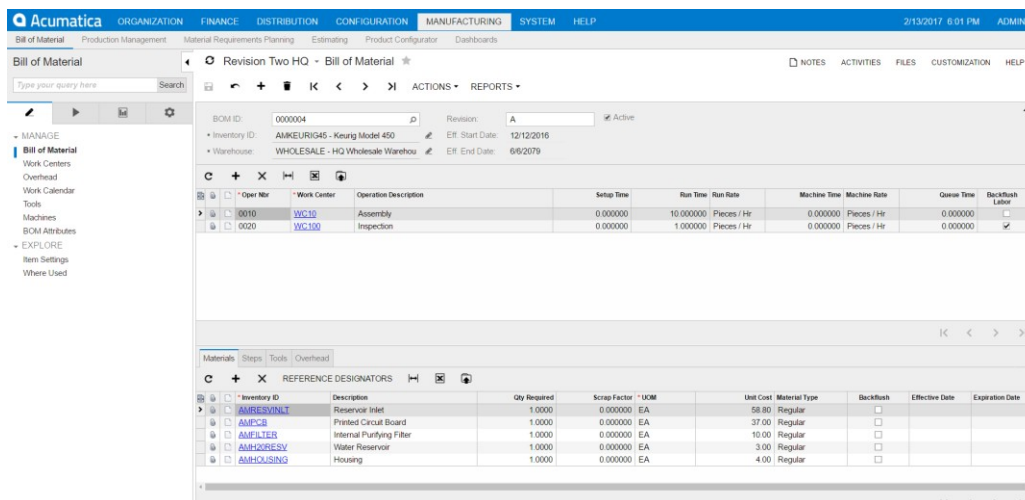
At the core of JAAS Advanced Manufacturing Software (JAMS) is the BOM/ Routing module. This module not only creates production specifications, but also serves as the framework for the planning functionality in all JAMS modules. You can perform all maintenance of BOM/Routing information through a single screen.

INTEGRATED BOM/ROUTING

- Lets you directly connect materials, work instructions, attributes, and overhead costs to an operation.
- Allows for the time-phased release of materials.

MULTI-LEVEL BOM/ROUTING

- Lists the components required to produce an item, as well as any sub-assemblies and their components.
- Provides both an engineering and a costed view of the entire product structure.



The screenshot displays the Acumatica software interface for the Bill of Material (BOM) and Routing. The top navigation bar includes tabs for ORGANIZATION, FINANCE, DISTRIBUTION, CONFIGURATION, MANUFACTURING, SYSTEM, and HELP. The main window shows the BOM ID 000004 and Revision Two HQ - Bill of Material. Below this, there are two tables: one for Operations and one for Materials.

Oper Nbr	Work Center	Operation Description	Setup Time	Run Time	Run Rate	Machine Time	Machine Rate	Queue Time	Backflush Labor
0010	WC10	Assembly	0.000000	10.000000	Pieces / Hr	0.000000	Pieces / Hr	0.000000	
0020	WC100	Inspection	0.000000	1.000000	Pieces / Hr	0.000000	Pieces / Hr	0.000000	<input checked="" type="checkbox"/>

Inventory ID	Description	Qty Required	Scrap Factor	UOM	Unit Cost	Material Type	Backflush	Effective Date	Expiration Date
AMRESWNT	Reservoir Inlet	1.0000	0.000000	EA	59.80	Regular	<input type="checkbox"/>		
AMCSB	Printed Circuit Board	1.0000	0.000000	EA	37.00	Regular	<input type="checkbox"/>		
AMFILTER	Internal Purifying Filter	1.0000	0.000000	EA	10.00	Regular	<input type="checkbox"/>		
AMHRESV	Water Reservoir	1.0000	0.000000	EA	3.00	Regular	<input type="checkbox"/>		
AMHOUSING	Housing	1.0000	0.000000	EA	4.00	Regular	<input type="checkbox"/>		

Get engineering and financial views of your entire product structure

KEY BENEFITS

COORDINATE ACTIVITIES

- Manage your entire business with complete real-time information on your operations
- Coordinate labor, machines, and inventory, and optimize them for your company's processes

STAY ON ONE PLATFORM AS YOU GROW

- Adapt the software to meet your changing needs
- Leverage powerful features and functions for multiple production environments

GAIN TOTAL CONTROL OF REVISIONS

- Maintain a complete revision history of your BOM and routing
- View multiple revisions, both past and future
- Identify the reasons for each revision

SUPPORT ALL YOUR COSTING METHODS

- Allow for multiple costing methods: average, standard, and actual
- Add tooling costs and overhead costs, both fixed and variable



BILL OF MATERIAL/ROUTING FEATURES AND CAPABILITIES

Effectivity/ Expiration Dates

Enhances your planning and execution activities by letting you enter dates on which a material will become available or no longer available for use.

Production Steps

Provides detailed work instructions that describe the specific work that needs to be performed at each operation. Through the steps and standard note capability, you can document the entire process.

Where Used

Allows for components on bills of material to be displayed where they are used, on a single-level or multi-level basis.

Phantoms

Allows you to enter phantom items into the BOM. These items show up on the BOM, but disappear when the production order is created. Changes to phantom items, made at the BOM level, are carried throughout the system.

Reference Designators

Provides identifiers that relate to individual material lines on a BOM and can reflect multiple reference points on a drawing. This eliminates the need to create multiple lines for an item in the BOM.

Multi-Site

Enables you to support multiple sites and have different or alternate BOM/ Routing for each different site.

BOM Cost Roll

Gives you a flexible cost roll for a single-level or multi-level BOM. Costs of the lower-level items will “roll” into the costs of the higher-level items.

Flexible Copy BOM

Enables you to copy a complete BOM/ Routing to a new BOM/ Routing. You can use the copy as an alternate BOM/ Routing for the same inventory item, or to create a different, yet similar, inventory item.

Mass Change

Lets you replace a component with a different component on individual or all bills of material.

Attributes

Displays optional or required values when reporting production. These are available on the BOM header or operations. You can copy them onto a production order when the order is created.

THE ACUMATICA ERP DIFFERENCE

Acumatica delivers a full suite of integrated business management applications unlike any other ERP solution on the market today.

STREAMLINE OPERATIONS

Manage your business more efficiently:

- Automate processes
- Control workflows
- Access the system from anywhere on any device—including mobile
- Promote collaboration with all-inclusive user licensing

ADAPTABLE SOLUTION

Add and extend:

- Deploy in-house or in a private or public cloud
- Easily configure your solution to fit your needs
- Add capabilities such as CRM or data visualization at any time
- Extend to other solutions and applications beyond ERP

YOUR BUSINESS ACCELERATED

Get a single version of the truth:

- Accelerate business performance and make smarter decisions with automated processes, real-time data collection, financial analyses, and forecasting
- No per user pricing – system scales as your business grows