

Create, Maintain, and Control Master Data Definitions of Products and Processes with One Screen

The Bill of Material (BOM)/Routing module, part of the Acumatica Manufacturing Edition, creates production specifications and is the framework for the planning functionality in all Acumatica Manufacturing Edition modules. Maintenance of the BOM/Routing information is performed through a single screen.

INTEGRATED BOM/ROUTING

- Directly connect materials, work instructions, attributes, and overhead costs to an operation.
- Allow for the time-phased release of materials.

MULTILEVEL BOM/ROUTING

- List the components required to produce an item, as well as any sub-assemblies and their components.
- Provide both an engineering and a costed view of the 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

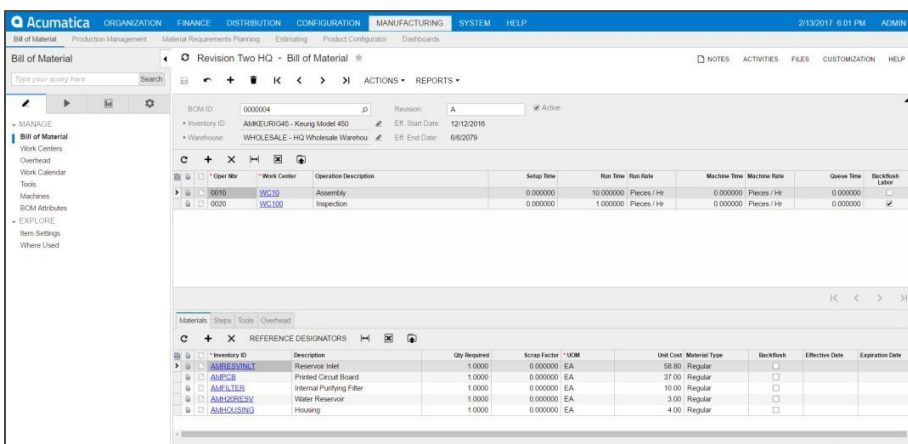
- Maintain a complete revision history of your BOM/Routing
- View multiple revisions, both past and future
- Identify the reasons for each revision
- Group change requests for approval

SUPPORT ALL YOUR COSTING METHODS

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

ACUMATICA CERTIFIED PARTNER

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The screenshot displays the Acumatica software interface for the Bill of Material (BOM) module. The main window shows a BOM for 'Revision Two HQ - Bill of Material' with a BOM ID of 000004. It lists components such as 'Printed Circuit Board', 'Internal Purifying Filter', 'Water Reserve', and 'Housing'. Below this, a 'REFERENCE DESIGNATORS' table is visible, listing items with their descriptions, quantities, and unit costs.

| Inventory ID | Description | Qty Required | Scrap Factor | UOM | Unit Cost | Material Type | BackBck | Effective Date | Expiration Date |
|--------------|---------------------------|--------------|--------------|-----|-----------|---------------|--------------------------|----------------|-----------------|
| AMRESVOLT | Reserve Volt | 1.0000 | 0.000000 | EA | 58.80 | Regular | <input type="checkbox"/> | | |
| AMPCEB | Printed Circuit Board | 1.0000 | 0.000000 | EA | 37.00 | Regular | <input type="checkbox"/> | | |
| AMFALTB | Internal Purifying Filter | 1.0000 | 0.000000 | EA | 10.00 | Regular | <input type="checkbox"/> | | |
| AMRESVSY | Water Reserve | 1.0000 | 0.000000 | EA | 3.00 | Regular | <input type="checkbox"/> | | |
| AMHOUSNG | Housing | 1.0000 | 0.000000 | EA | 4.00 | Regular | <input type="checkbox"/> | | |

Get engineering and financial views of your entire product structure

BILL OF MATERIAL/ROUTING FEATURES AND CAPABILITIES

| | |
|-------------------------------------|--|
| Effectivity/Expiration Dates | Control material planning and usage according to effectivity dates for phase-in and phase-out of content changes. |
| Production Steps | Document the entire process using detailed work instructions and standard note capability for each process step. |
| 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 | Use phantom items to simplify structure maintenance for related groups of parts and materials to multiple products. If you create a planning bill of material, your planning and production teams can “skip over” phantoms to plan and allocate components. |
| Reference Designators | Relate BOM component parts to the drawing’s part numbers to avoid confusion and duplicate entry in the bill of material. |
| Multiple Sites | Enables the support of multiple sites and have different or alternate BOM/Routing for each different site. |
| BOM Cost Roll | Use flexible cost roll for a single-level or multi-level BOM, by item or site. Costs of the lower-level item will “roll” into the costs of the higher-level items. In a standard cost operation, costs will update the pending standard cost for each item in inventory. |
| Flexible Copy BOM | Copy an existing BOM/routing to a different item as an alternate BOM/routing or for easy setup for a new, similar item. |
| Mass Change | Allows for the replacement of a component with a different component on individual or all Bills of Material. |
| Attributes | Used to display optional or required values when reporting production. These are available on the bill of material header and/or operations and can be copied onto a Production Order when the order is created. |
| Revision Control | Maintain a complete revision history of BOM/routing. Save and view multiple revisions – past, present, and future – as well as the reason for the revision. |

ABOUT ACUMATICA

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