



🗅 Acumatica	Search Q		Revision Two Products Products Wholesale	2/23/2023 V (2)	🔔 admin admin 🗸
🟠 Favorites	Visual BOM		NOTES ACTIVITIES	FILES NOTIFICATIONS O	USTOMIZATION TOOLS
Bills of Material	∞ K < > > N …				
💥 Material Requirem	G the BOM000004 - A (MGRESVINLT) ⊕ the 0010 - WC10, Assembly ↓ → the MGBASE - Bave Unit	BOM ID. Revision:	BCM600004 P A - Assemble reservoir infet		^
Product Configurator	G-Gr 0010 - WC40, Cutting - Gr MGSHEET10 - Sheet Metal 10 Gauge	Status: Description:	Active Assemble reservoir inlet		
Time and Expenses	MOBLACKDYE - Black Dye DI20 - WC70, Form	Inventory ID: Warehouse	MORESVINLT - Reservoir Intel WHOLESALE - Wholesale Warehouse	/	
linventory	MGFHSCREW - Flat Head Strew m0000 - WC100, Inspection	Start Date:	8/11/2020 End Date:		~
Sales Orders	Ex MGPUMP - Pump Ex MGPUMP - Pump Ex MGWREHVRN - Whe Hamess ex model - WC30, Final Assembly Ex MGPHSCREW - Flat Hand Some	BOM ID. Revision:	BCM000002 A - Build Base Unit		
Purchases		Status:	Active		
Direction Orders		Inventory ID: Warehouse: Start Date:	M3BASE - Base Link WHOLESALE - Wholesale Warehouse 8/11/2020 End Date:	/	
Estimating		Description:	Build Base Unit		
Dashboards			STEPS TOOLS OVERHEAD		
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Bill of Material and Routing

Inaccurate bills of material and routing definitions disrupt production schedules, create cost variances, and wreak havoc on material plans. Connect materials, work instructions, and overhead costs to an operation to accommodate the time-phased release of materials.

- Effective/Expiration Dates
- Phantom Bills of Material
- BOM Cost Rollup
- Multi-Level Visual BOM

Key business benefits

- Maintain a complete revision history of your BOM/Routing.
- View multiple revisions, both past and future.
- Identify revision reasons.
- Group change requests for approval.
- Allow for multiple costing methods, including average, standard, and actual costs.
- Add tooling costs and overhead costs, both fixed and variable.

Related resources

- Prepare for the Factory of the Future > LEARN MORE
- Multi-Modal Manufacturing with Acumatica > LEARN MORE
- Schedule a Personalized Demo
 > LEARN MORE

Create, Maintain, and Control Bill of Material and Labor Definitions for Products and Production Processes

The Bill of Material (BOM) and Routing application, part of the Acumatica Manufacturing Edition, creates production specifications forming the framework for planning functionality in all Acumatica Manufacturing Edition applications. Maintenance of the BOM and Routing information is performed through a single screen. Revision control is available with the optional Engineering Change Control application or Acumatica for Arena Native Connector to enforce change management business processes and approvals for engineering revisions.

Acumatica uses an integrated bill of material and routing where defined steps in the production process include both material and labor operations. This structure is common in most modern ERP applications.

INTEGRATED BOM AND ROUTING

- Directly connect materials, work instructions, attributes, and overhead costs with manufacturing labor operations.
- Allow for the time-phased release of materials.

MULTILEVEL BOM AND ROUTING

- List the components required to produce an item and any sub-assemblies with their components.
- Provide an engineering and a costed view of the entire product structure.

"The fact that we can build out detailed BOMs and have good information about product costing is a big benefit and something that we really struggled with before."

Effectivity and 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 components to be displayed where they are used on a single or multi-level bill of material.

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

Manage multiple sites with different or alternate BOM/Routing definitions for each location.

BOM Cost Roll

Use flexible cost roll activities for a single or multi-level BOM, by item or site. Costs for the lower-level item "roll" into costs for top-level items. In a standard cost operation, the cost roll updates the pending standard cost for each item in inventory.

Flexible Copy BOM

Copy existing BOM/routing definitions to create alternate BOM/routings or new items.

Mass Change

Replace a component with a different component on individual or all bills of material.

Attributes

Display optional or required values when reporting production. Attributes are available on the bill of material header and operations and can be copied to 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 – and the reason for the revision.

Visual BOM

Manage multi-level bills of material with the Visual BOM editor to identify components at each level in the BOM. The Visual BOM editor provides access to every component and details within a single screen making it easy to edit details.

Optional Engineering Change Control

BOM revisions may be restricted when companies use the optional Acumatica Engineering Change Control application to enforce change control processes and approvals for bill of material and routing changes.

Engineering BOM Synchronization

New part bill of materials and revisions to existing bills of material may be synchronized with the optional Acumatica for Arena Native Connector application. CAD connectors are also available from the marketplace to harmonize bill of material details between Acumatica and third-party product design applications.

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A Pavorites	Where Used in BOM			CUSTOMIZATION TOO	ns -
Bills of Material	<i>n</i>				
W Material Regulrem	Inventory ID: FRAMEHEAD - Frame - Heax P 2 Watehouse:	P 0 P 0			^
Product Configurator	Ó REFRESH I⊷IADJUST IX EXPORT				
Time and Expenses	B 0 C *Investory ID Leve Parent Investory BOM ID Gry Required ID	*UOM Item Class	Is stock Source Ware	ouse Description Parent Desc.	
A	D FRAMEHEAD 1 WOWFRAME BOMOD 1.00		R	Frame - Head Window Frame - 2	
S Inventory	6 D ERANDIEAD 1 WOWERAME2 DOMON 2.00	EA MEGPUR	2	Frame - Head Window Frame - 4	10
Sales Orders	0 D FRAMEHEAD 1 WOWFRAME2 BOMODE 2.00	EA MECPUR	2	Frame - Head Window Frame - 4	18
Purchases					
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Manage bills of material efficiently with the where-used inquiry.

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About Milestone Information Solutions

Milestone IS has been helping companies implement enterprise resource planning (ERP) systems to improve business processes and profitability for over 30 years. By combining our unique accounting expertise, dedication to customized support, and attention to detail, we are able to help businesses maximize their ERP systems and get the most out of their investments.

To learn more about how Milestone and Acumatica can streamline your business, visit www.milestoneis.com.