

Configure to Order Manufactured Products, BOMs, and Prices

Create unique manufactured parts with bill of materials and routings using the rules-based Product Configurator. Flexible configuration rules calculate components and pricing.

Rules-based product configurators use pre-defined attributes, features, and options to create custom-manufactured parts using dependency rules and user-defined formulas. The Product Configurator is available from Sales Order Entry and CRM Opportunities.

Each configuration can be identified with a unique configuration key. The key contains the parameters selected for the configuration. The key can be referenced to generate new configurations to use as templates to create similar manufactured products.

Configuration rules provide flexible definitions for costing and pricing using base definitions with mark-up amounts or percentages for each feature and option selected.

The Product Configurator supports dependency rules across features and options where selecting one option in a feature set can restrict or require options in other feature sets. For example, a particular door style choice in the door feature set can require a specific jamb type in another feature set, or it can restrict the list of available hardware options in another feature set.

Create production orders from sales order entry for newly configured parts. Tailor quotes and orders to include configuration details on printed forms and reports.

KEY BENEFITS

FAST ORDER CONFIGURATION

- Create a new configured order by merely copying or modifying an existing configured order or quote
- Create new item configurations using configuration entry to select attributes and feature options.

GAIN CONTROL OVER REVISIONS

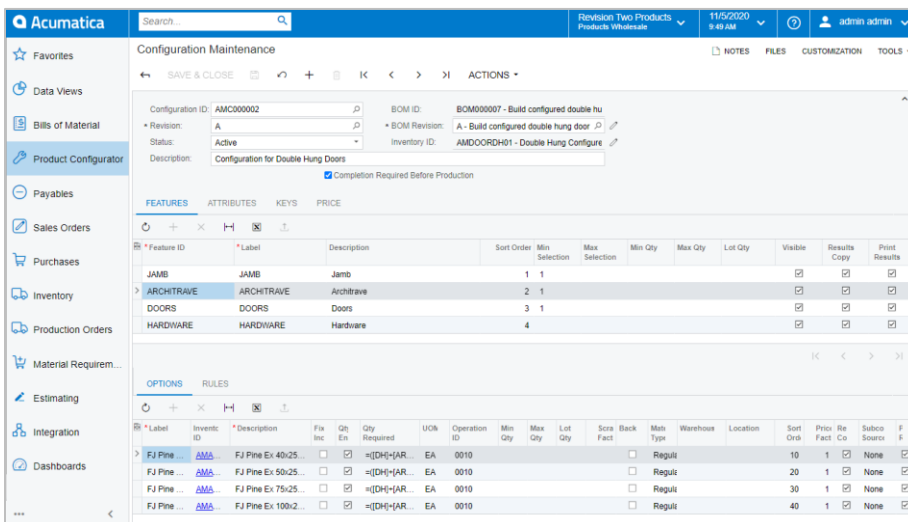
- Make multiple revisions of the same configuration while maintaining a history of the revisions.
- Use flexible rules to ensure the manufacturability of every unique configuration.

DETERMINE PRICES WITH EASE

- Calculate prices for items with roll-ups from the configured bill of material with mark-ups by option.
- Create formulas to calculate material component quantities and pricing.



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The screenshot shows the Acumatica Product Configurator interface. The main window displays configuration details for 'Configuration for Double Hung Doors'. It includes fields for Configuration ID (AMC000002), BOM ID (BOM000007), Revision (A), and BOM Revision (A). The description is 'Configuration for Double Hung Doors'. Below this, there are tabs for FEATURES, ATTRIBUTES, KEYS, and PRICE. The FEATURES tab is active, showing a table with columns: Feature ID, Label, Description, Sort Order, Min Selection, Max Selection, Min Qty, Max Qty, Lot Qty, Visible, Results Copy, and Print Results. The table lists features: JAMB, ARCHTRAVE, DOORS, and HARDWARE. Below the features, there are tabs for OPTIONS and RULES. The OPTIONS tab is active, showing a table with columns: Label, Invent ID, Description, Fix Inv, Qty, Qty Required, UoM, Operation ID, Min Qty, Max Qty, Lot Qty, Sort Fact, Back, Mats Type, Warehouse, Location, Sort Deb, Prior Re Co, Subco Source, and P F. The table lists options for 'FJ Pine' with various descriptions and formulas.

Define features with variable options and attributes. Use formulas to calculate required quantities, bill of material components, and other values for production, and pricing.

PRODUCT CONFIGURATOR FEATURES AND CAPABILITIES

Configure to Order

Configure any item using predetermined features and options. The results of the configuration carry forward to a production order.

Dimensional Capability

Use multiple dimensional calculations and formulas to calculate the material requirements for the specific components of configuration.

Order History and Look Up

Quickly look up a customer's previous configuration to create a new order or make adjustments from the prior configuration.

Formula Validation

Validate formula calculations based on a minimum or maximum attribute value or the quantities chosen for selected features and options.

Non-Stock Items

Include non-stock items with stock items in configurations.

CRM Opportunities

Create configured items for sales opportunities in CRM.

The screenshot displays the Acumatica Product Configurator interface. The top navigation bar includes the Acumatica logo, a search bar, and user information (Revision Two Products, Products Wholesale, 11/5/2020 9:46 AM, admin admin). The left sidebar contains navigation options: Favorites, Data Views, Bills of Material, Product Configurator, Payables, Sales Orders (highlighted), Purchases, Inventory, Production Orders, Material Requirement..., Estimating, and Integration. The main window shows a 'Configuration Entry' for 'FJ Pine Ex 75x25 Profiled Architrave'. The configuration tree on the left includes JAMB, FJ Pine 40x10 19 Single, ARCHITRAVE, DOORS, Horizon SQ10 1980 x 76, and HARDWARE. The main configuration area shows 'Inventory ID: AMDOORDH01 - Double Hung C', 'Currency: USD 1.00', and 'Price: 26.3000'. Below this, there are sections for 'ATTRIBUTES' and 'OPTIONS'. The 'FEATURE' section shows 'Min/Max Selection: 1 / None' and 'Min/Lot/Max Qty: None / None / None'. The 'SELECTED OPTION' section shows 'Min/Lot/Max Qty: None / None / None' and 'Total Qty: 0.00'. A table below lists the included items:

Included	Label	Description	Qty	UOM
<input type="checkbox"/>	FJ Pine Ex 40x25 Profiled	FJ Pine Ex 40x25 Profiled Architrave	302.00	EA
<input type="checkbox"/>	FJ Pine Ex 50x25 Profiled	FJ Pine Ex 50x25 Profiled Architrave	302.00	EA
<input checked="" type="checkbox"/>	FJ Pine Ex 75x25 Profiled	FJ Pine Ex 75x25 Profiled Architrave	302.00	EA
<input type="checkbox"/>	FJ Pine Ex 100x25 Profiled	FJ Pine Ex 100x25 Profiled Architrave	302.00	EA

At the bottom, it shows 'On Hand 0.00 EA, Available 0.00 EA, Available for Shipping 0.00 EA, Allocated 0.00 EA'.

ABOUT ACUMATICA

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