

## 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

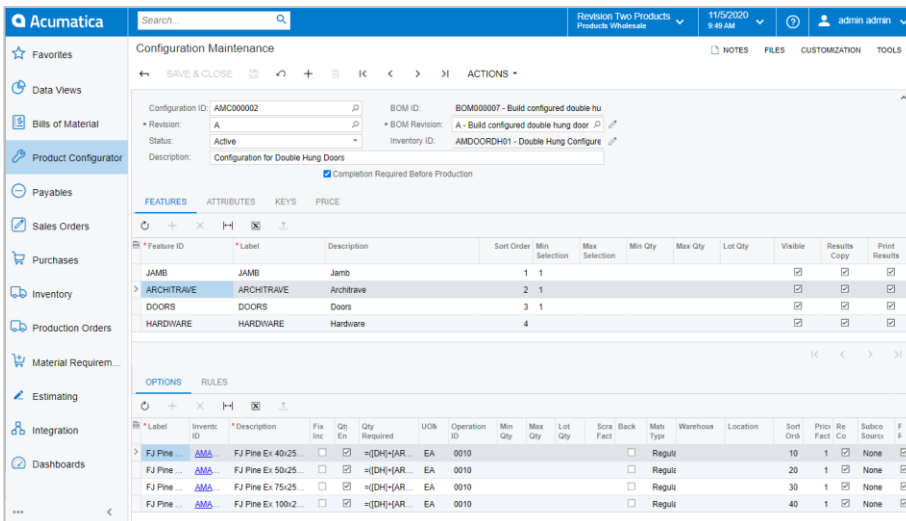
- Create a new configured order by merely copying or modifying an existing configured order or quote
- Create new item configurations using configuration entry to select attributes and feature options.

#### 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.



The screenshot shows the 'Configuration Maintenance' window in Acumatica. The configuration is for 'Configuration for Double Hung Doors' (Configuration ID: AMC000002). It lists features like JAMB, ARCHITRAVE, DOORS, and HARDWARE. Below the features, there are options for 'FJ Pine' with various dimensions and quantities. The interface includes tabs for FEATURES, ATTRIBUTES, KEYS, and PRICE, and a table for OPTIONS with columns for Label, Inventory ID, Description, Fix Inc, Qty, Qty Required, UOM, Operation ID, Min Qty, Max Qty, Lot Qty, Sort Fact, Mkt Type, Warehouse, Location, Sort Ord, Price Fact, Re Co, Subco Source, and F F.

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

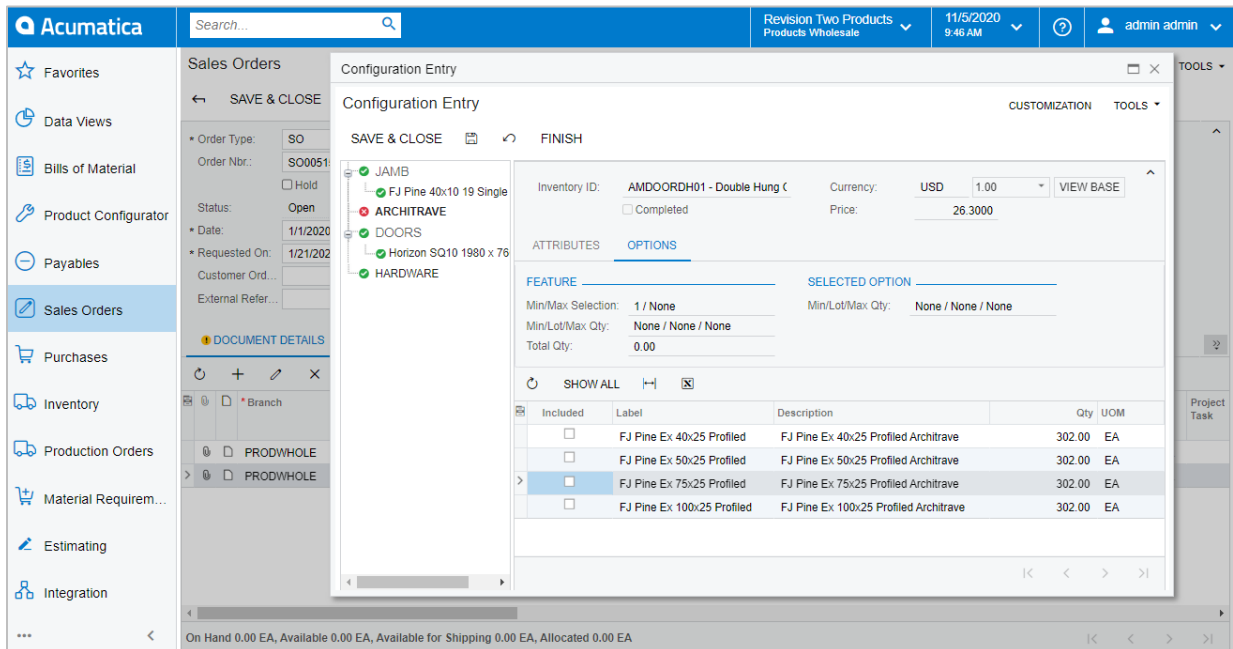
Validate formula calculations based on a minimum or maximum attribute value or the quantities chosen for selected features and options.

### 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 (admin admin). The left sidebar shows a list of modules: Favorites, Data Views, Bills of Material, Product Configurator, Payables, Sales Orders (highlighted), Purchases, Inventory, Production Orders, Material Requirement Planning, Estimating, and Integration.

The main window is titled 'Configuration Entry' and shows a configuration for 'JAMB'. The configuration details include:

- Order Type: SO
- Order Nbr.: SO0051
- Status: Open
- Date: 1/1/2020
- Requested On: 1/21/2020
- Customer Ord.:
- External Refer.:

The configuration entry shows a list of items with their attributes and options. The 'JAMB' item is selected, and its options are displayed. The 'Included' section shows a table of items:

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

The bottom status bar shows: On Hand 0.00 EA, Available 0.00 EA, Available for Shipping 0.00 EA, Allocated 0.00 EA.

## ABOUT ACUMATICA

Acumatica Cloud ERP provides the best business management solution for digitally resilient companies. Built for mobile and telework scenarios and easily integrated with the collaboration tools of your choice, Acumatica delivers flexibility, efficiency, and continuity of operations to growing small and midmarket organizations. **Business Resilience. Delivered.**

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