FEATURE SUMMARY

Bill of Materials

for Sage 100cloud

The Bill of Materials module for Sage 100cloud allows you to easily create and maintain a detailed bill of the components and miscellaneous charges that make up your finished items and subassembly components. You can produce accurate and informative reports detailing bill structures, component requirements, and production history.

The Bill of Materials module is designed to accommodate the after-the-fact recording of production. As the production of each finished product is recorded, the component items used are automatically relieved from inventory, and the finished products are automatically received into inventory. Disassembly of finished items can also be recorded. During Disassembly Entry and Production Entry, components may be added, deleted, or modified.

Products sold in a variety of configurations are accommodated by a unique Bill Options feature. Using this feature, components to be added to or subtracted from the base bill may be specified for each option.

Benefits

- Save time and streamline workflow using drill-down Where-Used inquiry

- At-a-glance view of entire bill, including subassemblies and components relationships

- Track revisions and ensure most recent bill is used

- Expand and collapse views to more accurately identify desired information edit

- Utilize up to 99 levels of subassemblies for each bill

- Personalize views to gain instant access to detailed information

- Track costs accurately using flexible cost roll-up reports

- Easily integrate Sales kits

- Accommodate and track yield and scrap
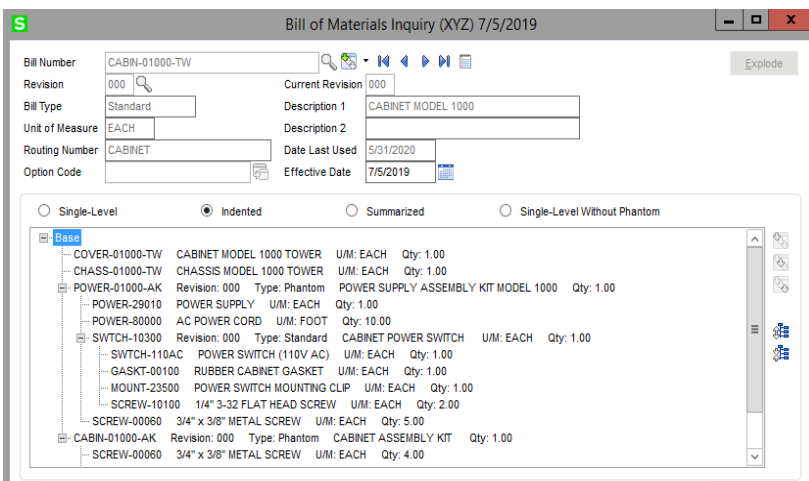
When the Sales Order module is integrated, you can select Bill Options during Sales Order Entry and Invoice Data Entry.

Engineering Change Control and unlimited revision capabilities are key features of the Bill of Materials module. The Engineering Change Control feature facilitates the recording of bill structure changes, which improves product quality and production efficiency. A detailed record of engineering changes and bill revisions may be retained indefinitely, providing a complete history of the evolution of your products.

Features

Bill Revisions	Different versions of a bill can be maintained simultaneously. This feature is useful if you change the configuration of your product but still need to refer to the old configurations.
Bill Options	Up to nine categories of options can be defined for each bill. Each option category can have an unlimited number of valid choices, with separate cost associated with each one. Maximize your profits using Bill of Materials in conjunction with Sales Order Entry to provide you with a powerful tool to track accurate costs for each option so you can price accordingly.
Up to 99 Levels	One bill can contain up to 99 levels. You can obtain a comprehensive overview of the entire bill structure from the Indented Bill of Materials Report.
Phantom Bills	Components grouped together for manufacturing purposes but never built for stock can be defined as phantom bills. You can print reports with phantom bills, or you can blow through phantom bills by printing only their components.
Sales Kit Processing	Sales kits are single-level assemblies not normally stocked together but grouped as a unit when a sale is made. Kit components can be added or deleted during Sales Order Entry. At your preference, component detail can be printed on sales orders and picking sheets.
Yield and Scrap Accommodation	Built-in yield and scrap accommodation provides accurate forecasting of material requirements, as well as final output. Both yield and scrap calculations can be used within a single bill.
Production Entry	Record manufactured products into inventory while simultaneously relieving component materials. During the entry process, bills are automatically exploded into component detail lines. You can add, delete, or change component items and override standard quantities and warehouse for each component. Miscellaneous charges and comments can also be entered.
Disassembly Entry	Record the disassembly of manufactured products into inventory and return component materials to stock.
Engineering Change Control	Planned changes to the bill structure can be recorded in advance. You can add or delete multiple components from a bill using the engineering change process. You can also specify an effective date when printing reports to include engineering changes up to that date.
Miscellaneous Charges	Bills can include nonmaterial charges such as labor and overhead costs. Actual units and costs associated with miscellaneous charges can be entered during production entry to reflect actual costs incurred.
Cost Roll-Up Register	The cost of each bill can be calculated based upon the cost of each component and miscellaneous charge, and upon any yield and scrap percentages. The component costs can be calculated using the average, last, or standard cost method.
Production Management Integration	When integrated with the Work Order module, bill of material components can be automatically merged into a work order. The Work Order module provides a complete work-in-process manufacturing system for companies that require more comprehensive control of their manufacturing process.
MRP Module Integration	The Bill of Materials module provides bill detail that is used by the Material Requirements Planning (MRP) module. The MRP module provides information to the purchasing and production departments so that they can maintain sufficient amounts of materials on hand at all times.
Bar Code Printing	Production labels and picking sheets can be customized to print bar codes to speed workflow through your plant. Production bar-code labels can also be printed to ensure goods are accurately tracked from the moment they enter your inventory.