

INFIMACS II® Data Sheet

Integrated Financial and Manufacturing Control System

Model Configurator

SUMMARY

The Model Configurator enhances the capabilities of the INFIMACS II Sales Order Management module for those companies that offer various options and features in their products. It is applicable to those manufacturers that either assemble to order or configure to order from finished goods inventory.

Without a model configurator capability at customer order entry, a single model could result in hundreds (or thousands) of configurations. Using normal engineering bills of materials to define each configuration might prove to be impractical as far as the number of bills required. To avoid this proliferation of BOMs, INFIMACS II uses a special database to define a set of common components and a list of options for each model. Engineering bills are required only for the components and sub-assemblies used as options or features.

In INFIMACS II a model is a product which is available with various “features and options”. During order entry, the operator can select from a list of options to create a unique version of the product for each sales order line item. Each set of options is grouped under a selection title. This title is the prompt which indicates the option to be selected. The operator will choose a single option for each title (except for Accessories, which allow multiple selections).

There are two types of selection options in the Model Configurator:

- 1) Stock items. These options are inventory items. Orders for models requiring these items will create demand on the items’ inventory. The items will be issued at the appropriate time in the shipment cycle.
- 2) Descriptive items. These options are for reference and for printing on sales documents (orders, packing slips, invoices). There is no inventory associated with these items.

It is possible to define options which are mutually exclusive, i.e. if a specific option is selected, it is possible to prohibit the selection of another option(s).

As options are selected during the order entry process, a list on the screen is generated which shows the selected items, their quantities and prices. Running totals for selling price and shipping weight are displayed. Also, the Model Configurator will progressively create a product number based on the options selected. The final configured product number and price can be manually overridden, if desired. It is also possible to establish a “Base Product Number” which will always be used as the final product number, regardless of the options chosen.