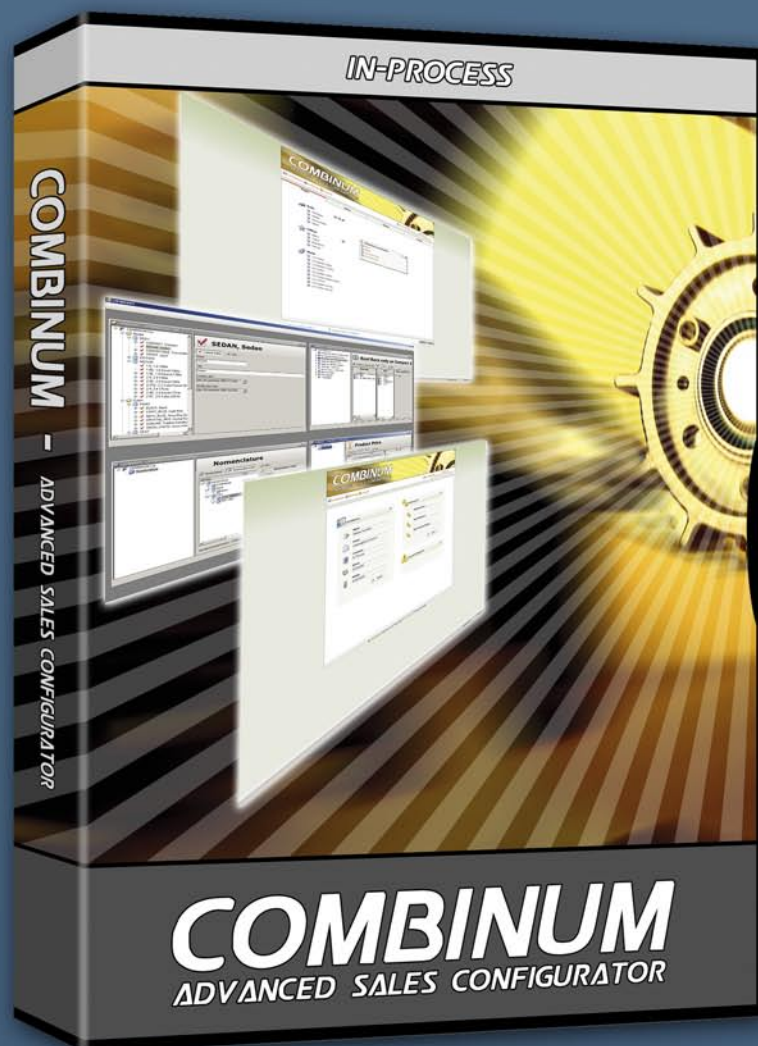


“COMBINUM is a powerful sales configurator which helps you to render more effective order flow by letting customers and sellers configurate orders directly on the net”.



COMBINUM
ADVANCED SALES CONFIGURATOR

This is COMBINUM®

COMBINUM is a system which enables efficient selling of varying products. The work process, from the customer's wishes to production and delivery, will be simplified and automatized.

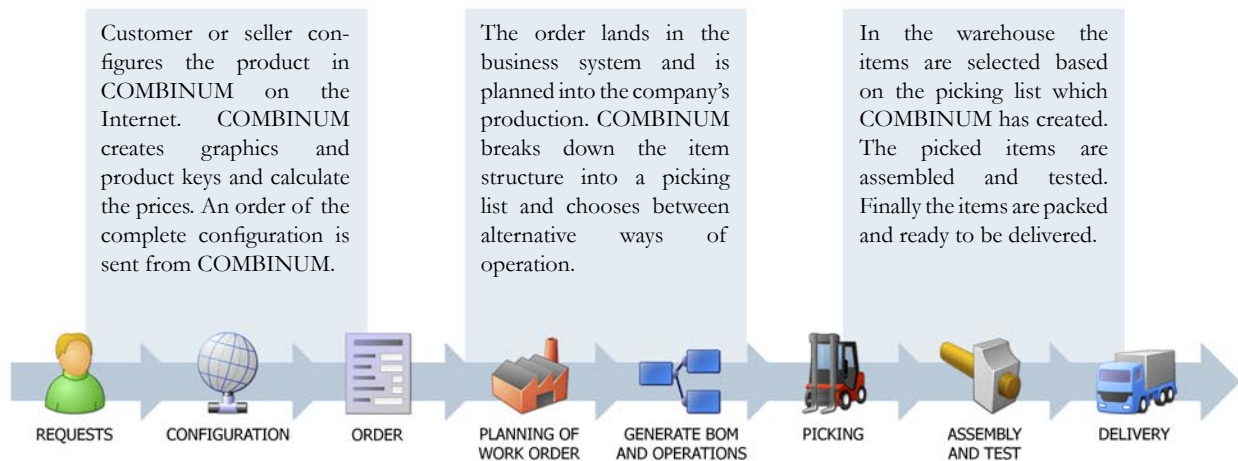
With COMBINUM, customers and sellers can get correct offers and orders directly from the Internet. COMBINUM controls the configuration so that everything is correct, the system also calculates prices, generates graphics and guide the user with relevant information. This process is going on simultaneously while the customer or seller is choosing among the presented options.

When the customer's orders are to be planned for production, COMBINUM rationalizes the flow of the process further by generating picking lists and ways of operation automatically for the transfer to the business system.

The core of COMBINUM is the configurator and the rule based engine, which is used for a multiple purposes, for example:

- prevent prohibited choices
- calculate prices
- generate graphics
- putting together product keys
- links to the right documents
- select items and ways of operation
- calculation of quantity, length, width etc.

This is how COMBINUM works



Develop the Company with COMBINUM

With COMBINUM you build the knowledge of a product specialist into COMBINUM's body of regulations. COMBINUM makes your sales staff and costumers to product specialists and guides them through the configuration.

With COMBINUM you can reduce costs in many areas and free valuable time. You can reduce the time of administrative sale staffs' work and the need for help and support during the procedure of offers and orders. With an efficient and reliable flow of orders all the way to production and delivery even more rationalizations are made. Use enabled time to develop products and take care of costumers instead of correcting errors.

With COMBINUM you meet today's and tomorrow's challenges:

- faultless orders – what cannot be made cannot be ordered
- demands for flexible products in a global world
- increased time for client attendance instead of administration
- liberating product specialists from routine work
- ordering on-line
- availability 24/7 all year long
- a professional showcase for the company
- automatic price calculations
- clear overview by detailed graphics
- simple order handling
- automatic BOM-generating
- an educational tool where sellers can learn about the company's products range

COMBINUM fits perfectly for the manufacturing company that offers complex products with many parts, characteristic and options. For companies with many offers and orders the use of COMBINUM will increase in corresponding rate. With costumers, sellers, distributors and resellers spread out all around the world COMBINUM becomes an excellent tool to inform about news and changes.



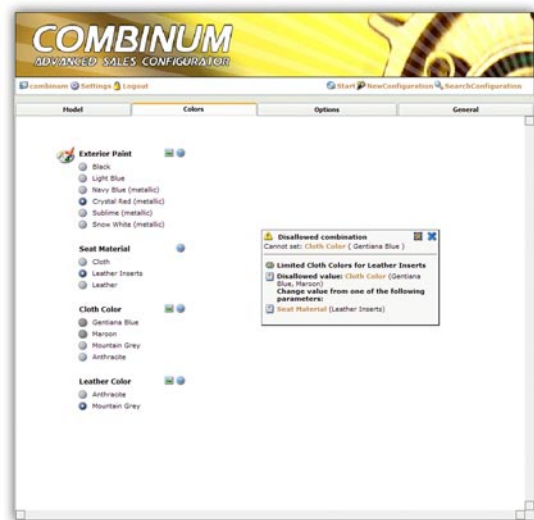
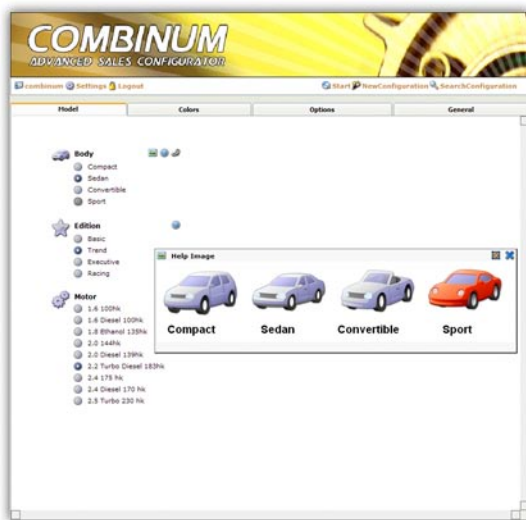
COMBINUM WebServer

The configuration of the products occurs in a web-based environment. Sellers and costumers are able to use the configurator on field work around the world as long as they have access to an Internet connection. New products and options are immediately accessible.

COMBINUM is built to give the user a living experience. COMBINUM guides the user through the configuration and supplies you with information regarding the latest data. Every little change in the basic configuration gives you information about available choices, prices, graphics, documents, nomenclature etc.

The configuration system has been optimised to give the user the best performance. COMBINUM is built around the latest technology with .NET, Java Script and AJAX, which gives you the possibility of lightning fast response combined with extensive data processing. What has to be done immediately is performed directly in the web browser, the things that are not on top of the agenda is done by the web server and is sent back in completed form.

COMBINUM is optimised for the web browser Internet Explorer 6.0+ and Mozilla Firefox 1.5+.

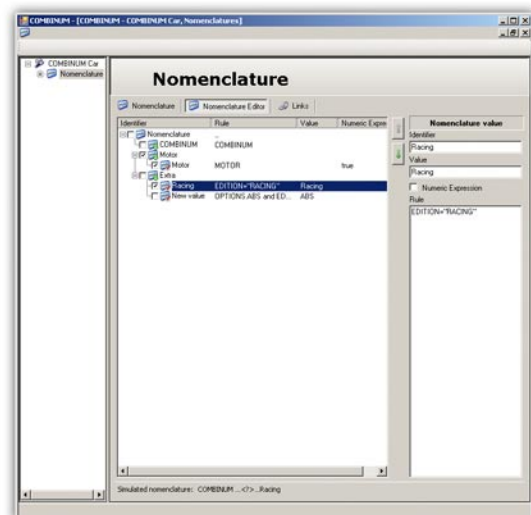
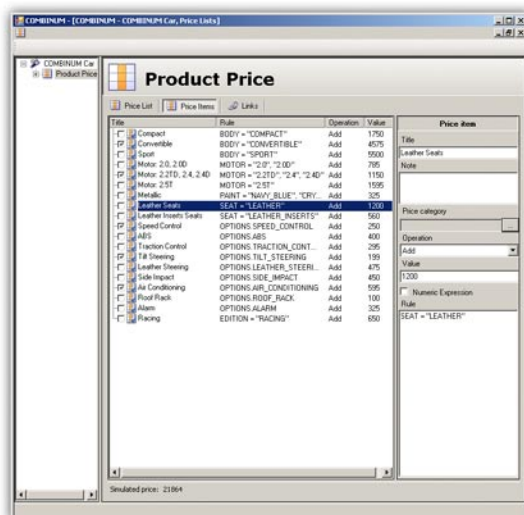
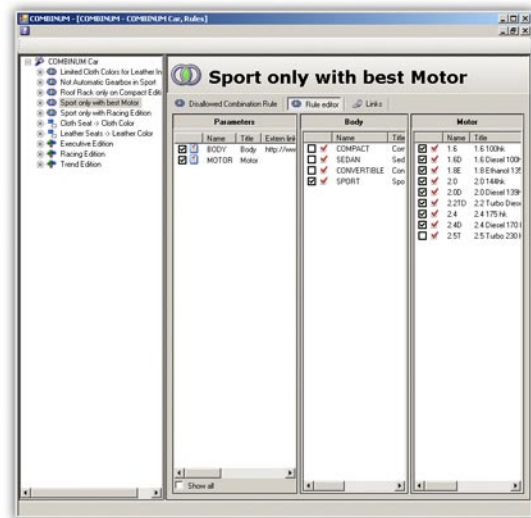
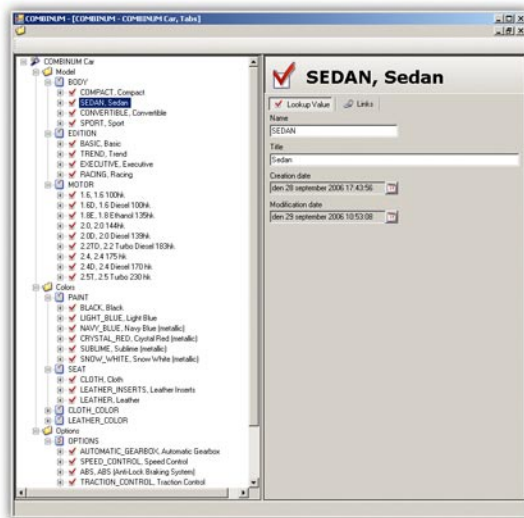


COMBINUM Architect

COMBINUM is administrated by a powerful Windows based tool, which gives the user the needed support to efficiently set up and maintain the configurator's body of regulation

The administrator can, in an easy and relaxed manner, make changes and test them in COMBINUM's development environment. When everything works according to plan you publish the changes made to the product environment. To keep maintenance low it is possible to reuse the body of regulation and parameters between similar products and models.

The user interface is intuitive and easy to learn. COMBINUM is administrated in different branches so that the user effectively can focus on one task at the time. In addition COMBINUM Architect has powerful navigation functions which give the user the possibility to make an all-inclusive analysis and follow all types of links between objects.



COMBINUM Sales Configurator

COMBINUM Sales Configurator is the basic module for COMBINUM. It includes COMBINUM WebServer as well as COMBINUM Architect equipped with basic functionality for sales configurations.

The COMBINUM Sales Configurator includes support for configuration pages with:

- parameters distributed over various tabs
- advanced settings for the parameters various dependencies
- price calculation based on the product and its parameter values
- rule based document links
- help system including texts, pictures and links

COMBINUM Sales Configurator can be combined with the modules that are necessary to solve the configuration needs of your company.

COMBINUM Advanced Pricing

Fundamental pricing per product and option are included as standard in COMBINUM. The price is calculated automatically as the user set the product's parameters.

The module for advanced pricing allows for further possibilities such as:

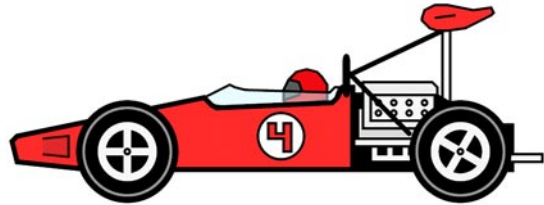
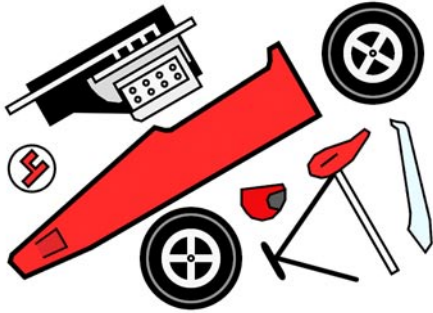
- price calculation with complex price regulations
- hierarchical price dependencies for efficient handling of dimensionally ruled prices
- multiple price lists
- perspicuous price reports with sub-totals and notations
- discount rates
- exchange handling

COMBINUM Nomenclature

The forerunners of configurators were often long product keys that defined how the product was configured. A string of text that roughly describes a configuration can still be a good guideline for communication with customer and service technician. To be able to generate such a rule based string of text COMBINUM has a nomenclature engine.

COMBINUM Graphics

With COMBINUM's graphics engine you can see how your product graphically develops and changes when you alter the choices/options in the configuration. The graphics are shown in the web interface in the SVG (Scalable Vector Graphics) format and uses AJAX (Asynchronous JavaScript and XML) –technique to get updates from the server. The graphics engine can also generate DXF (Data exchange File) –files for downloading.



COMBINUM Structure

Item structures and ways of operation can be placed both in the business system and the COMBINUM database. In both cases, these will appear in the COMBINUM Architecture, where you can set rules for controlling when items and/or ways of operation are being selected. You are also able to control attributes such as amount, length, width, and time spent.

COMBINUM generates picking lists and ways of operation automatically based on this set of regulations in connection with the order being planned for production in the business system. Incoming data at the configuration of items and ways of operation are those options and characteristics, which earlier were specified by COMBINUM's web interface.

The body of regulations that the COMBINUM Structure configurator uses are exclusively boolean rule operators which are supported by the configurator including; and, or, not, (), =, <, >, <=, >=, <>, ?:, +, -, *, /, div, mod. But you're also able to add further operators and special functions that customers demands.

COMBINUM SmarTeam

COMBINUM is seamlessly integrated with SmarTeam. All of COMBINUM, with the exception of the graphics which has its own tool, can be administrated from within SmarTeam. SmarTeam is published to COMBINUM by a simple press of a key. Configurations, created in COMBINUM, are accessible from within SmarTeam. Even SmarTeam's number generator is integrated with COMBINUM.

In-process Sweden AB

In-process is a leading Swedish company in configuration technology. COMBINUM is the result of our extensive and perennial experience in sales support, order handling, production and graphics.

We help companies with variable products to a more efficient order process. With the powerful sales-configurator COMBINUM and its open architecture we can help you reach your visions for the ordering process.

In-process Sweden AB
Rosendalsgatan 10
504 52 Borås

+46 (0)33- 14 14 64
info@combinum.com
www.combinum.com

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