

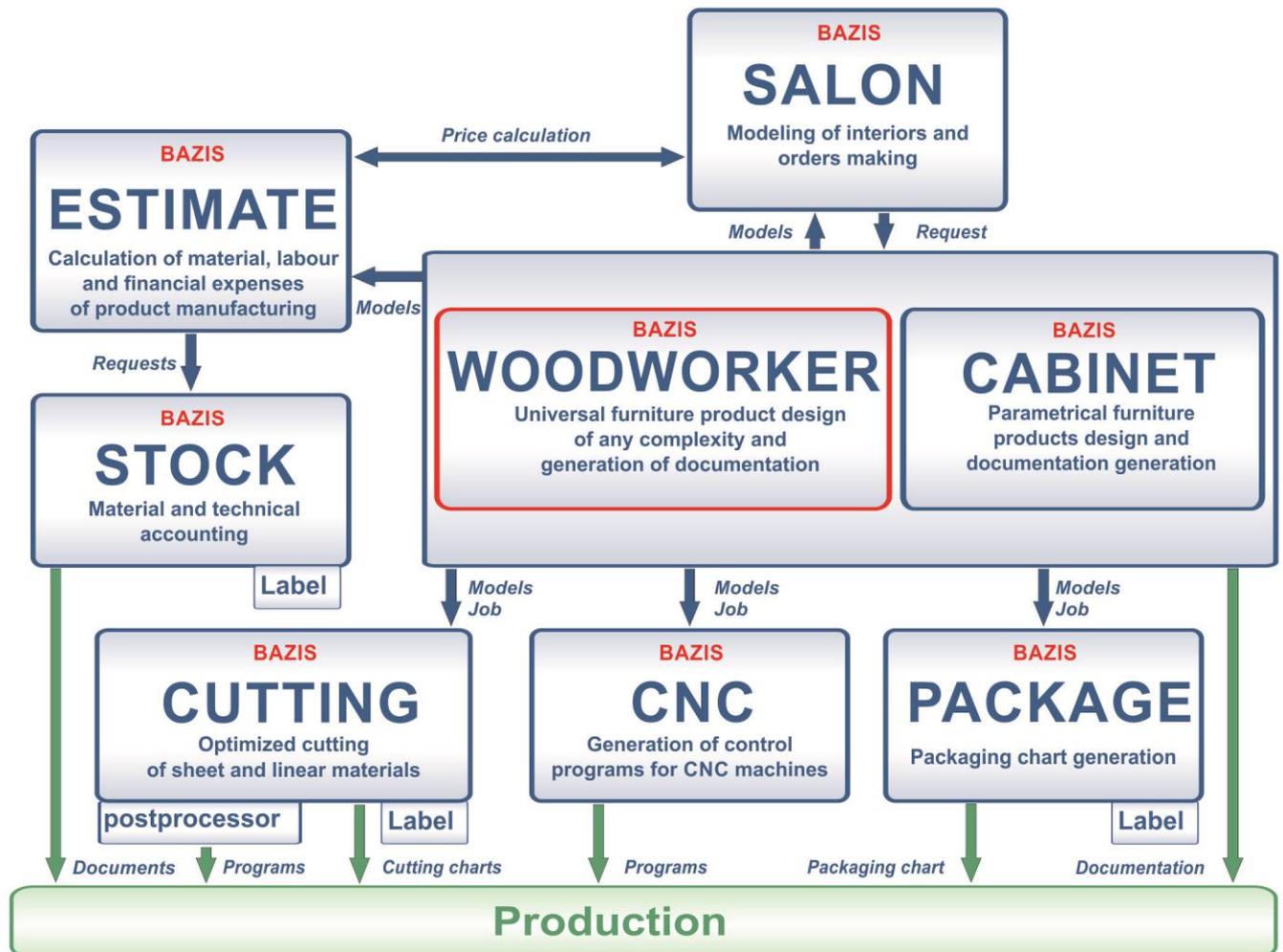
BAZIS –

integrated software system of modern means for design automation and preproduction at furniture enterprise

BAZIS system is a set of functional complete software modules. Each of them can work independently, as well as interact with other modules in united information environment. Module structure of the BAZIS system allows to organize its implementation step-by-step, thus using energy and resources reasonably, gradually reorganizing the work.

Maximal economic efficiency of BAZIS system is achieved by the joint use of all modules.

BAZIS system structure and interaction



Advantages for domestic user

BAZIS – is a system, worked out by domestic programmers. Technical support is realized by designers, it has obvious advantages in comparison with foreign analogues.

«BAZIS-Center» has a multistep service, that includes phone and on-line consultations, education at designer's as well as at user's place, webinars and regional seminars.

Keeping up to date

BAZIS – is a dynamic developing system.

Designers are aimed at giving the producers all necessary and modern means for furniture design, technological preproduction, calculation and building the united information environment of the enterprise.

Significant role in this big and serious work is paid to constant contacts with the users and partnership with the leading high schools, that makes it possible to check and improve every component of the system.



BAZIS-Woodworker

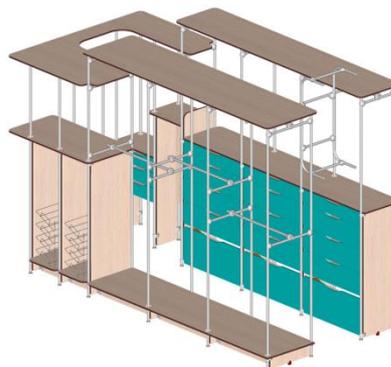
Ideal combination of work simplicity with unlimited possibilities in product design.



This is the main module of the BAZIS system, used to design cabinet furniture products of any complexity, with the possibility of automatic creation of the total set of drafts and specifications and other documents. BAZIS-Woodworker is professional editor, based on the full-fledged three-dimensional geometric modeling kernel.

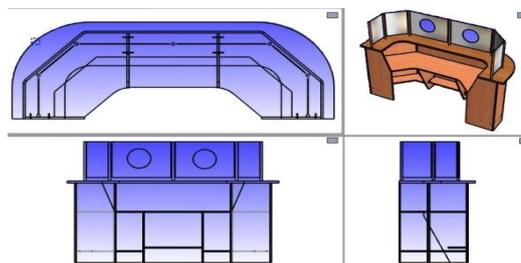
Module capability

- Full command set, used to design 3D models of the furniture products.
- Building arbitrary revolved and extruded bosses according to arbitrary contour.
- The realization of logical operations at 3D bodies: addition, subtraction and intersection.
- Building arbitrary furniture and interior elements: edgings, profiles, balustrades, etc.
- Setting the panels with gaps, allowance and automatic snap to the previously designed objects.



- Creating bentwood panels with arbitrary cuts, grooves, holes etc.; it is possible to edit the contour of the panel as well as of its elements.

- Creating 2D and 3D dimensions, auxiliary lines and arcs.
- The products design in standard projections (front view, left-hand view, top view) and in axonometric projections in different mapping modes – wireframe, with partial and full invisible lines removal and in textures.
- Panel edges editing for fillets and chamfers creating.

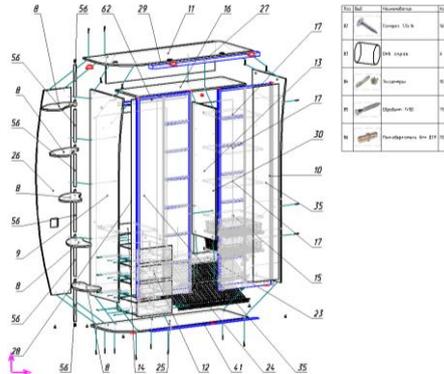
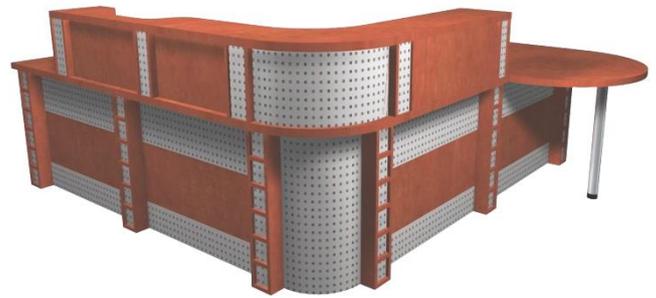


- Banding panel edges and faces with any kind of material, taking into consideration the properties of materials and production technology features.
- Work with fasteners, including user classes of parametric mounting fasteners.
- Design and installation of different models of mounting and decorative fasteners with automated creation of all necessary holes in panels (including bent).
- Creating automatic fasteners mounting charts.
- Mounting hinged and sliding doors of different construction created in Door design wizard.
- Mounting pull-out drawers of different pull-out systems created in Drawer design wizard.

- Creation of elastic blocks – effective means of parametric change of product or its components dimensions.
- Construction of grooves of arbitrary cuts and trajectory with automatic forming of corresponding sections on working drafts.
- Construction of framed front panels.

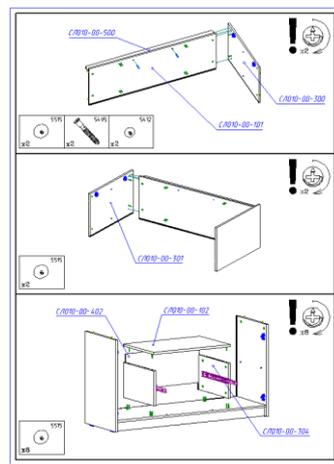
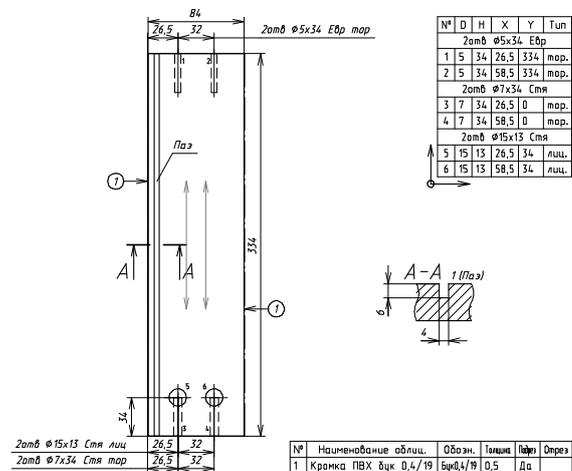


- Creating subunits from the panels.
- Group change of panel materials and groove parameters according to assigned charts.
- Group operations with panels: copying by different algorithms, mirrored imaging, integration into structural elements, etc.



- Saving full history of model creation by the algorithm of non-linear rollback that makes it possible to return to the arbitrary stage of its design and to change any parameter.
- Visual fasteners mounting in any projection including axonometric.
- Work with project (arbitrary list, that contains the chosen products number) used at cutting and cost calculation.

- Automatic creation of assembling diagrams with positions placement and fasteners tables generation.
- Automatic creation of assembly and working drawings. The possibility to draft all necessary technological parameters.
- Paper work using algorithm for intellectual dimensions arrangement, that builds fine and compact view of assembly and working drawings.



- Flexible customization of documentation view and composition: drawing format, projection number, availability of symbolic representation tables and holes coordinates, etc.
- Setting the algorithm of automatic specifications design for particular conditions of production.
- Specifications export to xml, dbf, txt formats.
- Model analysis for panels intersection, correctness of fasteners mounting, maximum panels size.
- User interface setting, hot keys assignment.
- Work with scripts allows to create user commands, including those for arbitrary parametric objects modeling.

- Getting product photorealistic image in consideration of material textures, light-source location, type and colour, reflectivity, transparency and other surface optical properties.
- Models import from other systems into 3ds, VRML, x3d, obj, md3 formats.
- Case Import/Export from Dynaplan program in bxf format with BLUM fasteners display.





BAZIS-Salon

Interior and cabinet furniture design orders generation for typical and original cabinet furniture in the client presence.



Structurally BAZIS-Salon module consists of three components:

- BAZIS Pricelist manager.
- BAZIS-Salon: Orders management.
- BAZIS-Salon: Interior.

Pricelist manager is used to build electronic furniture catalogues (pricelists) of all producers that work with salon; it groups products according to functional, constructive and other features.

BAZIS-Salon: Orders management is used for automatic orders generation and their manual correction if necessary. It allows to manage orders data-bases, client lists, extended services for clients, and all stages of orders support, beginning with contract making, ending in product shipment.

Capability of BAZIS-Salon: Orders management

- Adding the models from BAZIS-Cabinet and BAZIS-Woodworker modules to furniture products order with automatic price calculation and editing possibility.
- Building extended services and workers directories unconnected with furniture production. Expenses and service cost is calculated via formulas as in BAZIS-Estimate.
- Setting document templates (specifications, packing lists, invoices, etc.) with built-in editor.
- Automatic in-line documentation generation, according to templates, worked out on the basis of order content data.

Группы заказов	№	Дата	№ заказа	Клиент	Сумма заказа	Долг. затраты	Оплата
	11.05.2010	1	Иванов Иван Иванович	11110,5	0	0	
	13.05.2010	2	Иванов Иван Иванович	3545,0	0	0	
	14.05.2010	3	Сергеев Сергей Степанович	8827,5	0	0	
	15.05.2010	5	Сергеев Сергей Степанович	2785,0	0	0	
	09.06.2010	6	Сергеев Сергей Степанович	4990,0	0	0	
	09.06.2010	7	Иванов Иван Иванович	9927,02	0	0	
	11.06.2010	9	Иванов Иван Иванович	3046,8	0	0	
	11.06.2010	11	Иванов Иван Иванович	14074,94	0	0	
	11.06.2010	12	Иванов Иван Иванович	6719,62	0	0	
	13.10.2010	17	Иванов Иван Иванович	11000,0	0	0	
	14.10.2010	18	Сергеев Сергей Степанович	11053,6	0	0	
	23.11.2010	22	Иванов Иван Иванович	10939,17	338,32	7 000,00	
	25.11.2010	26	Сергеев Сергей Степанович	7824,8	0	0	
	30.03.2011	2643234	Сергеев Сергей Степанович	38378,93	0	0	
	31.03.2011	122423	Сергеев Сергей Степанович	7156,6	0	0	
	31.03.2011	6435	Сергеев Сергей Степанович	37051,61	2 500,00	0	
	12.04.2011	333	Иванов Иван Иванович	0,0	0	0	
	13.04.2011	111	Иванов Иван Иванович	7027,7	210,82	3 000,00	
	17.05.2011	333	Иванов Иван Иванович	21506,78	0	0	
	29.09.2011	21312	Мебель строй	157,83	0	0	
	29.09.2011	12	Сергеев Сергей Степанович	59,99	0	0	
	29.09.2011	43543	Сергеев Сергей Степанович	19595,74	0	0	
	29.09.2011	4353465	Иванов Иван Иванович	1446,157	0	0	
	10.10.2011	324234	Сергеев Сергей Степанович	24400,0	0	0	
	10.10.2011	32423	Мебель строй	48710,0	0	0	
	10.10.2011	324234	Сергеев Сергей Степанович	79380,0	0	0	
	11.10.2011	106543543	Мебель строй	19270,0	0	0	
	12.10.2011	456456	Сергеев Сергей Степанович	46435,4	10 650,00	0	
	13.10.2011	234234	Сергеев Сергей Степанович	4470,0	0	0	
	20.11.2011	11	Мебель строй	70370,0	0	0	
	21.11.2011	234234	Сергеев Сергей Степанович	573,82	600,00	0	
	21.11.2011	23423	Мебель строй	45465,3	0	0	
	22.11.2011	324234	Сергеев Сергей Степанович	5089,3	0	0	
	22.11.2011	1062345	Сергеев Сергей Степанович	1147,7	0	0	

Расстановка	Состав заказа	Дополнительные затраты	Оформление документов	Платежи	Состояние		
Артикул	Наименование изделия	Материал	Единиц. изм.	Количество	Цена со скидкой	Сумма со скидкой	Скидка, %
FR0110 67	FR0110 67		шт.	22	50	1100	
Витка 600	Витка 600		шт.	1	0	0	
Кампук	Камуна Корсика		шт.	1 52	0	0	
Камуна	Камуна Корсика		шт.	3 54	0	0	
С500аво	Стол 500 1 аво С500аво		шт.	1	2236	2236	
С500авч	Стол 500 4 аво С500авч		шт.	2	2236	4472	
С500аво	Стол 800 2 аво С500аво		шт.	1	2236	2236	
С500аво	Стол 800 2 аво С500аво		шт.	1	2236	2236	
М41000а	Стол под пилы циганов 1800 М41000а		шт.	1	2236	2236	
СПД600а	Стол под пилы 600 СПД600а		шт.	1	2236	2236	
Стол стелена	Стол стеленый		шт.	1	0	0	
столеница 600	столеница 600		шт.	2 32	0	0	
столеница 600	столеница 600		шт.	0 99	0	0	
столеница 600	столеница 600		шт.	2 02	0	0	
УЗБРПотк	Угловой элемент открытый левый УЗБРПотк		шт.	1	1200	1200	
УЗБРПотк	Угловой элемент открытый левый УЗБРПотк		шт.	1	1360	1360	
УЗБРПотк	Угловой элемент открытый левый УЗБРПотк		шт.	1	1200	1200	
УЗБРПотк	Угловой элемент открытый левый УЗБРПотк		шт.	1	1360	1360	
Ш4400ст	Шкаф навесной 400 со стеклом Ш4400ст		шт.	1	2036	2036	
Ш4500ст	Шкаф навесной 500 со стеклом Ш4500ст (нестандарт)		шт.	1	2036	2036	
Ш4500ж	Шкаф навесной 500 Ш4500ж		шт.	1	2036	2036	
Ш4800ст	Шкаф навесной 800 со стеклом Ш4800ст		шт.	1	2036	2036	
Ш4800ж	Шкаф навесной 800 Ш4800ж		шт.	1	2036	2036	
Ш4800ст	Шкаф угловой 600 со стеклом Ш4800ст		шт.	1	2036	2036	

- Keeping actual order information: payments, order production progress, etc.
- Network of several modules of order management, with the help of unified database.
- BAZIS-Salon: Interior module launch for interior model design and order from furniture products of the current price-list generation.
- Interior model processing, designed in BAZIS-Salon: Interior.
- Manual order editing, using the products from the current price list.

- In-line documentation export in MS Excel and Open Office formats.
- Order data export in files of dBaseIII (*.dbf) format.
- Check the total and ready-for-shipment products amount in ready-products stock.

BAZIS-Salon: Interior is used for room model design and furniture arrangement.

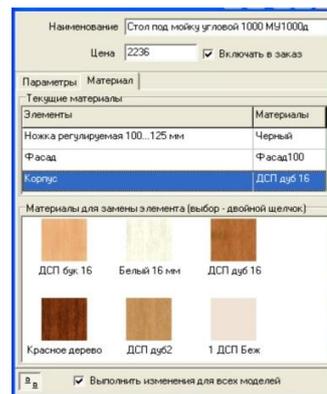
Module capability

- Room interior design according to windows, doors, arches position and other features, that ensure the high degree of correspondence of reality to computer model.
- Automatic walls hiding that obscure the interior view.
- The set of special commands for long-length products building (cornices, plinths, balustrades, worktops) and generating precise drawings with components dimensions indication.



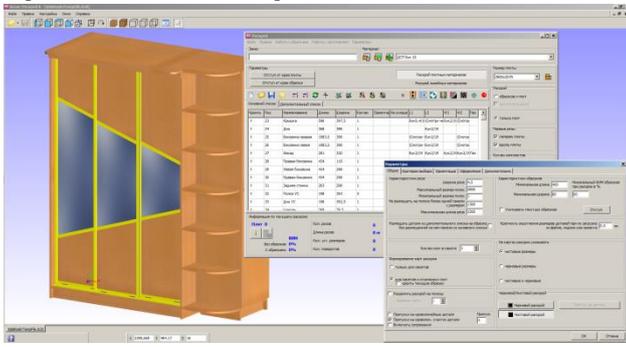
- Conditional walls height reduction for better interior viewing.
- Chosen furniture models arbitrary arrangement or relating to rooms elements.
- Manual change of furniture model arrangement by distance to the wall or to previously set objects input.
- Getting interior photorealistic image in consideration of material textures, location, light sources type and colour, reflectivity, transparency and other surface optical properties.
- Automatic order cost calculation.
- Price recalculation of changed (original) product with the help of built-in BAZIS-Estimate.

- Combining of different product variants and sets.
- Change of colour gamma and use of different decorative elements for the purpose of maximal correspondence of demands and desires of the customer to the abilities of the seller.
- Models import and export to VRML format.
- Data saving in xls, xml, bmp, jpg formats.



- Adding of new models from BAZIS-Woodworker and BAZIS-Cabinet modules or changing the existing ones in BAZIS-Woodworker module with automatic new cost calculation.
- Models or their elements (handles, legs, front panels, etc.) by the price-list analogues replacement.
- Front panels by parametric front panels replacement that take overall dimension of the initial front panel.
- Generated order to production delivery.
- Doors opening and drawers pulling out animation.





BAZIS-Cutting

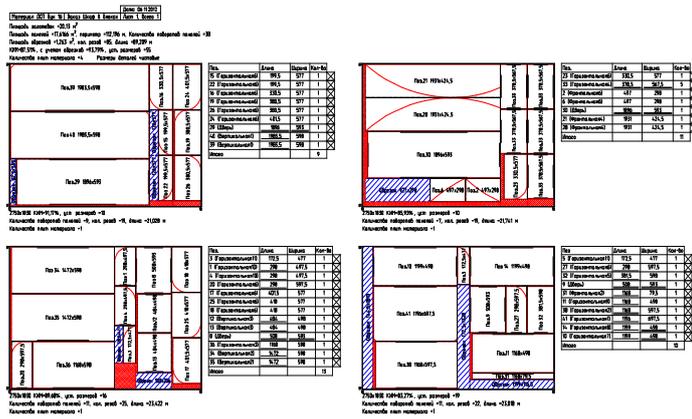
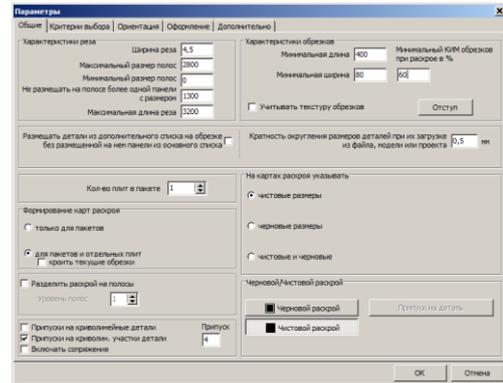
Unique modern software that combines visual and clear interface with powerful mathematic algorithms of optimal material cutting.



BAZIS-Cutting allows to get considerable material and time saving at production due to cutting charts making. The module allows to take technological and organizational peculiarities of production into account.

Module capability

- Lots of technological settings allow to adapt the module to particular production conditions, tool and equipment.
- Getting alternative cutting charts with different cuts direction in a single session.
- Cutting charts manual editing.
- Possibility to center cutting charts on a board.

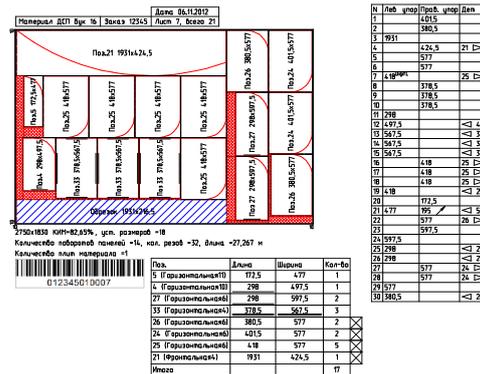


• Cutting charts design depending on material texture of each panel, standard boards size, availability of useful cut-offs, indent from the board edge, cuts orientation, allowances setting, etc.

• Panel contours display on the cutting charts at sheet as well as at linear cutting; this is important at worktops, postformings and other cutout.

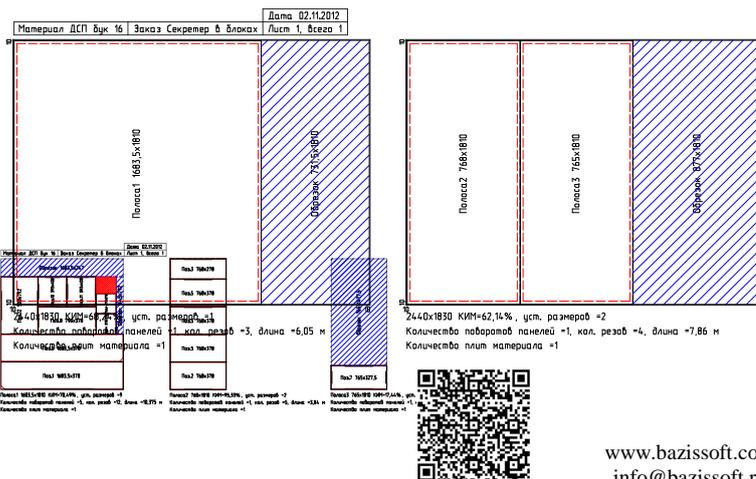
• Cut-offs size optimization.

- Splitting a big batch of products into smaller batches, optimized for balanced equipment load at the factory.
- Automated specification of optimal products number in one batch.
- Simplified cutting cost calculation.
- Forming the list of technological cuts sequence with ready panels marking, indicating the side from the saw blade (left/right).

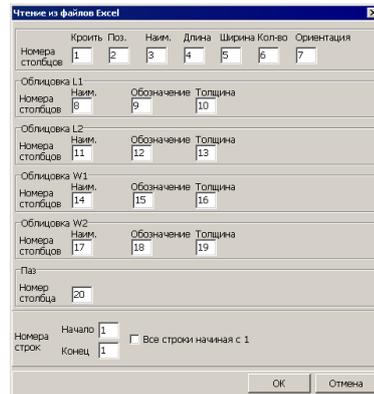
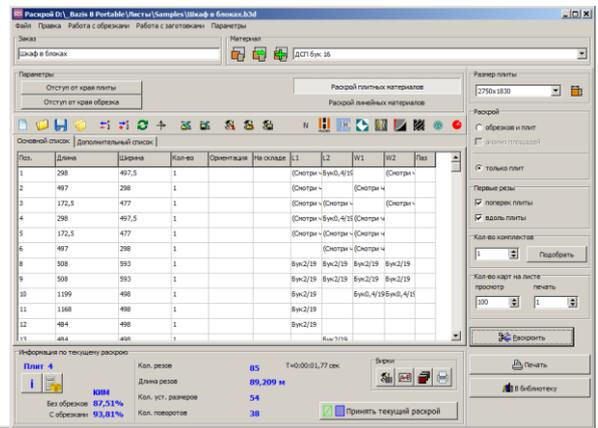


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- Realization of strip cutout:
 - first stage – cutout of boards into strips;
 - second stage – cutout of strips into panels.
 It allows to do the cutout by two machines, or by one machine in two technological operations.

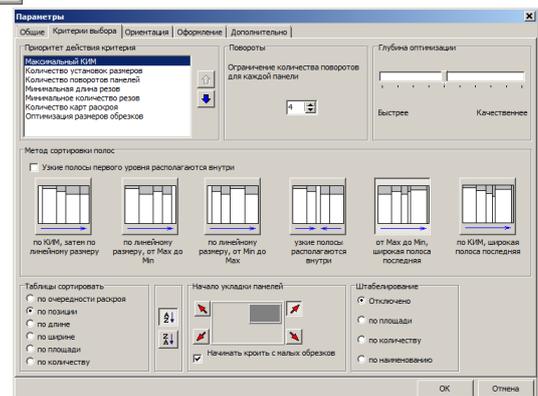


- Project cutting – arbitrary products set that composes the order with products number specification.
- Useful cut-offs database creation with sorting criterion setting.
- Panels size manual input.
- Output data list setting required for placing on cutting charts, and cutting charts view setup.
- Creating an extra list of panels for their arrangement at cut-offs that had come from main list panels cutout for cut-offs rational use.



- Automatic labels generation that contain parameters set in figures or bar-code view.
- Data export and import in general formats (*.txt, *.xls, *.doc) for connection with other programs.
- Cascade charts cutting including other optimization criteria and technological settings.

- Multicriterion cutting charts optimization with set priorities of optimization criteria.
- «Current cut-offs» mode realization: packs of several boards are cut first, and then the panels, that were not included into stack cutting, are placed on the cut-offs.
- Stacking - cutting charts generation according to real technological sequence of product cycle.



Postprocessors for BAZIS-Cutting module create cutting charts and/or control programs for the following saw machines

	Machine control system	File formats
Altendorf	-	*.saw
Casadei Macchine (SCM Group)	Wincut	*.scm (by default)
Felder	for saw machines	*.may
Felder	for panel sizing saws	*
Filato	Filato	*.csv
Gabbiani (SCM Group)	Wincut	*.scm (by default)
Griggio	iLENIA	*.nps
HOLZ-HER	HOLZ-HER	*.ncr
Holzma (HOMAG Group)	Postprocessor HolzLink (HOMAG Group) is required	*.ptx
KDT	KDT / for panel sizing saws	*.txt / *.xml
MacMazza	-	*.pro
Martin	Martin	*.mrt
Paoloni	-	*.txt
Schelling	-	*.ncl, *.ncp
SCM (SCM Group)	Wincut / MaestroCut	*.scm / *.xPrg
Selco (BIESSE Group) before 2000 г.	NC	*
Selco (BIESSE Group) after 2000 г.	Required postprocessorXML-Link (Biesse Group)	*.xml
TorkMakine	-	*.csv
ZaiTec	ZaiTec	*.txt
-	Simulator	*.sim
-	Nesting technology	*.b3d

Расчет стоимости материалов и комплектации

Артикул	Наименование материала	Ед. изм.	Количество в заказе	Количество в наличии	Количество в заказе	Цена	Стоимость в заказе	Стоимость в наличии	Примечания
107	Веточка	мг	0	0,033	0,033	30	1,06	1,06	
10	Панель 16	шт	42	0	42	0,04	1,68	0,04	
51	ДВП наклеенная бук	м.ж	2,904	0	1,2	3,485	4,182	4,182	
60	ДВП бук 16	м.ж	17,615	0	1,2	21,138	25,366	25,366	
	Брусок 6х30	шт	14	0	1	14	14	0,35	7,7
367	Клей разъемный Малеберг	кг	0	0,4	0,4	500	199,94	199,94	
	Кромка 012327	м	4	0	4	0	0	0	
34	Кромка ПВХ бук 0,4/19	м	15,738	0	1,06	16,802	17,862	17,862	
34	Кромка ПВХ бук 2/19	м	50,91	0	1,06	53,964	55,024	55,024	
7	Лента шлифовальная	шт	0	0,01	0,01	80	0,83	0,83	
5	Наждак шестигранный	шт	0	0,014	0,014	30	0,42	0,42	
	Лента	шт	14	0	14	0	0	0	
1	Панель дубовая	шт	0	0,306	0,306	4000	1225,36	1225,36	
2	Панель липовая	шт	0	1,04	1,04	20	20,79	20,79	
	Полосакартфель	шт	20	0	1	20	20	0	
366	Растворитель 647	л	0	0,035	0,035	30	1,06	1,06	
3	Фанера 16 мм	шт	0	0,306	0,306	300	91,38	91,38	
	Экцентрик	шт	88	0	1	88	0	0	
							7987	7987	

Общая стоимость / Стоимость в заказе
По таблице: 7987 / 7987

BAZIS-Estimate

User-friendly and powerful module for economic parameters of furniture production calculation.

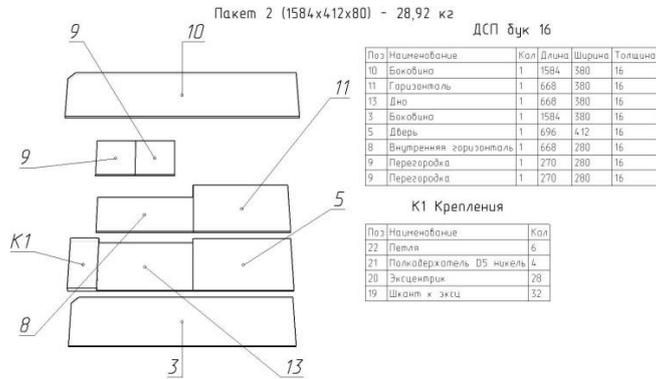


BAZIS-Estimate allows to calculate furniture products cost designed in BAZIS system in consideration of material, labour and financial expenses and production profitability.

Module capability

- Automatic calculation of products expenses designed in BAZIS system.
- Calculating algorithms and data bases setup allows to calculate estimate indicators thus saving time a lot.
- Estimate calculation of the whole product as well as of product group or separate element.
- Calculation of all labour costs for technological operations, necessary for products or product group making.
- Output data generation for displaying and printing out.
- Integration with BAZIS-Stock module. Order file may contain material costs accounting information as well as information for ready products accounting.

- Manual editing of the results.
- Unique mechanism of concomitance allows to take production expenses into account: equipment amortization, tool degradation, material consumption, auxiliary operations, and many other parameters, connected with technological process peculiarities.
- Approximate production time calculation.
- Forms and specifications setting for calculation results viewing.
- Information export and import in the most universal formats (*.txt, *.xls, *.dbf).
- Material amount and operation work content rounding.



BAZIS-Package

Optimal automated packing of panels of different overall dimensions at furniture production.



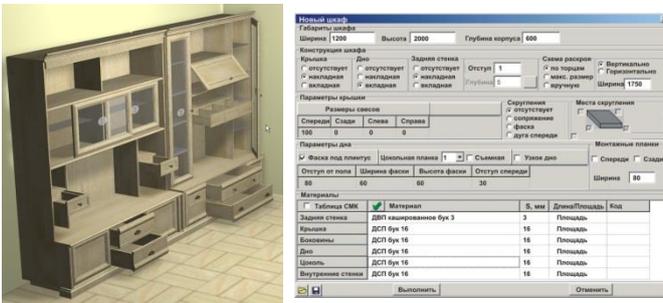
BAZIS-Package allows to put the panels into boxes fast and precisely, making the package optimally tight.

Module capability.

- Design of individual fasteners boxes, for fasteners or flexible elements arrangement.
- Automatic design of different package types for each pack depending on volume coefficient.
- Autocheck of maximal weight and overall size for each pack.

- Automatic design of parts arrangement in each pack.
- Automatic creation of panel list specification for each pack.
- Automatic label generation for each pack.





BAZIS-Cabinet

The module of cabinet furniture parametric design: cabinets of different types, cupboards, shelves, upper shelves, chests of drawers, tables, etc.



BAZIS-Cabinet allows to design any product of supported class quickly and efficiently. Work with parametric model in interactive mode, automatic design and control saves time for new products development. Powerful editing instrument allows to change any parameter of the product, keeping its structure and interconnection between the components.

Module capability

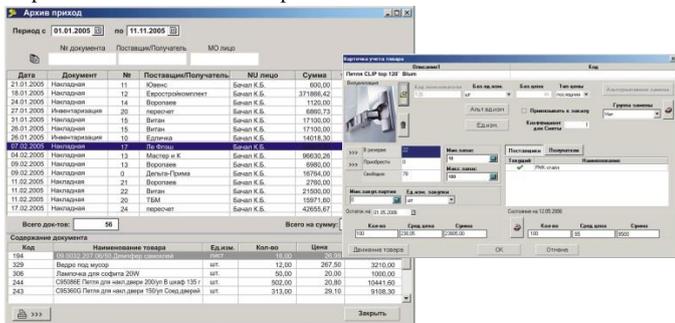
- Products design on standard projections and on axonometric projection in different mapping modes.
- Cabinet models design by their main constructional parameters assignment.
- Parametric design of corner cabinets of different constructions, including those with sliding doors.
- Design of sliding doors for cloakrooms.
- Automatic construction of arbitrary upper shelves sections by specified parameters.
- Automatic construction of one- and two-side corner sections of different configurations for cabinet, upper shelf section, corner cabinet.
- Automatic parameters calculation and detachable shelves into section mounting.
- Mounting of hinged and sliding doors of different constructions designed in Door design wizard.
- Mounting of sliding drawers of different pull-out systems designed in Drawer design wizard.
- Drawers into drawer section mounting.
- Wall panels and mounting bars under worktop installation at kitchen furniture design.
- Assembling diagrams automatic generation with set positions and fasteners.
- Assembly and working drawings automatic generation. Drafting of all necessary technological parameters.
- Automatic parameters calculation for vertical panels perforation.
- Fasteners arrangement and edge banding rules setup according to furniture production peculiarities.
- Automatic fasteners arrangement and edge banding according to set rules.
- Different fasteners and gears mounting (handles, legs, clothes tubes, locks, clicks, latches, lamps, lifts).
- Designed products editing by design parameters change including fasteners mounting and edge banding parameters.
- Designing operations automatic analysis: geometrical parameters of the panels, sections and the whole product, the possibility of drawers pulling out, door hinges and fasteners mounting, profile systems and sliding door gears use.
- Un-banded edges total area calculation for ecological safety estimation by release of formaldehyde.
- Automatic or semi-automatic material cutting for back panel.
- Minimum and maximum panel sizes control.
- Compatibility with BAZIS-Woodworker module.

Doors mounting (Door design wizard)

- Design of composite doors that build up a construction of edge profiles and different sheet materials insertion.
- Sealing profiles automatic mounting using materials of different thickness.

Drawers mounting (Drawer design wizard)

- Drawers parametric models with pull-out systems design: BOX, runners, sliding shelf.
- Drawers and gaps number setup, panel and edge materials specification, handle type selection, etc.



BAZIS-Stock

BAZIS-Stock is original software that controls material stock and allows to organize inventories strict accounting and control.



Its use in BAZIS system allows to combine and optimize the work of design and supply department, material and part stock for continuous production ensuring.

Module capability

- Stock hierarchy structure design with internal products moving.
- Big number of automatically generated documents.
- Stock products fast taking on charge according to product groups classification.
- Product search by different criteria and its delivery from stock to production by packing lists and writing off lists.
- Documents content and form setting.
- Information to other systems transfer.
- Products nomenclature import from DBF files and BAZIS-Woodworker module material data base.
- Products labeling via BAZIS-Label program.
- Documents generation via bar-code scanning and corresponding product adding.
- Easy work with suppliers. The module allows to store suppliers information and their contacts. It is possible to design separate orders for each supplier.
- Products inventory mechanism.
- “User-friendly” interface saves custom settings.
- Work with ready products stock.
- Multiuser work with products and orders in united network data base.

- Stock support.
- Built-in data automatic backup mechanism. There is automatic backup with the following settings for each server stock data base:
 - backup start time,
 - backup copies number,
 - backup period.
- User actions log creation and report viewing by the administrator in convenient form.
- Powerful mechanism of products purchase list generation.
- Active work with product requests from BAZIS-Estimate module that is the most important difference between BAZIS-Stock module and the same class systems. Requests use allows to model the real process of material stock work and to realize the following operations with maximal confidence:
 - materials and parts purchase orders generation;
 - products reservation;
 - product replacement by the analogue;
 - product delivery by requests with orders priority.
- Documents export to MS Excel and OpenOffice

Use efficiency.

BAZIS-Stock does not substitute the bookkeeping programs, but it complements them, solving very narrow but important tasks.

Bar coding allows to work efficiently and precisely. Product bar-codes may be generated in BAZIS-Label module or used as suppliers bar-codes. Bar-codes use in document content generation via a scanner makes it possible to exclude the input of human-factor mistakes and increase the work speed.

BAZIS-Stock module maximal efficiency is reached when it is used together with BAZIS-Woodworker, BAZIS-Cabinet and BAZIS-Stock modules.

In this case general information environment of the enterprise will be created and it allows to accept and process BAZIS-Estimate material and part requests for products designed in BAZIS-Woodworker and BAZIS-Cabinet modules. It allows to save time and minimize expenses connected with material support of production.

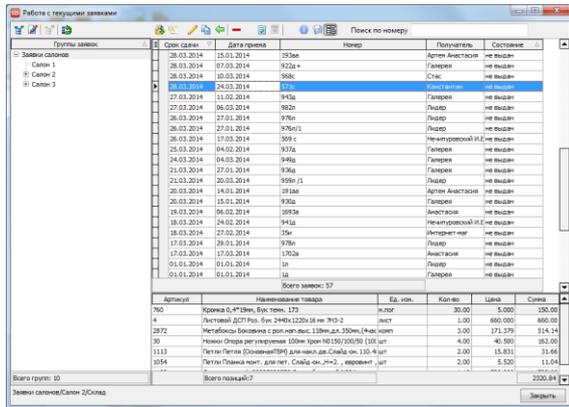
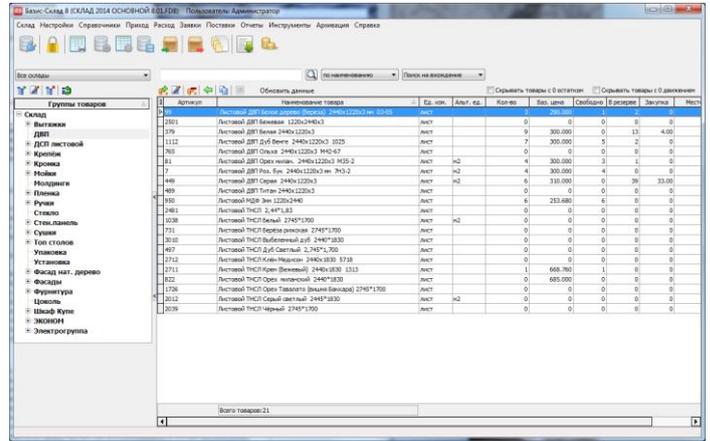


Product receipt and expenditure

When production is intensive and stock balance always changes, the task of current stock correspondence to information in data base becomes very urgent. The program capacity to input quickly and easily information about product receipt and expenditure allows to bring in correspondence these two important things, as well as to get receiving and expenditure documents.

Packing lists are generated automatically in BAZIS-Stock module according to order priority. Moreover, its use in the BAZIS system structure does not demand to specify materials and parts required for the order - it is done automatically.

Another important feature is possibility to work with basic and alternative measurement units. It allows to bring product units for purchase and production use in correspondence.



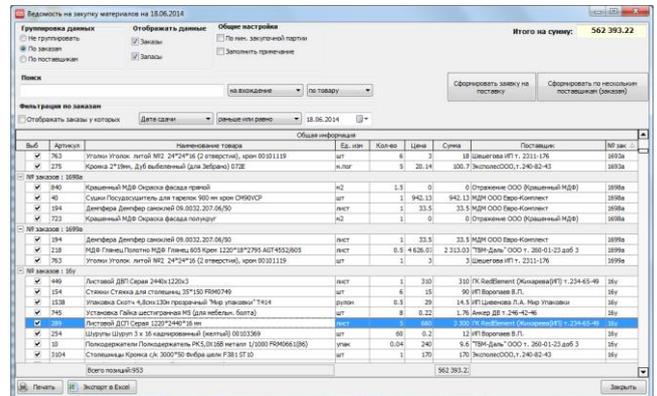
Work with requests

The notion of product request is a unique characteristic of BAZIS-Stock module. It allows to model the real process of material stock work with maximal confidence.

Request means products reservation, available product delivery, automatic generation of purchase list of lacking or absent products, materials and parts stock generation for maximal realization speed of priority orders. The module allows to replace product by the analogue that is acceptable by production process as well as order priority.

Purchase control

- Order products filtration by the following parameters:
 - by date of order completion (receipt);
 - by order number.
- Products purchase according to minimal purchase batch.
- Products grouping by orders and suppliers.
- Unified list of several orders (suppliers) generation.
- Minimum product supply level viewing.

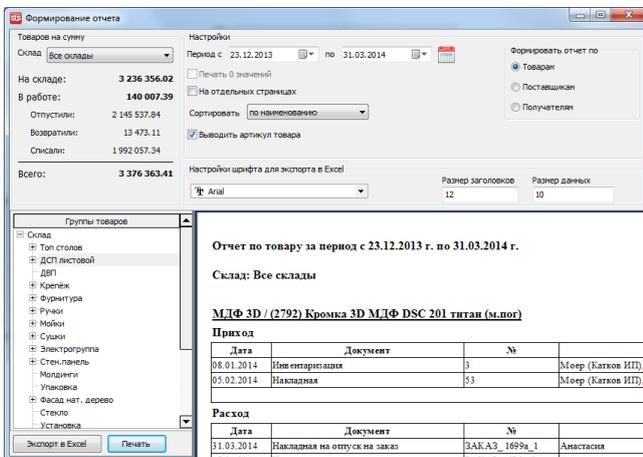


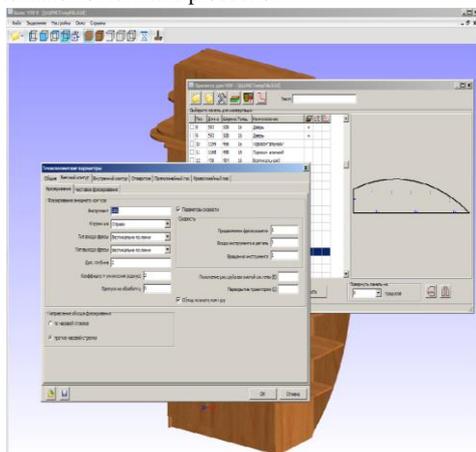
Output data

BAZIS-Stock module data base is hierarchical, it is the most natural model of working stock. It gives the opportunity to group the products, to find necessary products and get in-line documentation very quickly.

The process of documents generation (packing lists, reports, requests, etc.) is automated as much as possible. Besides, the user can edit any document, and not only its content, but also its form.

All the documents are saved in data base and may be printed out if necessary.





BAZIS-CNC

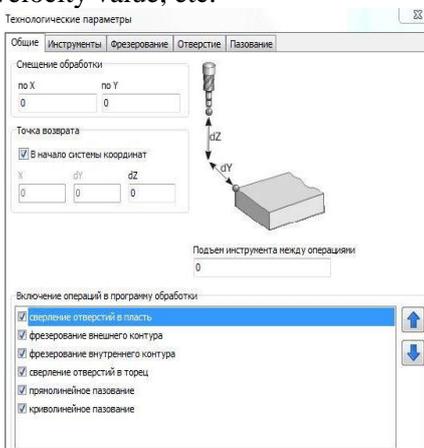
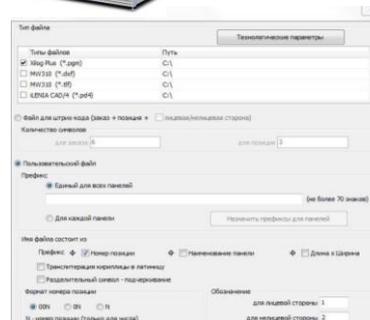
Automatic design of control programs that enable production of furniture developed in BAZIS system via milling machines.



The use of BAZIS-CNC module saves designing time and improves the quality of production.

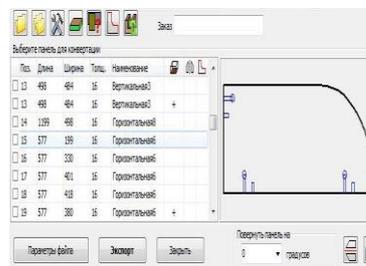
Module capability

- Automatic data accessing about any panel directly from product model and its drawing for import into automated control systems format used in CNC-machines.
- Automatic operations set design for panels processing (contour milling, edge and face boring, edge grooving, front panels processing of any complexity).
- Automatic design of two control programs: for panel front and back faces according to operations for better processing.
- Automatic product contour design depending on rectangular and shaped panels edge banding.
- Technological parameters setup e.g. tool number and name, mill correction, type of tool lead-in and lead-out, milling velocity value, etc.



- Work with panel contours of any complexity.
- Automatic holes grouping.
- Automatic design of mill lead-in and lead-out if it is not specified by machine software.
- Panel contour rough and finish mill processing setup.
- Control files design for several control systems simultaneously.
- Technological parameters saving in settings files.
- Groove processing with several mills.

- Operation machine processing check up.
- Holes processing optimization.
- Panel rotation for its handy arrangement on the machine.



BAZIS-CNC module allows to design control programs for the following milling-boring machines

Machine producer	Machine type	Machine control system	Files format
AES Group	MB	AES Raptor	ANC
Artisan	MB	Artisan	NC
Beaver	MB	VIC Engraver Control System	NC
Beaver	MB	OSAI Control	CNC
Beaver	MB	Syntec	CNC
Biesse Group	MB	NC500	DXF, PAN
Biesse Group	MB	NC1000, BiesseWorks Editor, XNC	BPP, *.
Busellato	MB	Genesis Evolution 6.5-8.8	CNC
Busellato	MB	Wave (Xilog Maestro)	XXL,PGM,PGMX
FELDER серии Format4 Profit 2s	MB	Genesis Evolution 6.5-8.8	CNC
FELDER серии Format4 Profit H20-30	MB	Wood Flash	TCN
Filato	B	ARIX-OpenCNC	TNC
Filato	B	Filato Next (NC Boring)	AUT
GANNOMAT	B	GannoMat Editor	ASCII
GIBEN	MB	WoodCam	DXF
Griggio	B	GCad Lepton	PZA
Griggio	MB	TpaCAD Albatros	TCN
Hirzt	B	iLENIA CAD/4	PD4
HOLZ-HER	MB	Campus Hops	HOP
HOLZ-HER	MB	TwinCam	DXF
Homag Group	MB	WoodWop 4.5-6.1	MPR
IMA (BIMA)	MB	ImaWop 4.0-8.0	FMC
KDT	MB	Syntec	CNC
KDT	MB	TPA	TCN
KDT	MB	KDT Trepan	MPR
Koch	B	NC-Studio	NCP
Maggi	B	ICE101	*.
Maggi	B	iLENIA CAD/4	PD4
MasterWood	B	MW208	LBR, UTE
MasterWood	MB	MW310	DXF, TLF
MultiCam	MB	MultiCam PSS	NC
SCM	MB	Xilog Plus , Xilog Maestro	XXL,PGM,PGMX
SCM	B	Cyflex H800	CNC
SCM	B	Startech CN	CSV
Uniteam	MB	Albatros EdiCAD	*.
VITAP	B	VitapPoint CAD/4	PD4
VITAP	B	Albatros (Wood Flash)	PD4
Zelder	MB	VIC Engraver Control System	CNC
Артель	MB	DeskCNC	DNC
НПФ Семил	MB	WinKam	UF4
MB – milling-boring		B - boring	





Pricelist of the BAZIS system software

Valid since 11 September 2019 r

The price of the complete set is a sum of modules

BAZIS 11	License cost, RUB
Woodworker	65 000
Cabinet	27 000
Estimate	15 000
Cutting	20 000
Postprocessors for saws (Cutting module is needed)	50 000
Cutting Simulator (Cutting module is needed)	32 000
Nest Cutting (Cutting module is needed)	32 000
Postprocessors for CNC machines	50 000
Package	50 000
Salon	29 000
Stock	15 000

TECHNICAL SUPPORT (TS)

Valid for one year since modules' license, or license for upgrade purchase.

It includes:

- availability of upgrades within the bounds of purchased version
- free upgrade to new version in validity period
- consultation of the BAZIS models' work «hot line», on-line account

BAZIS 11	One-year license for upgrade (for one license), RUB	
	extension*	renewal**
Woodworker	6 500	13 000
Cabinet	3 000	6 000
Estimate	2 000	4 000
Cutting	2 500	5 000
Postprocessors for saws	5 000	10 000
Cutting Simulator	4 000	8 000
Nest Cutting	4 000	8 000
Postprocessors for CNC machines	5 000	10 000
Package	5 000	10 000
Salon	3 000	6 000
Stock	2 000	4 000

* Purchase before expiration of the technical support.

** Purchase after expiration of the technical support.

*** Extension cost is added to renewal cost for each overdue year.

WORK IN «BAZIS-ON-LINE» SYSTEM

Price, RUB	Woodworker	Cabinet	Estimate	Cutting	Postprocessor, CNC	Package	Salon	Stock
1 hour	60	100	100	500	1000	100	60	60
30 days	5000	3000	2000	3000	4000	4000	3000	1500
90 days	12000	5000	4000	5000	6000	6000	6000	3000
180 days	22000	9000	6000	9000	10000	10000	10000	5000
360 days	40000	14000	10000	14000	18000	18000	18000	8000

Electronic protection key	6 500 RUB
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