CAD PROJEKT K&A

Comparison of features in programs

Program function	CAD Decor PRO	CAD Decor	CAD Kitchens	CAD Cut
INTERIOR MODELING				
Drawing exterior and partition walls	YES	YES	YES	NO
Drawn wall editor	YES	YES	YES	NO
Window and door databases (parametric)	YES	YES	YES	NO
Inserting recesses, openings, projections, and bevels	YES	YES	YES	NO
Drawing arbitrary elements (floors, ceilings, casings, plinths, landings)	YES	YES	YES	NO
Adding 3D text, 3D planes (e.g., unusual bevels)	YES	YES	YES	NO
Adding columns (prisms, pyramids)	YES	YES	YES	NO
LIBRARIES AND MODEL DATABASES				
Ability to change dimensions, colors, and properties of materials (glass, wood, etc.)	YES	YES	YES	NO
3D converter—create your own libraries of 3D models	YES	YES	YES	NO
Model operations (snapping to walls, 3D rotation, dimensions, and textures)	YES	YES	YES	NO
Pricing and editing of interior design elements	YES	YES	YES	NO
Division of 3D model libraries into universal and manufacturer-specific	YES	YES	YES	NO
Product search using filters (size, manufacturer, name)	YES	YES	YES	NO
Converter - Supported formats (DWG, DXF, 3DS, OBJ, SKP, STL, and others)	YES	YES	YES	NO
Conversion to DWX format and saving to the user database	YES	YES	YES	NO
Possibility to use free model sources (e.g., BankModeli3D.pl)	YES	YES	YES	NO

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KITCHEN AND EQUIPMENT DESIGN				
Kitchen cabinet library	YES	NO	YES	NO
Base cabinets, wall cabinets, corner cabinets, tall cabinets, built-in appliances	YES	NO	YES	NO
Fronts, shelves, pilasters, masking elements	YES	NO	YES	NO
Appliance module	YES	NO	YES	NO
Internal division of bases according to manufacturer's assortment	YES	NO	YES	NO
Complete models for kitchen designs	YES	NO	YES	NO
Worktop generation	YES	NO	YES	NO
Standard – automatic or user-defined	YES	NO	YES	NO
Non-standard – based on any shape	YES	NO	YES	NO
Possibility to create technical documentation for worktops	YES	NO	YES	NO
Editor for custom kitchen cabinets, defining cabinet component formats	YES	NO	YES	NO
Parametric module for building custom cabinets and box furniture	YES	NO	YES	NO
Changing furniture type, color scheme, or handles	YES	NO	YES	NO
Molding	YES	NO	YES	NO
Automatic or manual generation of countertop, bottom, and top moldings	YES	NO	YES	NO
Ability to define custom molding profiles	YES	NO	YES	NO

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MATERIALS AND CERAMIC TILES				
Materials, textures, paints	YES	YES	NO	NO
Three groups of materials: manufacturers, standard, user	YES	YES	NO	NO
Editing parameters: gloss, transparency, reflection, emission, backlighting, convexity effect	YES	YES	NO	NO
Ceramic tiles from a wide range of manufacturers (Tubądzin, Paradyż, Cerrad, and others)	YES	YES	NO	NO
Applying tiles by dragging them over entire surfaces or fragments thereof	YES	YES	NO	NO
Arrangements at any angle, combinations of decors, vertical/horizontal stripes	YES	YES	NO	NO
Editing grout lines (color, thickness, offset)	YES	YES	NO	NO
Serial replacement of collections	YES	YES	NO	NO
Automatic quantity and price summaries	YES	YES	NO	NO
Ceramic tile database editor for adding your own tiles based on a graphic file	YES	YES	NO	NO
Option to save your own tile property settings to the database	YES	YES	NO	NO
Preview of dimensions, names, and catalog parameters	YES	YES	NO	NO
Filtering tiles by dimensions, name, color, manufacturer, collection	YES	YES	NO	NO

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LIGHTING AND VISUALIZATION				
Lights	YES	YES	YES	NO
Sources: halogen, fluorescent, spotlights, sunlight	YES	YES	YES	NO
Adjustment of color, intensity, and angle of illumination	YES	YES	YES	NO
Support for photometric profiles (IES)	YES	YES	YES	NO
Visualization module	YES	YES	YES	NO
Free camera and focal length settings	YES	YES	YES	NO
Application of materials, textures, paints, tiles	YES	YES	YES	NO
Editing of light sources and their parameters	YES	YES	YES	NO
Saving visualizations to JPG, AVI, spherical panorama, poss. of obtaining depth of field effect	YES	YES	YES	NO
RENDERING				
Standard rendering	YES	YES	YES	NO
Professional rendering	YES	●	●	NO
Advanced module with Path Tracing, Radiosity, and Raytracing algorithms	YES	●	●	NO
Excellent visualization quality with short calculation times	YES	●	●	NO
Use of CPU + GPU for faster rendering	YES	●	●	NO
Full Global Illumination mapping	YES	●	●	NO

● Professional rendering for CAD Decor and CAD Kitchens software is an additional paid option.

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PROJECT DOCUMENTATION AND PRESENTATION				
Project documentation and pricing	YES	YES	YES	NO
Automatic generation of technical project documentation	YES	YES	YES	NO
Title pages, floor plans, visualizations, pricing	YES	YES	YES	NO
List of elements used in the project (cabinets, appliances, tiles, etc.)	YES	YES	YES	NO
Editing prices and adjusting the cost estimate to the customer's needs	YES	YES	YES	NO
Project presentation – AVI animations	YES	YES	YES	NO
JPG images, artistic visualizations (sketch, watercolor, oil, crayon)	YES	YES	YES	NO
360° panorama	YES	●	●	NO
Printouts of documentation and wall layouts	YES	YES	YES	NO
LISTS				
Editing data for objects added to the project	YES	YES	YES	NO
Graphical preview of objects	YES	YES	YES	NO
Automatic cost summary, with the option of manual editing	YES	YES	YES	NO
Option to export to PDF, CSV, or XLSX files	YES	YES	YES	NO
Option to add to technical documentation	YES	YES	YES	NO

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OPTIMIZATION OF FURNITURE BOARD CUTTING				
Economical layout of the template on sheets	YES	NO	YES	YES
Cooperation with kitchen furniture databases and the Built-in Wardrobe Module	YES	NO	YES	YES
Selecting the type of cut depending on the type of board being cut	YES	NO	YES	YES
Defining the grain direction of boards, edge banding, veneer thickness	YES	NO	YES	YES
Defining the saw cut width and the option to add a margin for sheets	YES	NO	YES	YES
Calculator for calculating the number of boards necessary to optimize the cutting	YES	NO	YES	YES
Mixed cutting for formats with different grain directions	YES	NO	YES	YES
Optimal distribution of the format on the sheet by rotating it in the right direction	YES	NO	YES	YES
Order pricing taking into account components such as wardrobes, cabinets, etc.	YES	NO	YES	YES
Saving recurring orders	YES	NO	YES	YES
Saving cutting programs for Gabbiani cutting machines in PRG file format	YES	NO	YES	YES
Saving cutting programs for Altendorf machines in SAW file format	YES	NO	YES	YES