What's new in autokitchen 21

autokitchen 21 combines the same user interface as previous versions with a new software engine that produces higher-quality color renderings even faster. This new engine is a foundation that will allow us to continue improving software functionality for many years to come.

The main improvements of autokitchen 21 include:

- Overall faster rendering times along with an improved quality/time ratio for Medium renders.
- Higher-quality renders and videos as well as tools to edit renders professionally.
- Lights: Easier and faster illumination.
- Print: You get what you see (YGWYS) on screen.
- New and more flexible elevation dimension screen.
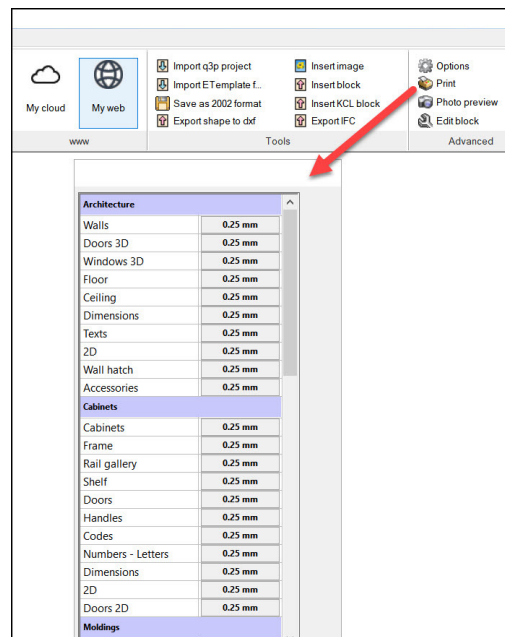- Simplified file back-up.

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PROJECTS

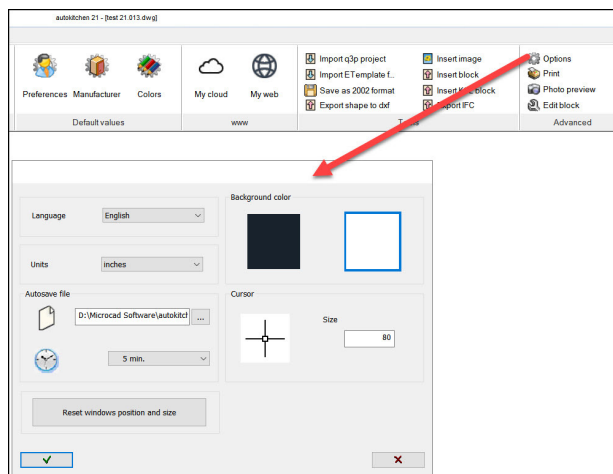Faster file opening, even if the file is in fast shade mode.

In the event of an unexpected close, upon launching the software, you will be prompted to open the last file. Answer Yes and the file will open up exactly where you were before the software closed.

Advanced Print now includes the ability to change the line weights of each of the elements listed in the menu.

A new Advanced Options menu where you can change:

Language, Units (inches, centimeters, millimeters), Backup file location and time interval, Screen background and Mouse pointer size.
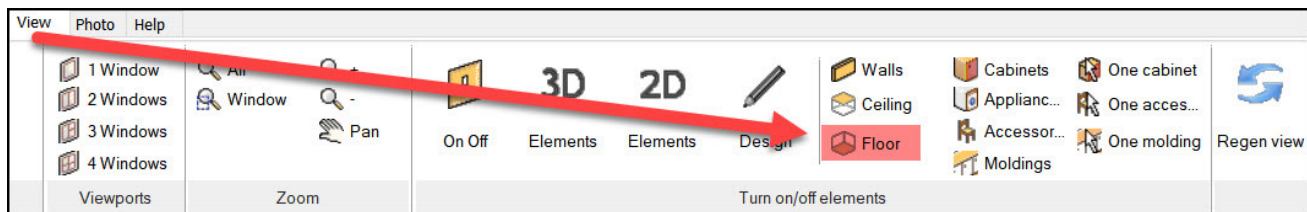
What's new in autokitchen 21

ARCHITECTURE

Wall insertion is now on ORTHO by default to make sure wall segments are straight.

Windows and doors hover by default at the center of the wall. To insert them centered, just click after the model selection.
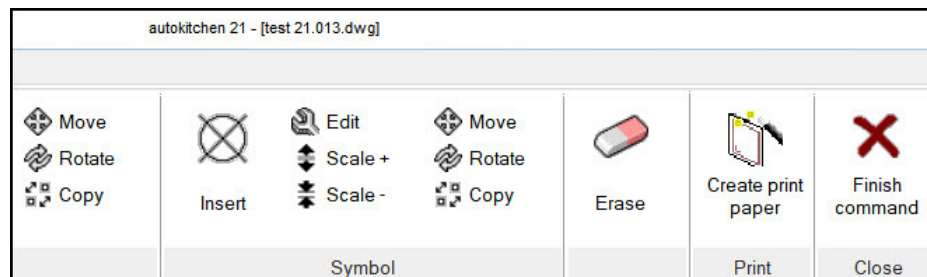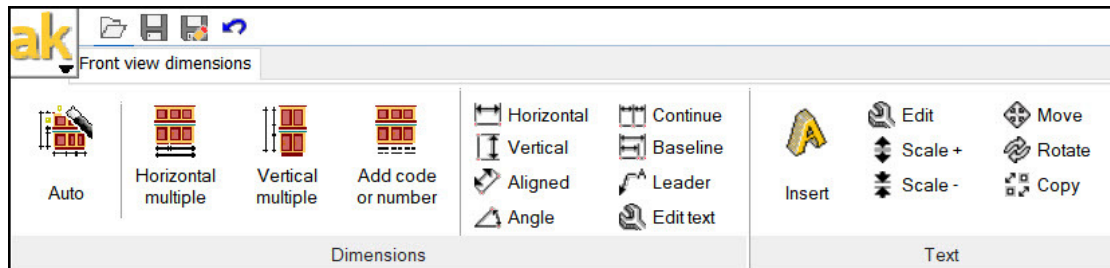
A Turn On/Off Floor button has been added in the 'View' tab.

ELEVATION DIMENSIONS

The elevation dimension tool bar is now integrated at the top of the screen and not a floating bar as in previous versions. In addition, the dimensioning tasks have been made more flexible:

• Edit, move and/or delete dimensions, symbols and notes directly on screen.

• Click then right-click any dimension, symbol or note to modify it or delete it.

• New button to Copy text.

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EDIT MATERIALS

When selecting a component of a cabinet to change its material (say, a knob), the material change will only apply to the selected component (the knob) and not the entire cabinet as in previous versions.

The edit materials function has been streamlined and made easier to use. When you apply multiple materials to an object, only the active or latest material applied is available for editing and not all the previous ones. This makes the edit materials list more manageable. In addition, a pull down menu with two main categories is now available to edit the material attributes: Standard and Metal.
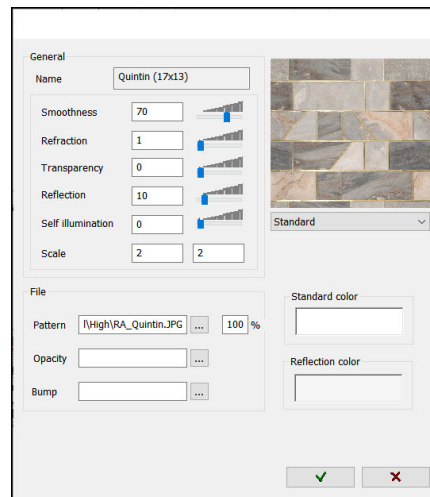

PHOTO AND LIGHTS

There are multiple improvements in this area:

• Faster render time in Medium and High Quality. Higher quality in Fast mode. More realistic appearance in general for metal and glass.

• In Medium, Slow and Very Slow renders, the material reflection is dimmed, which contributes to a more realistic look.
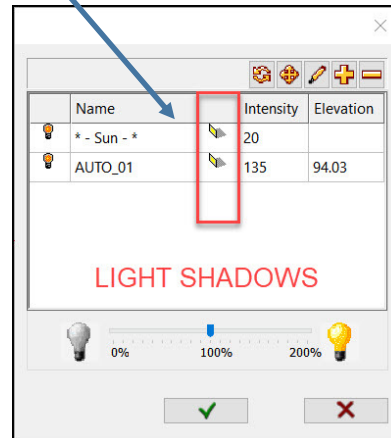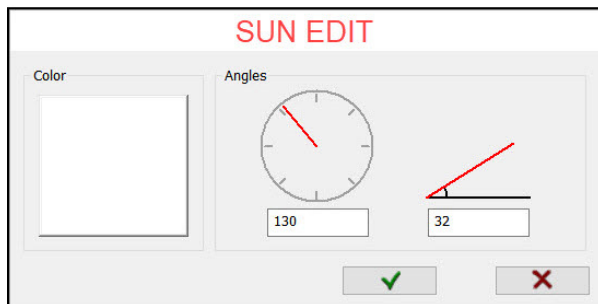
What's new in autokitchen 21

PHOTO AND LIGHTS

Sunlight is more intense and real. The Sun intensity factor now goes to 100.

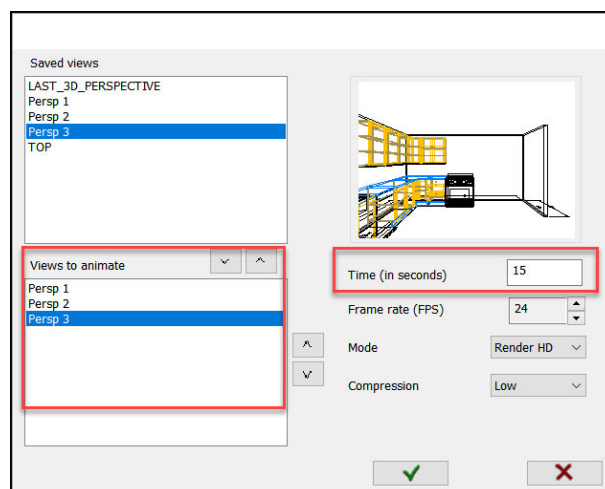New dialog window to configure sun orientation and inclination. No need to memorize degrees.

Ability to activate or deactivate shadows for each light in the design.

Material self-illumination is now more powerful. LED lights look more realistic. Global illumination is on by default resulting in natural light coming into the scene with less need for inserting light fixtures.

Faster 360° panoramic views. The shade mode panorama offers a quality similar to a Fast render and takes very little time. Regular Shade mode is now faster on screen.
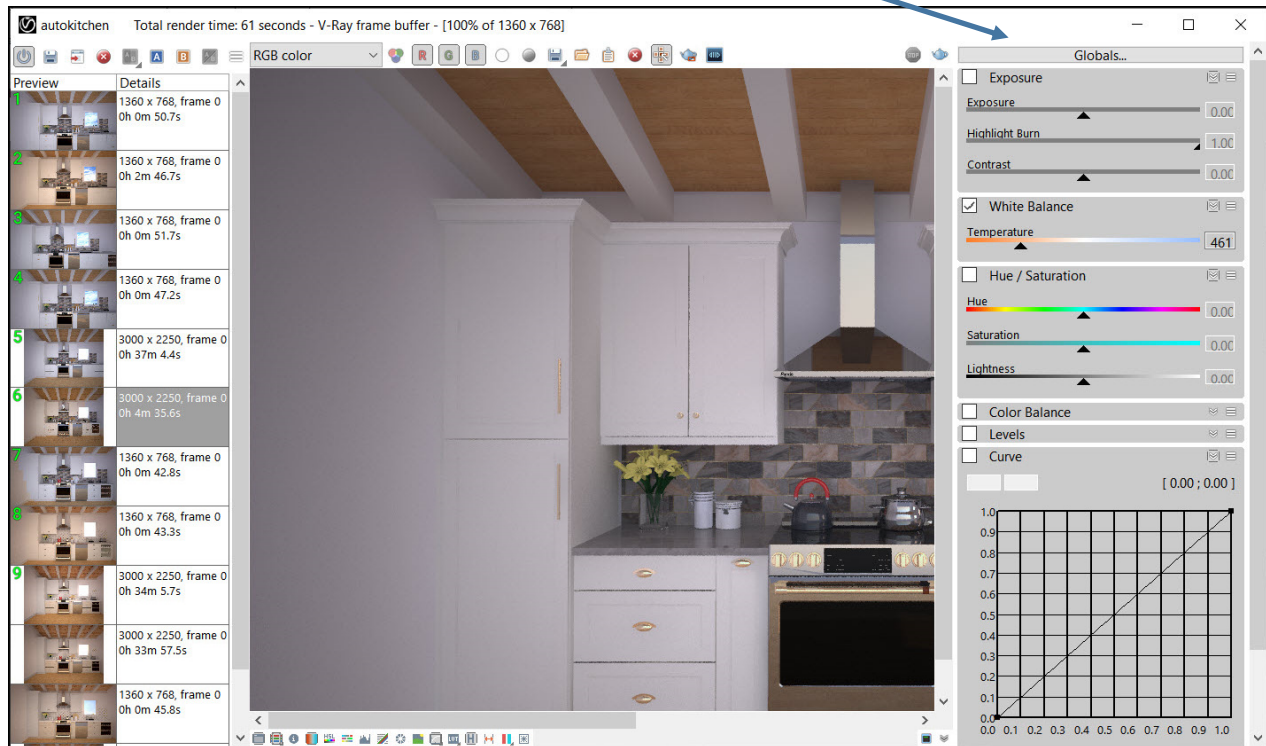
You can now generate walk-through videos with a resolution of up to 4K. To define the walk-through, select the specific views in the desired order and indicate the video total time.
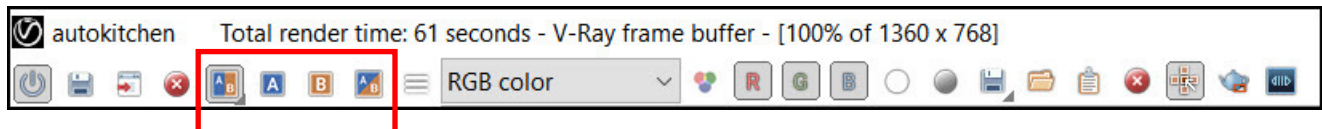
What's new in autokitchen 21

RENDER WINDOW

The V-Ray Frame Buffer which opens when you click on 'Render' is the new render window. The render window shows the last render by default and has the ability to store and show past renders as well. The window includes a 'Color Corrections' control panel where the renders can be edited in real time by altering values such as exposure, white balance, contrast, hue, saturation, lightness and many others.

The render window allows you to select two renders at the same time for comparison purposes. Renders created in Medium, Slow and Very Slow modes can be saved by channel (reflection, refraction, noise, others) in order to edit the different channels using professional editing tools.
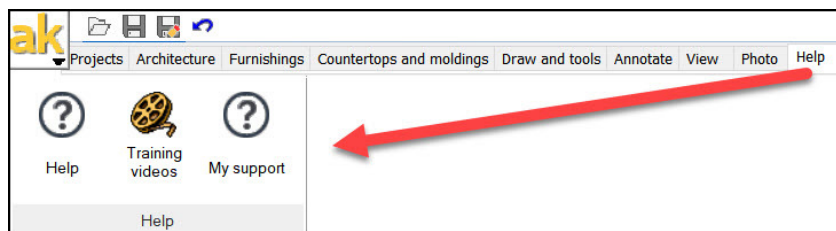
What's new in autokitchen 21

WARDROBE

Additional flexibility has been added to the wardrobe module. Specifically:

• You can now design sloped-ceiling closets.

• There are new closet configurations with swing-out doors.

• You can now change the width of individual modules. Once the change is made, the closed doors automatically self-adjust to the new width.

• For open-shelf closets, you can have an L-type profile where the depth is different in the bottom or the top of the closet.

HELP

A new Help tab has been added to the horizontal tool bar. From this tab you have direct access to the online help as long as you are connected to the internet. You can also access the tutorials, training videos and the Support Center.
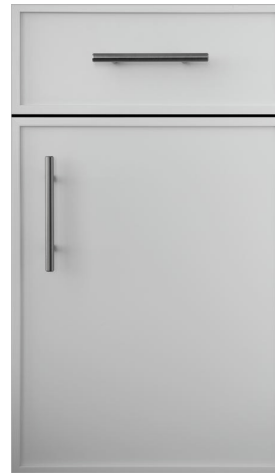
What's new in autokitchen 21

Autokitchen 21 includes several catalog improvements that cut across categories.

The architectural materials have been expanded to include new paints by Benjamin Moore® and Sherwin-Williams®. New tile designs as well as new mosaics and shiplap finishes have been added.

In Cabinetry, two new cabinet door styles have been added, Square 22 and Shaker 1.5.

In Appliances, several ranges, ovens and microwaves by Café™ have been added, as well as individual appliances by Bosch, Frecan and Stanisci. Many Countertop catalogs have been updated.