



Retail in the third dimension

# php Kitchen Planner

## Complete In-House Rendering Service

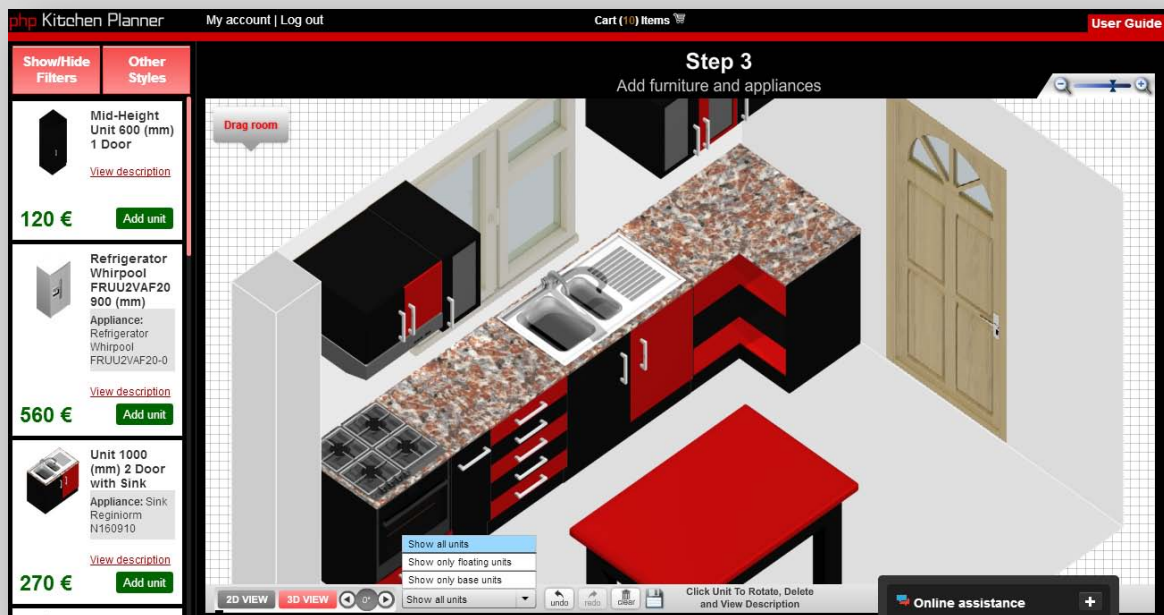
**php Kitchen Planner** is a powerful 3D isometric online interior planner solution developed by Digital Artflow. Along with its features, customization and maintenance services, Digital Artflow also provide rendering services to populate and update product catalogues inside the **MySQL** database that php Kitchen Planner uses.

### Content:

1. Why do I need renderings for php Kitchen Planner?
2. Understanding 3D modeling and rendering process

## 1. Why do I need renderings for php Kitchen Planner?

Php Kitchen Planner is an online selling platform for interior assets; your leads (potential customers) can interact with your items in 3D. In order for php Kitchen Planner to work, the script needs to generate the items selected by your leads. For each item you will need to import into MySQL database: **rendering layers** and **item information**.



## 2. Understanding 3D modeling and rendering process.

It is important for the business owner or/and developer to understand what a “unit” represents in php Kitchen Planner. A **unit** is a set of rendering layers that once grouped together (through selection) makes up an **item** (an item can be a: kitchen cabinet, appliance, chair, table etc.). Each layer is rendered in **4 angles** because our current viewport supports **4 angle camera rotations**. The following rendering layers are:

- **Unit carcass:**

- a. Carcass 3D modeling (size and shape)

**Example:** 30x70x60 cm

- b. Carcass texture/material mapping

**Example:** combination of 2 oak textures

- c. Door model (size and shape)

**Example:** door with glass or/and various designs

- d. Door texture mapping

**Example:** 2 oak texture combinations since we used it on the carcass above

Rendering sample on 4 angles:



- **Handle:**

- a. Handle 3D modeling

**Example:** half-moon shape

- b. Handle texture/material mapping

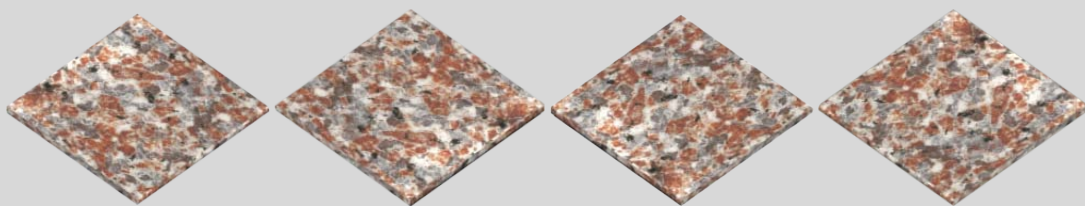
**Example:** silver

Rendering sample in 4 angles:



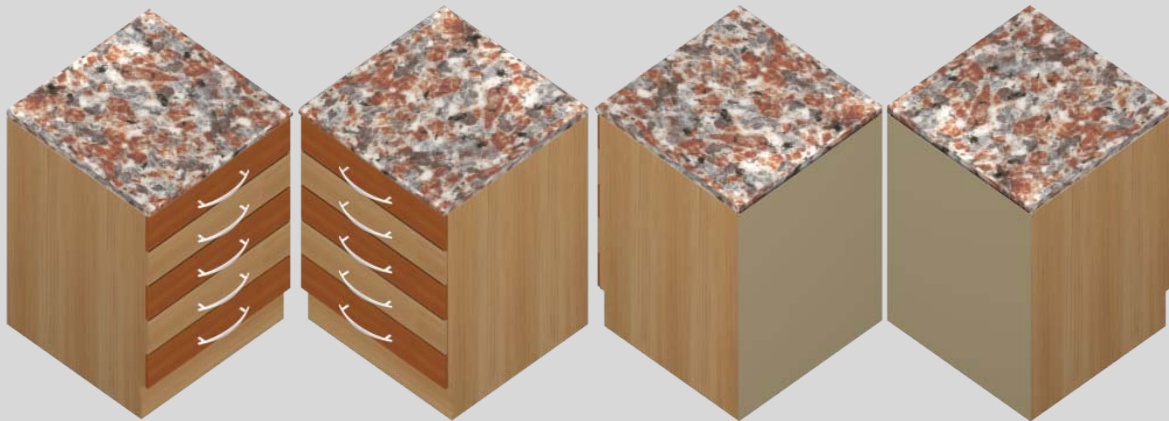
- **Worktop** (bench top granite or other materials, size must be compatible with carcass above in our case):
  - a. Worktop 3D modeling  
**Example:** square or corner shape, round edge
  - b. Worktop texture/material mapping  
**Example:** granite

Rendering sample in 4 angles:



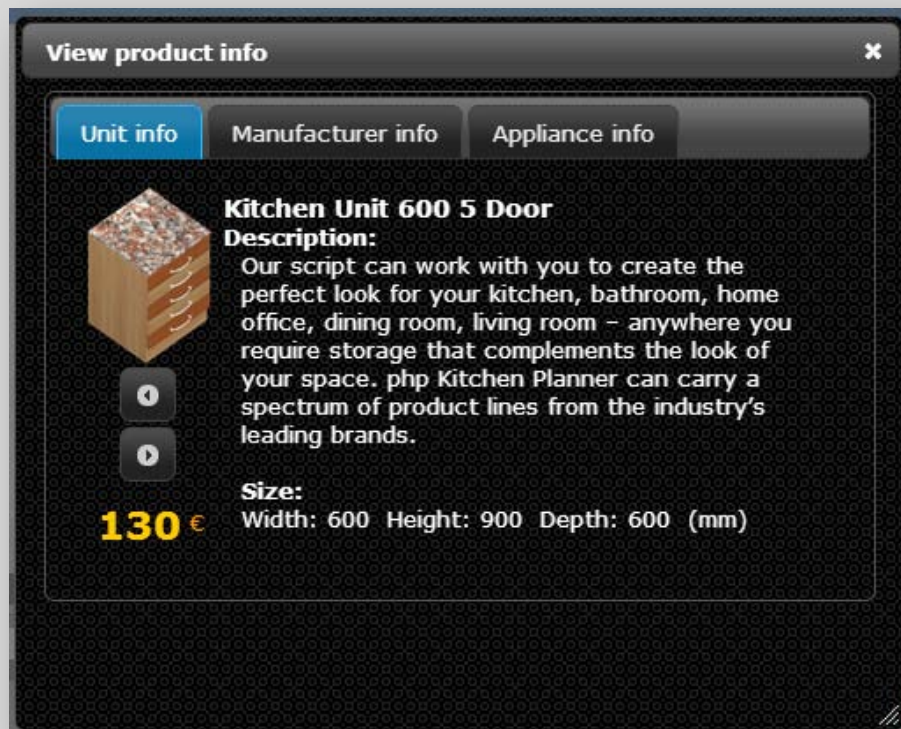
- **MySQL** information: title, description, price, category, thumbnails, etc.

For the above layers php Kitchen Planner will output on users viewport like in the below images:



Then for this unit you can add separately more textures, handles, worktops etc. depending on your product catalogue and what you request to upload into your database.

MySQL Information about the unit:



Please read the **manual** for more information on how you can add/update units in Admin area.

In order to render these layers they need first to be modeled and textured. Both editions contains predefined scenes included compatible with **3D Studio Max** and **Maya** modeling platforms from where we (or any other 3D artist) can start to model your catalogues.

