

Medicine Organizer

Team 7

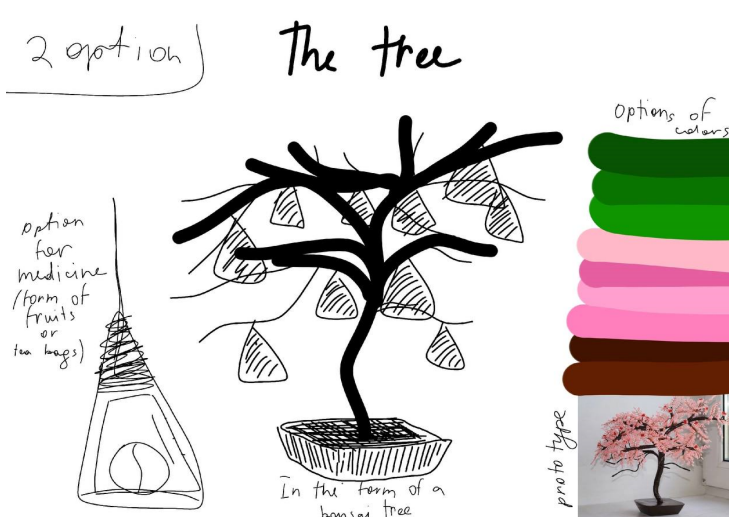
Background (The first part of the study)

In China, great importance is given to medicine: both modern and traditional. Since ancient times, healers have used herbs and various plants to treat various ailments. The storage of these «medicines» was also very important, entire halls were allocated for it. Older people often face problems related to medications. For example, it is difficult for them to figure out the exact dosage or the correct displacement of drugs. And this is not to mention the proper storage and preparation of medicines.

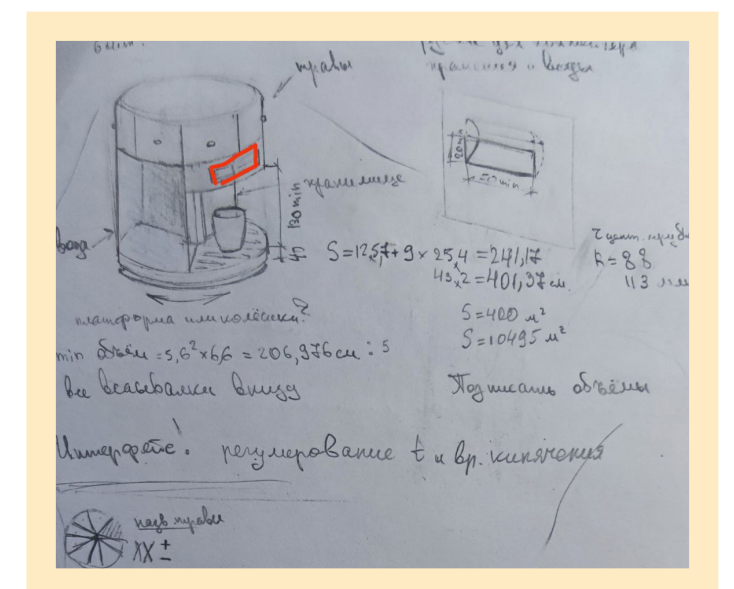


It is proposed to make some kind of organizer or a special machine where you can combine the solution of all the above problems. At the same time, it is important to combine technological functionality and the use of more traditional/simple materials. It is also important to consider the possible color scheme and different usage scenarios.

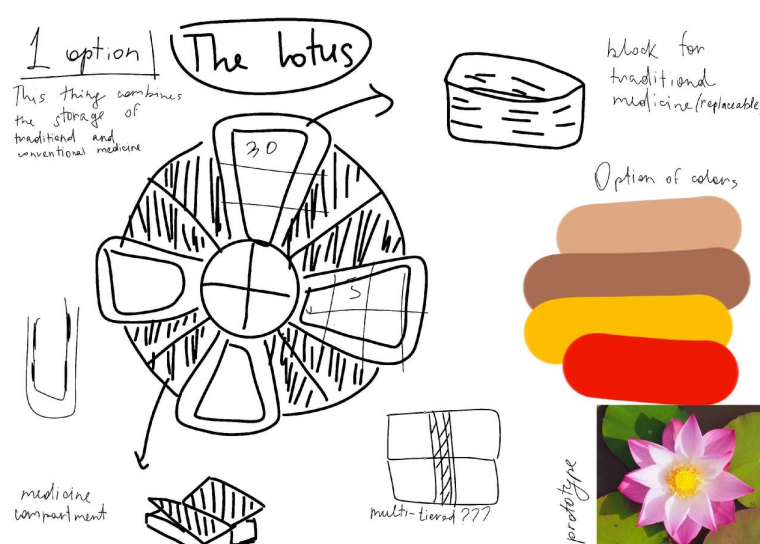
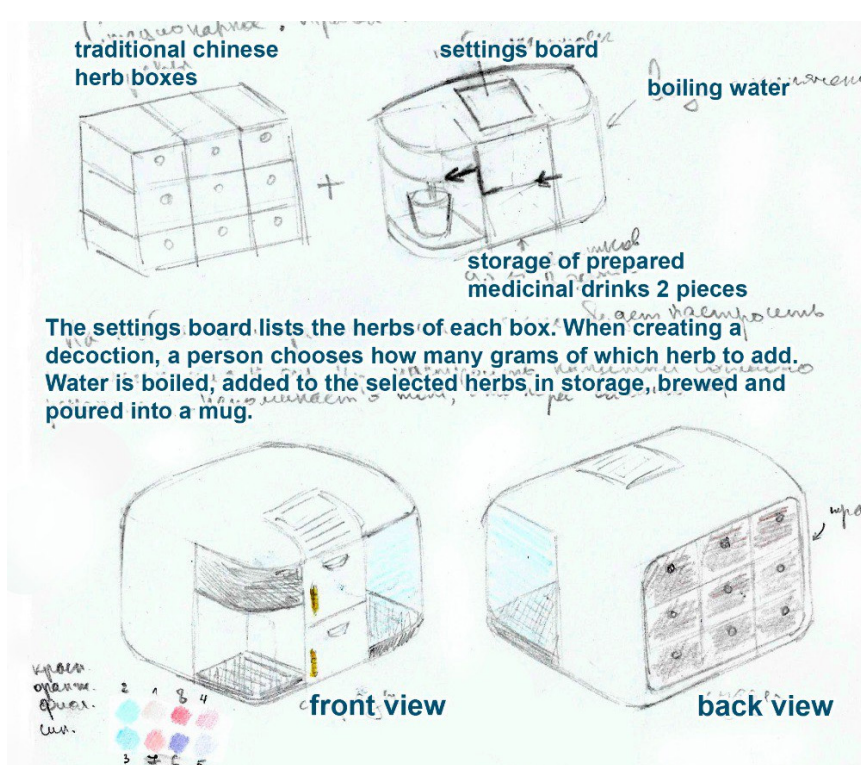
Product sketch development



The selected form



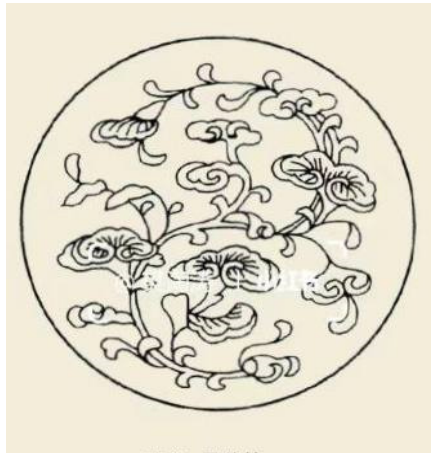
Product development took place in several key stages: from the search for a form to the selection of the necessary sections. At the same time, sketching took place both on paper and in electronic format. The final version, in the opinion of the performers, satisfies all the questions raised within the limits of the possible



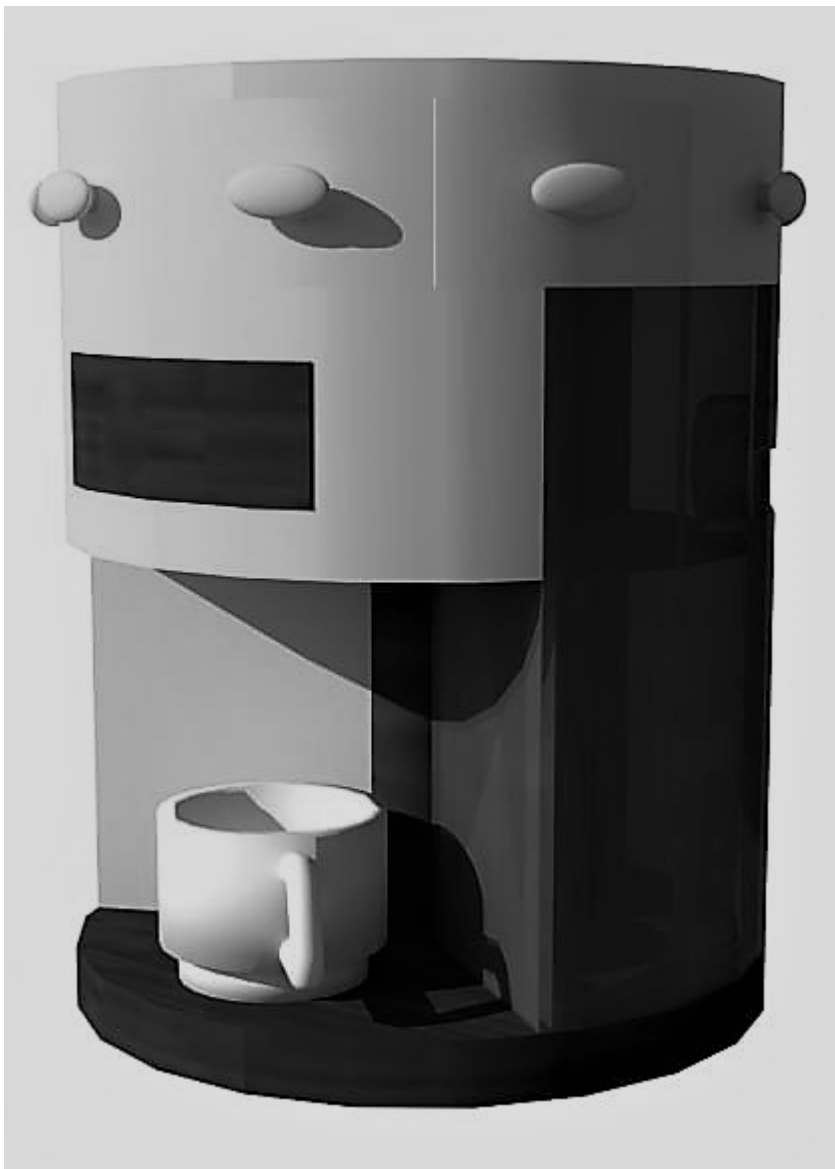
Medicine storage cabinet



Final design



This pattern should be depicted on the top (cover) of the device



Boxes for storing herbs /berries/ plants for brewing

Water compartment (it can also store large amounts of cooked broths)

There are also several convenient drawers and storage compartments on the water side

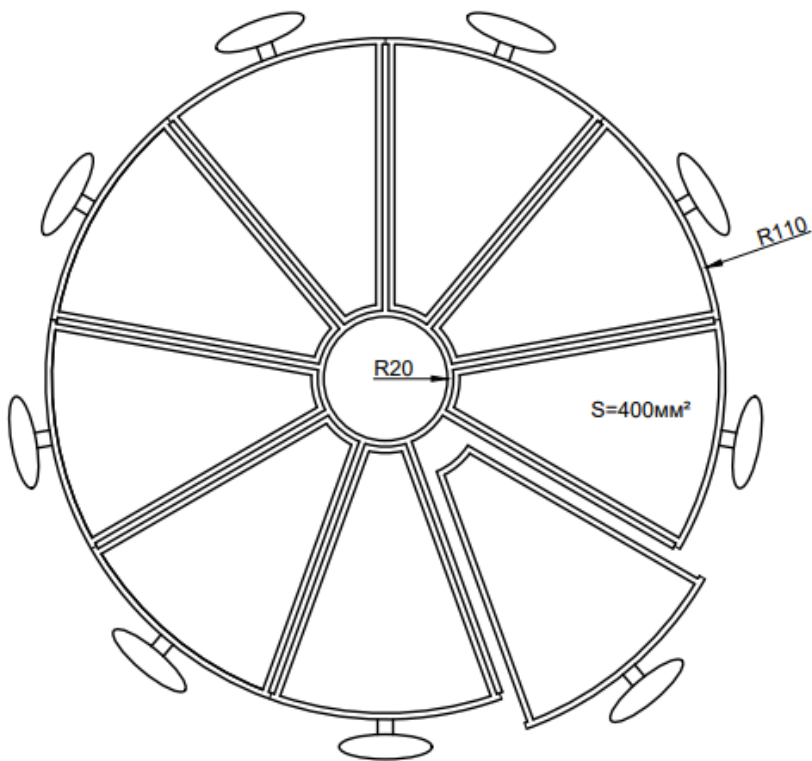
The indicator and the device control panel

Special drinking cup (can be included and purchased separately)

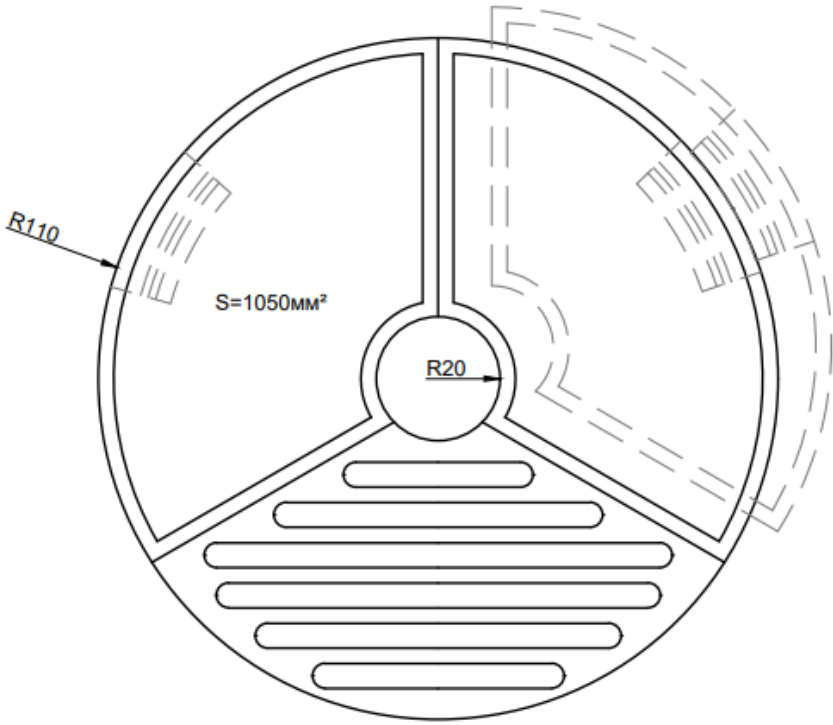
Dimensional drawing

M 1:4

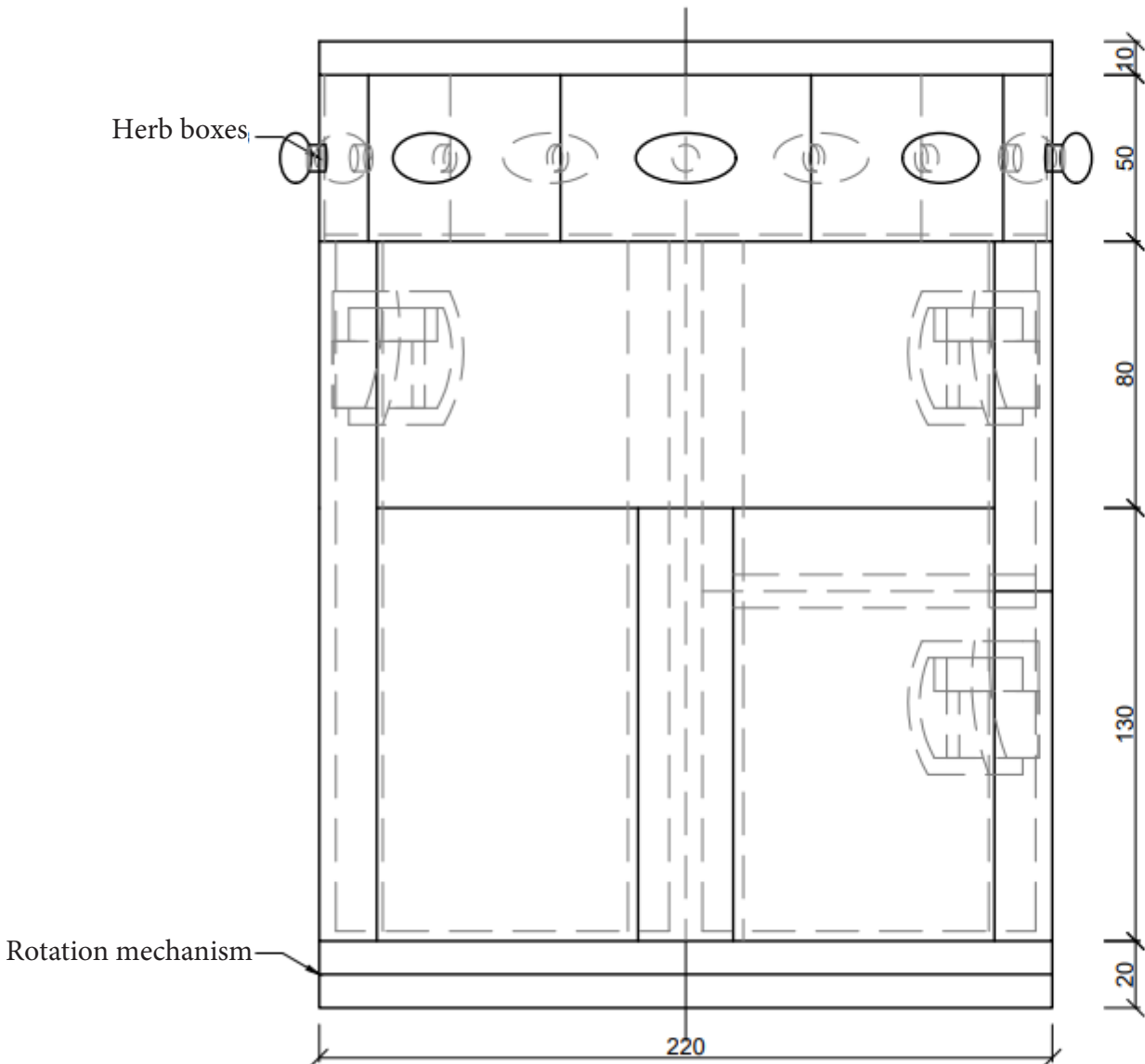
The plan of the upper floor with 9 boxes for herbs. The shelves can be pulled out. The material is metal with a width of 2 mm. The central district is a cylinder with pipes for the mechanism.



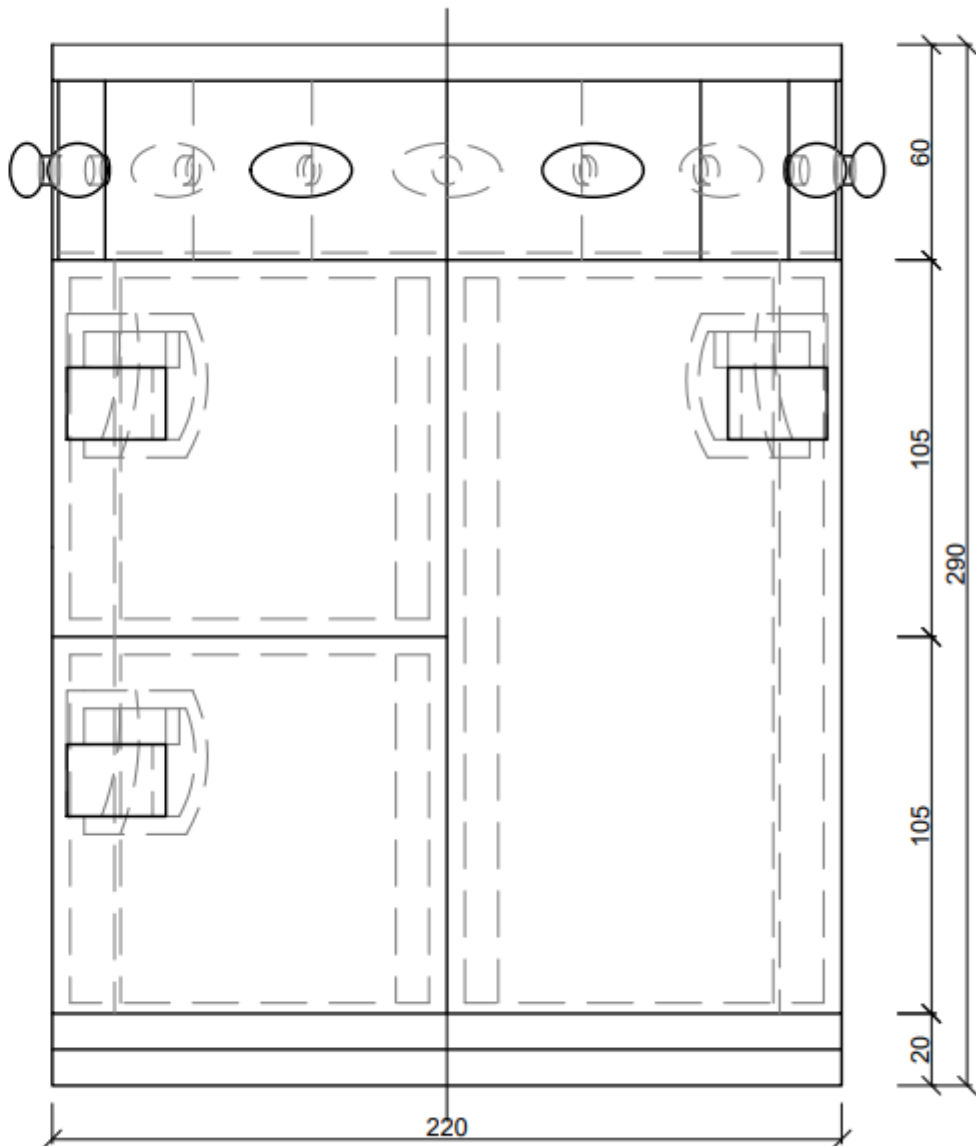
Plan of the middle-lower floor with three divisions (clockwise) -
- container with boiling for brewing a drink (can be pulled out)
- a place for a mug and a drain
- 2 containers for storing the prepared drink (can be pulled out)
The material is plastic with a width of 5 mm. The central district is a cylinder with pipes for the mechanism.



Front view (where the interface and pouring a drink into a mug)
The sizes 50-80-130 are selected according to the golden ratio numbers and meet the requirements of ergonomics

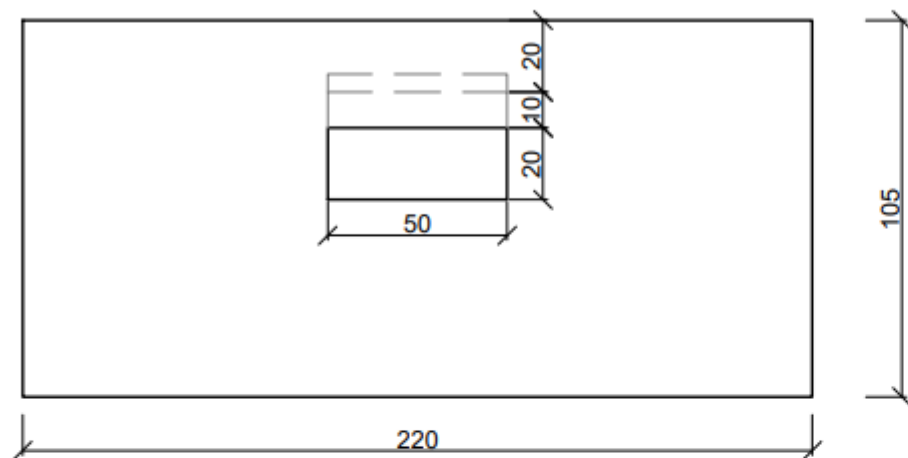


Rear view (on containers for storing ready-made drinks and a container for boiling water)

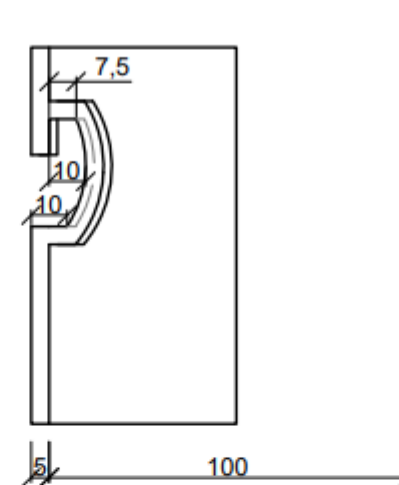


Approx. All dimensions are given in millimeters

Front view of the beverage storage box



Split view in the center of the box



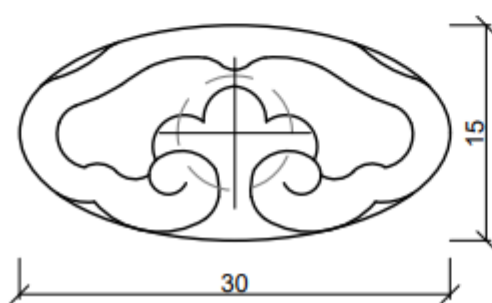
The central axis of rotation of the machine

Volume of herb shelves = 20 ml
Volume of beverage departments = 110 ml
Volume of boiling water department = 210 ml

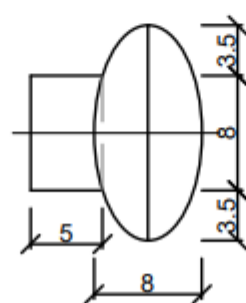
Handle of herb boxes

M 1:1

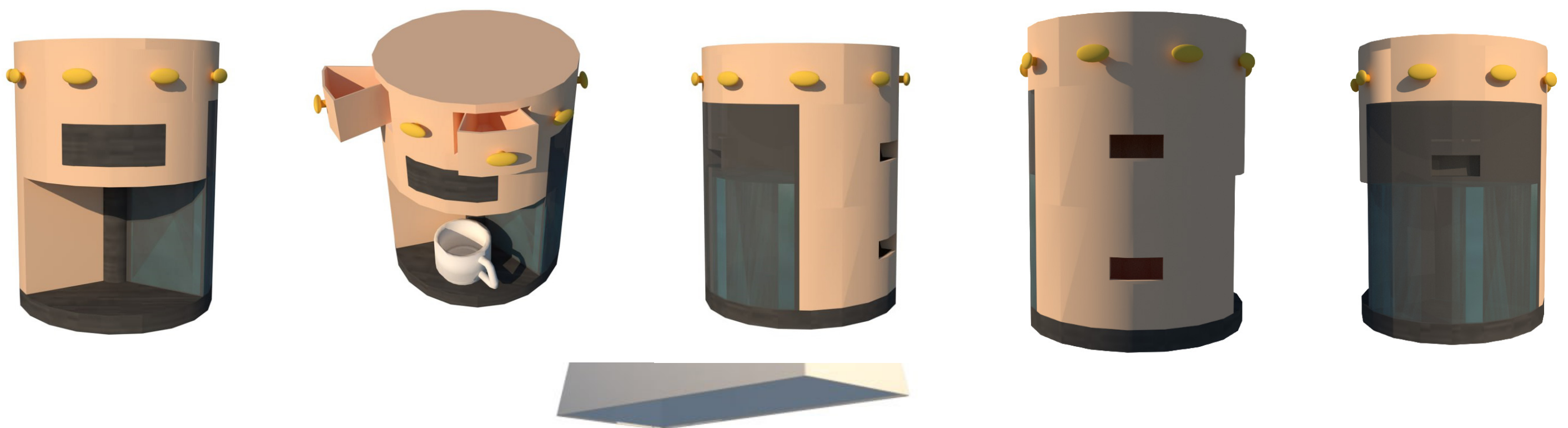
Front view



Side view



3D visualization and usage



Ordering and consulting: Team 15
Development and design: Team 7