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Doing your laundry in a simple and convenient way.

MIELE – your new friendly washing machine station

Specifications

Size: W=60cm; L=60cm; H=variable from 80cm up to 120cm

Weight: 20kg (without the accessories + fixation stones, in order to facilitate moving)
35kg (fully equipped and ready for washing)

Drum capacity: 15L

Material: stainless steel

Voltage: 220V

Color: white/grey (with black/red color variations for the logos)

Electronic part: the washing machine is equipped with an internal **mini computer**, including a **Wi-Fi adaptor** – information about current status of the washing machine are shown on the front **LCD display**.

On the right side of the **display**, the washing machine is equipped with a **touchpad** used to manually set up the washing program features like temperature, short/long wash, economy wash, wash + dry, different types of clothes, desired washing cycle etc.

The reason for this choice is simple: before arriving home from a long day at work, you can easily access your washing machine through **remote control**, from your smartphone, and start the desired washing cycle. You can also **schedule** it manually or through your **smartphone** to start your desired washing cycle at a predefined time. This way you will save a lot of time and you won't have to worry that you forgot to start your washing machine before you left somewhere.

Hardware part: As we lift the lid, we will notice **two containers** right in front of us. These are used for storing detergent for longer periods of time (no more bags and bottles of detergent thrown all over the place); the left container stores detergent for colored clothes, while the right container stores detergent for white ones.

The main part of the washing machine is the **modular drum** (can be removed through the back side of the washing machine). Despite the 'ordinary' look, the drum has a **bent clothes separator** in the middle (which **can be removed** if the washing machine is not fully loaded, or you have only one type of clothes to wash – white ones for example) making the whole drum look like the Yin Yang symbol. The main idea of this concept is to use the machine as a **laundry basket** from the start by sorting your dirty clothes instead of just throwing them into the bin and struggle to separate them afterwards. This separator also allows you to wash big amounts of **mixed types of clothes** (colored + white) at the same time, saving effort, power and water.

A possible **issue** with this concept would be the dispersion of the detergent in the right compartment. A possible solution would be adding **two additional trays** (smaller ones, for a one-time wash) on the walls of the drum, each tray on its own side of the compartment. Before the washing cycle, the integrated mini-computer will determine the amount of clothes in the drum and based on this it will draw as much detergent as it needs from the main detergent trays to each of the mini-trays of each compartment.

*Note: an **internal sensor** will force the drum to stop in a specific position in order to match the detergent type to each of the compartments.

On the **sides**, the washing machine has **two sliding doors** and **two drawers** below them. The sliding doors are hosting an **extendible clothes horse** (left side), and a **folding ironing board** + space for an iron (right side). The two drawers can be used for storing cleaned and freshly ironed clothes.

The back of the washing machine remained somewhat **classical**. There is a water supply plug, water evacuation, electrical wire and of course, the back cover used for maintenance and troubleshooting.

Below, in addition to the **retractable rubber feet** which are holding the washing machine steady, there are **four wheels**. These wheels come in handy if you wish to move the washing machine around your house, which can be easily done by retracting the rubber feet so that the washing machine will stand on the wheels.

Solution

We all know (yes, even men) the hustle of today's clothes washing cycle. The amount of space needed not only for the washing machine itself, but also for every other utensils needed in the washing process (ironing table, detergent, laundry basket, storage etc) was immense. My idea is to simplify the whole washing process, and incorporate all the things you usually need into the washing machine station. In this way, you won't have to go through every room, looking for your iron for example, and you will also save 90% more space which can be used for other purposes.

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Creative's profile



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Creative's top 5 skills

Graphic Design, Illustration, Product Design