

Proposal 1: Convertible Table

Description

The convertible table can be commuted into a kitchen cart using a simple and easy to use mechanism which extends the main surface. The product is designed to be easily transported given the use of lighter materials such as engineered wood and aluminum, which grant sturdiness to the table without compromising its stability.

This table can seat up to 8 people, allowing each guest to access dishes without needing to stand up. In addition to functionality, we have committed to developing a unique, original design that fits various home settings and meets space and comfort requirements.

Design Concept

Modular, Space-Saving Structure: Our table is designed to be extendable but also modular, being able to reduce its size by 20% thanks to the integrated slipping mechanism. This flexible structure grants not only safe and easy transport but also the possibility to store it in limited spaces.

In addition to that its elegant lines and chrome finishes give the table a refined appearance that integrates harmoniously into any kitchen environment.

Sustainable and Durable Materials: The choice of materials focuses on sustainability, sturdiness and easiness of use: engineered wood and aluminum ensure solidity, elegance, and long-lasting durability, while keeping the table economically accessible but also relatively light even with all the dishes on it.

Modular Compartments: To increase practicality and optimize space, the table is equipped with compartments located beneath the main surface. These adjustable shelves are designed to be able to store dishes of various dimensions but are also ideal for storing utensils, accessories, condiments, or even cleaning accessories, ensuring organization and convenience.

The drawers don't need any kind of mechanism to be extracted, they will just slip from beneath and align with the main surface. They are provided with blockages, and designed for silent and safe opening and closing, maintaining a clean and ergonomic design.

Structural Features

Capacity: Seats up to 8 people and holds up to 20 dishes.

Modular Design: Extendable and Convertible table surface for space-saving.

Adjustable Compartments: Spaces for dishes, utensils, condiments, and accessories.

Dimensions

Height: 90 cm

Length: 150 cm

Width: 60 cm

Hidden Compartments: 50 x 15 x 5 cm

Project Features

Locking pivotal wheels: While the focus remains on the accessibility and on the ergonomical aspect, we wanted to provide you with a simple but powerful way of moving the table-cart without compromising the stability, security or exterior design.

We came up with a practical solution represented by 4 pivotal wheels which allow practically anyone to move it freely until blocked. Its dimensions, materials and features have been designed with this intent in mind constantly.

Slipping Mechanism: Having prioritized accessibility and easiness of use over complexity and elegance, we designed a very simple way of extending the main surface.

Under the table there will be another surface which can be extracted only by pulling it, adding about 30cm for each side to the main surface. This not only allows more storage space but also the possibility of letting the table pass through doors while being closed.

Ergonomical handles: Placed on the shorter side of the table-car, these handles are designed to be easily moved not only by elderly women but also from child given the modest height.

Technical Features Summary

Ergonomic and Space-Saving Design: The extendable and foldable structure reduces the overall volume, making the table ideal for rooms of various sizes.

Modularity: The table is configured to adapt to any occasion, with hidden compartments and the ability to reduce its dimensions.

Pivotal wheels: This method not only provides the user with a cheap but safe solution to move the table, but also allows stability and robustness given the provided blockages.

High-Quality and sustainable Materials: The use of aluminum and engineered wood lends elegance and sturdiness, creating a modern yet natural aesthetic.

Decorative Details: Essential lines and chrome finishes complete the design, resulting in a table that merges functionality and beauty.

