

AURORA

Espresso Coffee Machine

A compact espresso machine designed for home users who seek professional performance, a premium aesthetic and a minimal countertop footprint.



Design Process

Problem

Most home espresso machines are either too bulky or lack the performance and aesthetic quality of professional machines.

Research

User interviews and competitor analysis revealed that users want compact size, fast heat-up time, easy cleaning and a premium look.

Sketches

Early sketches explored a compact rectangular body, front-facing digital control, short portafilter axis and removable tank access.

3D Renders

The selected concept was modeled with a brushed aluminum body, black side panels and a minimal circular digital interface.

Prototype

A functional appearance prototype was built to test proportions, interaction points and service access.

Final Product

Aurora combines a compact body, 15 bar pump, thermoblock heating system and removable 1.4L water tank.