EAGLE ONE

EAGLE ONE

Victoria Arduino

FUTURE BEGINS

Welcome to the new era
of espresso machine

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THE FUTURE OF SPECIALTY COFFEE

«I think the future of specialty coffee will see it continue to grow and spread around the world. Become more and more a normal part of people's everyday lives. That is not just a special treat, its just what coffee is for them now, especially younger generations."

James Hoffmann
Coffee Opinion Leader and Author

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Eagle One is born in response to the **new generation of coffee shops** where DESIGN, PERFORMANCE, and SUSTAINABILITY are determining factors to create a pleasant and memorable experience.

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TARGET

 COFFEE CHAINS

 SPECIALTY COFFEE SHOPS

 MICROROASTERS

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A NEW COFFEE MACHINE CONCEPT

London was the city that inspired the Eagle Onedevelopment. It is the city of James Hoffmann, consultant in the Eagle One project. In London many cafés have **small spaces** and they are **very careful with energy consumption.**

«Baristas need compact equipment, that is ergonomic and easy to use, but also capable of producing high volumes of very high quality drinks. That shouldn't come at the expense of energy efficiency though»

James Hoffmann
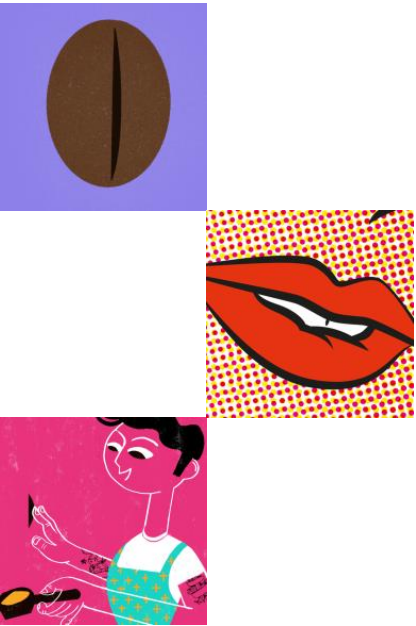Coffee Opinion Leader and Author

EAGLE ONE
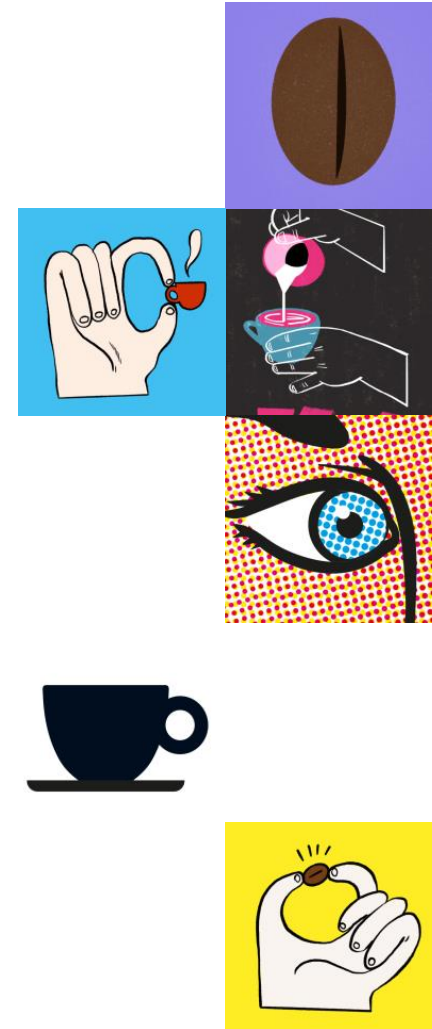
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MY PHILOSOPHY?
SUSTAINABLE.

A MORE ACCESSIBILE AND ECOLOGICAL MACHINE

Be part of the mood of the coffee shop, balancing

- **FUNCTIONALITY** - simplicity for comfort

- **AESTHETICS** - simplicity for pleasure

- **ETHICS** - simplicity for principles

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«What we are trying to do is to create **technologies that help you simply, ergonomically and repeatably make a great coffee,** deliver the temperature, deliver the water that you exactly need, as you need it, **in a way that is fun, easy and quick to use.**
That's the real goal».

James Hoffmann
Coffee Opinion Leader and Author

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HIGH TECHNOLOGY AND DETAIL-ORIENTED

MINIMAL ENVIRONMENTAL IMPACT new constructive design with less internal systems can maintain its high-performance level while reducing the environmental repercussions.

NEW MATERIALS

The boilers are made of steel and insulated with a unique material that guarantees extreme thermal insulation, avoiding heat dispersion.

T.E.R.S.

The patent pending system TERS (Thermal Energy Recovery System), uses the discharged water to pre-heat the incoming water through a recycling method, thus minimizing wastes.
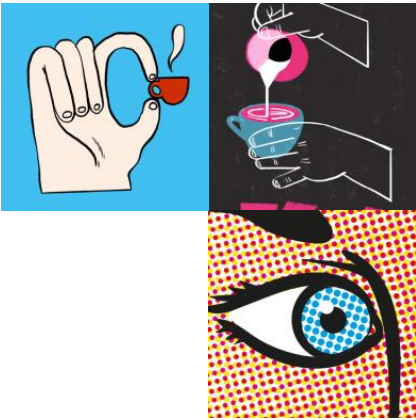
ENERGY OPTIMIZATION the new engine with NEO (New Engine Optimization) guarantees high performance while reducing the energy consumption of the machine.

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ONE

NEW ENGINE OPTIMIZATION

Only the energy needed, instantly and when requested.

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New heating system for optimal extraction

The goal of NEO technology focuses on **how we heat water for brewing espresso.** We know that we must have a consistent temperature for espresso to have the consistency of taste.

NEO is much more focused on heating water right before we need to use it. It's heated up to just about brew temperature, just before it enters the brew group, and at that point, the brew group only maintains the temperature. Here it's about heating the water just before it enters the brewing group, and then it makes the espresso.

Doing this, we can heat the water to pretty much brew temperature and have the mass of the brew group just kind of finish off, refine that temperature to be precisely where we need it, right before it hits the coffee.

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LESS IS MORE

New technology, fewer emissions, less environmental impact

The NEO engine uses an instant heating system allowing only the necessary amount of water for the extraction to be heated, thus using **LESS AMOUNT OF WATER AND BOILERS OPTIMIZATION.**

Productivity and performance remain constant, while **energy efficiency increases.**

NEO

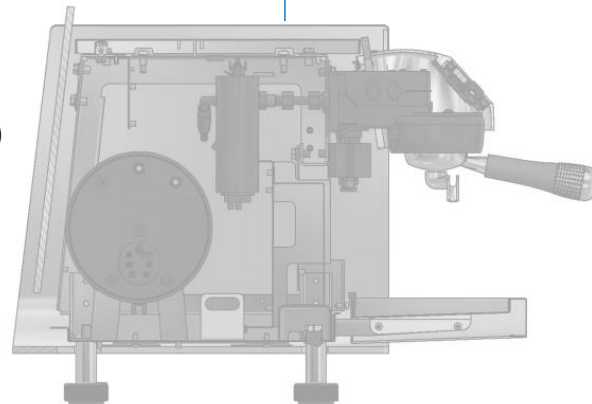Barista can set 1 temperature for each group. The machine does the rest.

Brewing Module
Power: 900W
Range: 80-105ºC

Steam Module
Capacity: 7lt
Power: 3000W (2gr) – 3600W(3gr)
Range: 0,8-3 bar (2,1 bar suggested)
Material: Stainless steel
Regulation: Digital pressure gauge

POWER

5000W (2gr)
6500W (3gr)

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LESS IS MORE

New technology, fewer emissions, less environmental impact
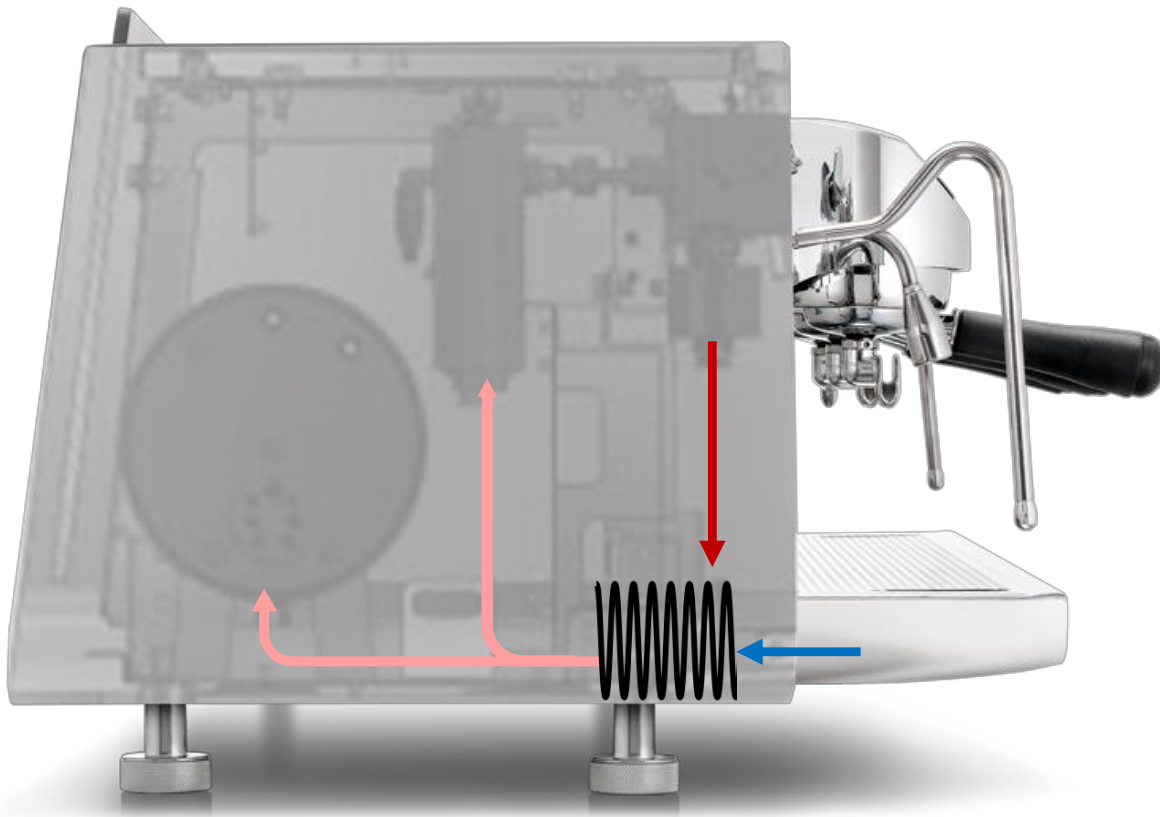
T.E.R.S.

The new patent pending technology T.E.R.S. (The Temperature Energy Recovery System) uses the discharged water to pre-heat the incoming water. The result is an **8% saving on total machine consumption.**
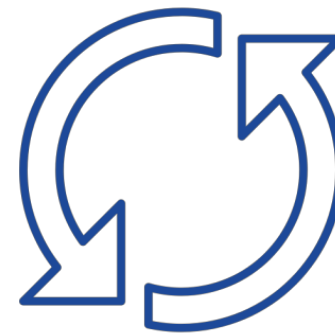
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LESS IS MORE

New technology, fewer emissions, less environmental impact

The machine is more compact. The NEO technology, the thermal insulation and the size reduction of the single components, helped to save energy and to limit the environmental impact substantially.

The **Life Cycle Assessment** demonstrated how the Eagle One had a 23% less environmental impact concerning the same category machine.

-35%*
ENERGY SAVING

*compared to the same category machine

-23%*
CO₂ EMISSIONS

*compared to the same category machine
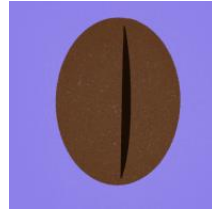
Life Cycle Assessment is a structured and standardized method used worldwide that quantifies the potential impacts on the environment and human health associated with the use of a product, starting with respecting resources and emissions.

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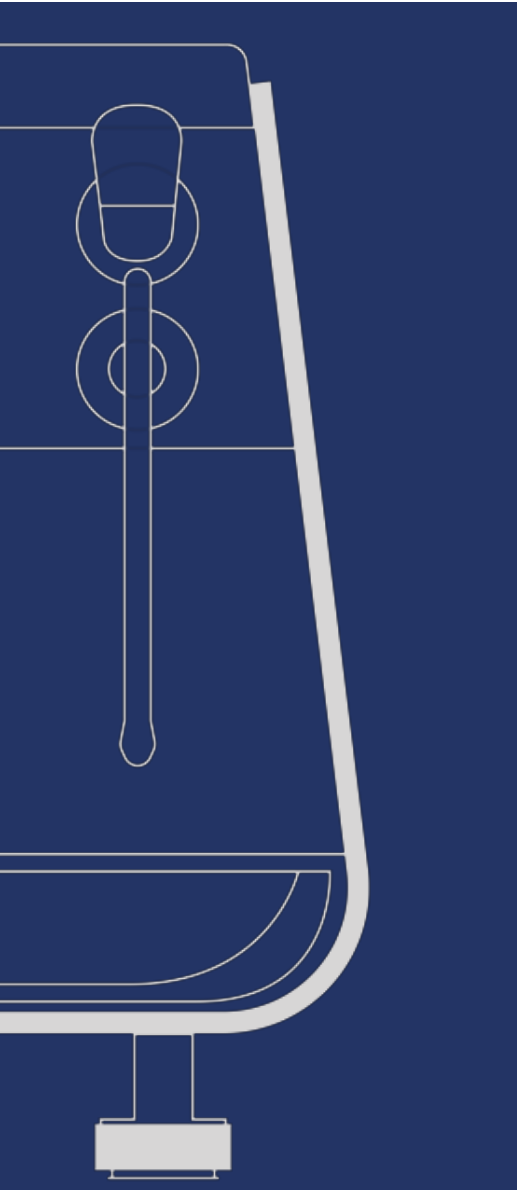
STEAM

Simple and quick way to froth milk

Steam electronic control

Ergonomic steam lever

Less maintenance

More precision

Cool touch steam wand

New steam wand design

Prevent burns

Even more easy to use
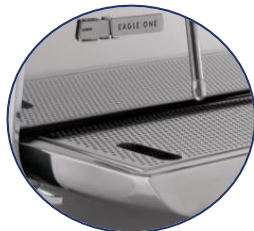
Steam wand designated position

Easy cleaning

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STEAM

How it works

EASYCREAM | **MANUAL STEAM**

UP TO 4 DIFFERENT SETTINGS

PURGE
Activation and deactivation of the through pressure.

EASYCREAM SETTING 1
Final temperature
Delay
Air temperature

OPENING
Activation and deactivation of the solenoid valve through pressure. Maximum time 2 minutes

EASYCREAM SETTING 2
Final temperature
Delay
Air temperature

HOT WATER
Two settings for two different amount of hot water

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EASYCREAM

PROBLEM
LOW SKILLED BARISTA
DELIVERY LOT OF CAPPUCCINO

SOLUTION
AUTO-STEAMER WITH AIR-STEAM COMPRESSOR
ADJUSTABLE TEMPERATURE PROBE
VORTEX GENERATOR NOZZLE

BENEFITS
CONSISTENT HIGH-QUALITY FROTH
FLEXIBLE TO PREPARE DIFFERENT FROTH
FASTER SERVING

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2 bar STEAM PRODUCTION

PROBLEM
STEAM QUALITY IMPROVING (1.2 bar)

SOLUTION
WORKING PRESSURE INCREASE

BENEFITS
HEATING HIGH-VOLUME MILK IN LESS TIME
DRY STEAM FOR A BETTER QUALITY FROTH

EAGLE ONE

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GROUP

Better quality and even more easy to use and to maintain
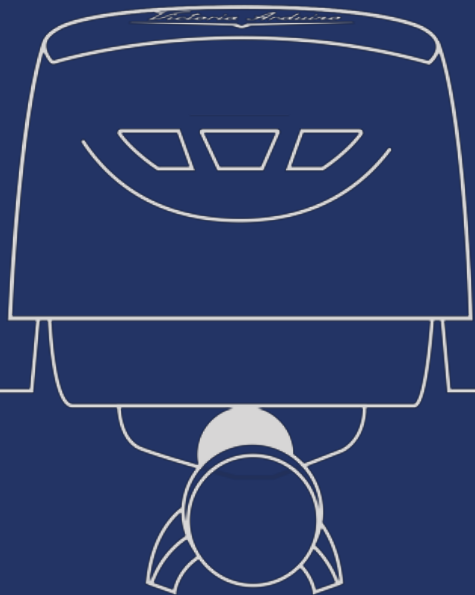
Ghost display
3 different programmable buttons

Better interaction with barista workflow

Stainless steel shower rinforced

Stainless steel diffuser

Autopurge

SmartWater technology
optional

Easy maintenance

Better quality

Standard group height (105mm)

Spot led   optional

Ergonomic solutions

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SMART WATER TECHNOLOGY

PROBLEM
WATER IS RESPONSIBLE FOR 50-70% OF RELIABILITY ISSUES

SOLUTION
INLET WATER CONTROL

BENEFITS
MACHINE PROTECTION
REDUCING MAINTENANCE
GUARANTEEING A CONSTANT QUALITY OF COFFEE

EAGLE ONE

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AUTOPURGE

PROBLEM
MANUAL PURGING SLOW DOWN THE BARISTA WORKFLOW

SOLUTION
AUTOMATIC PURGING

BENEFITS
ALLOWS THE BARISTA TO BE FOCUS ON A BETTER CUSTOMER EXPERIENCE
ALLOWS TO SAVE WATER

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MATERIALS

Made in aluminium and stainless steel

STAINLESS STEEL
Front panel
Lower back panel
Extractable drip tray
Full gel cupwarmer

ALUMINIUM
Profile
Back panel
Front side group head
Steam wand lever
Eagle

OPTIONALS

Full gel cupwarmer

Easycream

Rear and front spot led

Smart Water Technology

Raised feet

CUPWARMER

Dimensions
366x667mm (2gr)
336x897mm (3gr)

Power
400W (2gr)
500W (3gr)

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DISPLAY

Better user-experience

With the *Display Touch (2.8")*, it's possible to modify the settings even with the mobile APP. Available functions: recipes, buttons and display, power and temperature management, dose programs, machine cleaning and maintenance.

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DISPLAY | HOME

Group cover

Menu

Temperatures

Brewing time

Easycream

Pressure

Connection

A simplification of the group keyboard and the adding of a display to check machine information. It allows significant control of the extraction.

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DISPLAY | MENU

- **MYCOFFEE**
- KEYS AND DISPLAY
- POWER MANAGEMENT
- HOTWATER DOSE
- MACHINE CLEANING
- TEMPERATURES
- COUNTERS
- TECHNICAL SETTINGS

SETTINGS

Mycoffee
Keys and display
Power management
Hot Water Dose

SETTINGS

Machine cleaning
Temperatures
Counters
Maintenance

EAGLE ONE

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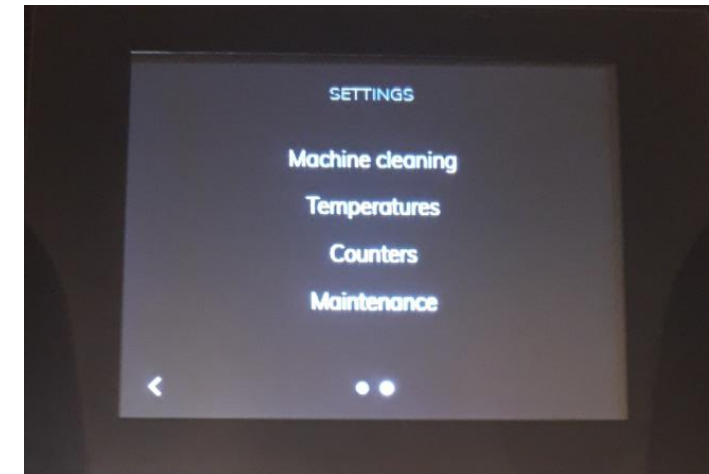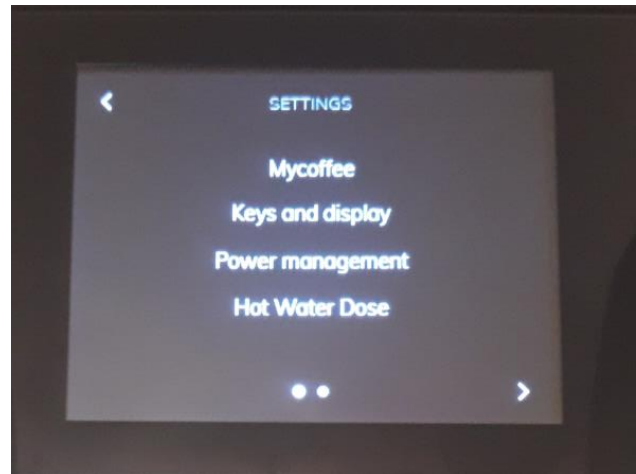
DISPLAY | MENU

- **MYCOFFEE**
- KEYS AND DISPLAY
- POWER MANAGEMENT
- HOTWATER DOSE
- MACHINE CLEANING
- TEMPERATURES
- COUNTERS
- TECHNICAL SETTINGS

CONFIGURATION

1. ONE TEMPERATURE
2. DOSE PROGRAMMING
3. PREWETTING
4. STEAM – EASYCREAM
5. NAME
6. SAVING & RECIPES ACTIVATION
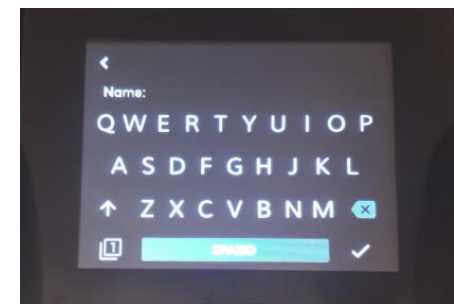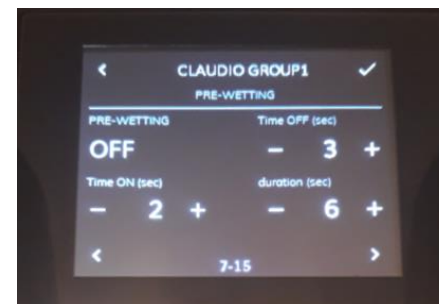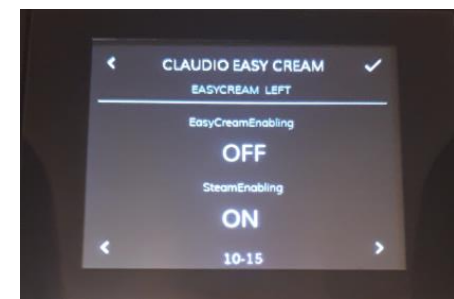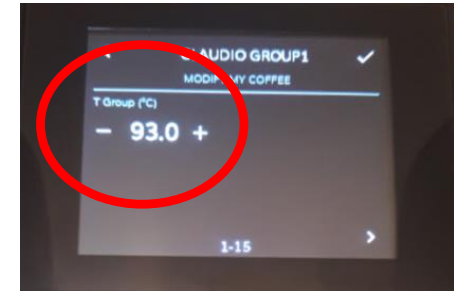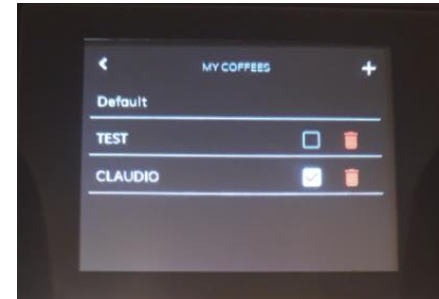
EAGLE ONE

DISPLAY | MENU

- MYCOFFEE
- **KEYS AND DISPLAY**
- POWER MANAGEMENT
- HOTWATER DOSE
- MACHINE CLEANING
- TEMPERATURES
- COUNTERS
- TECHNICAL SETTINGS

POSSIBILITY TO MANAGE TEMPERATURE AND BREWING TIME INDIPENDENTLY:

1. TEMPERATURE DISPLAY 2,8''
2. BREWING TIME ON MACHINE DISPLAY
3. BREWING TIME ON GROUP DISPLAY
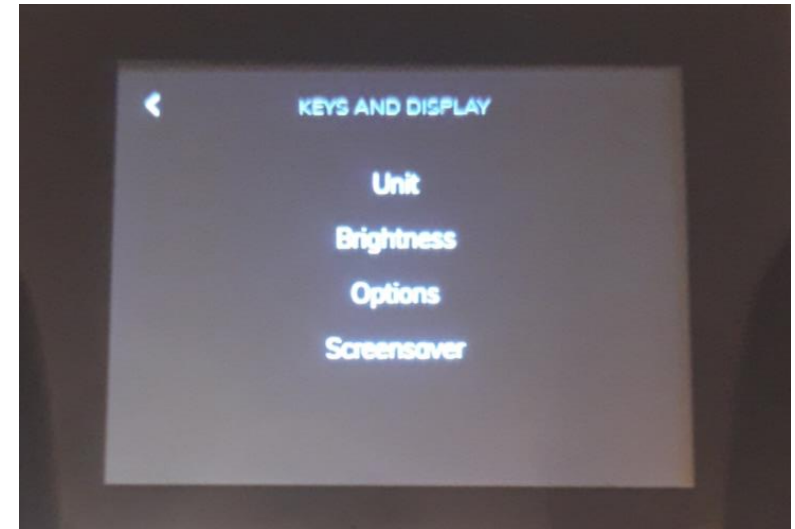
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DISPLAY | MENU

- TOTAL BEVERAGES
- TOTAL BEVERAGES FOR EACH GROUP
- COUNTERS SINGLE BEVERAGE
- COUNTERS STEAM
- COUNTERS HOT WATER
- COUNTERS TOTAL LITERS

EAGLE ONE

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DISPLAY | MENU

- MYCOFFEE
- KEYS AND DISPLAY
- POWER MANAGMENT
- HOTWATER DOSE
- MACHINE CLEANING
- TEMPERATURES
- COUNTERS
- **TECHNICAL SETTINGS**

- EACH COMPONENT FUNCTIONAL TEST
- MACHINE CONFIGURATION
- AUTOLEVEL
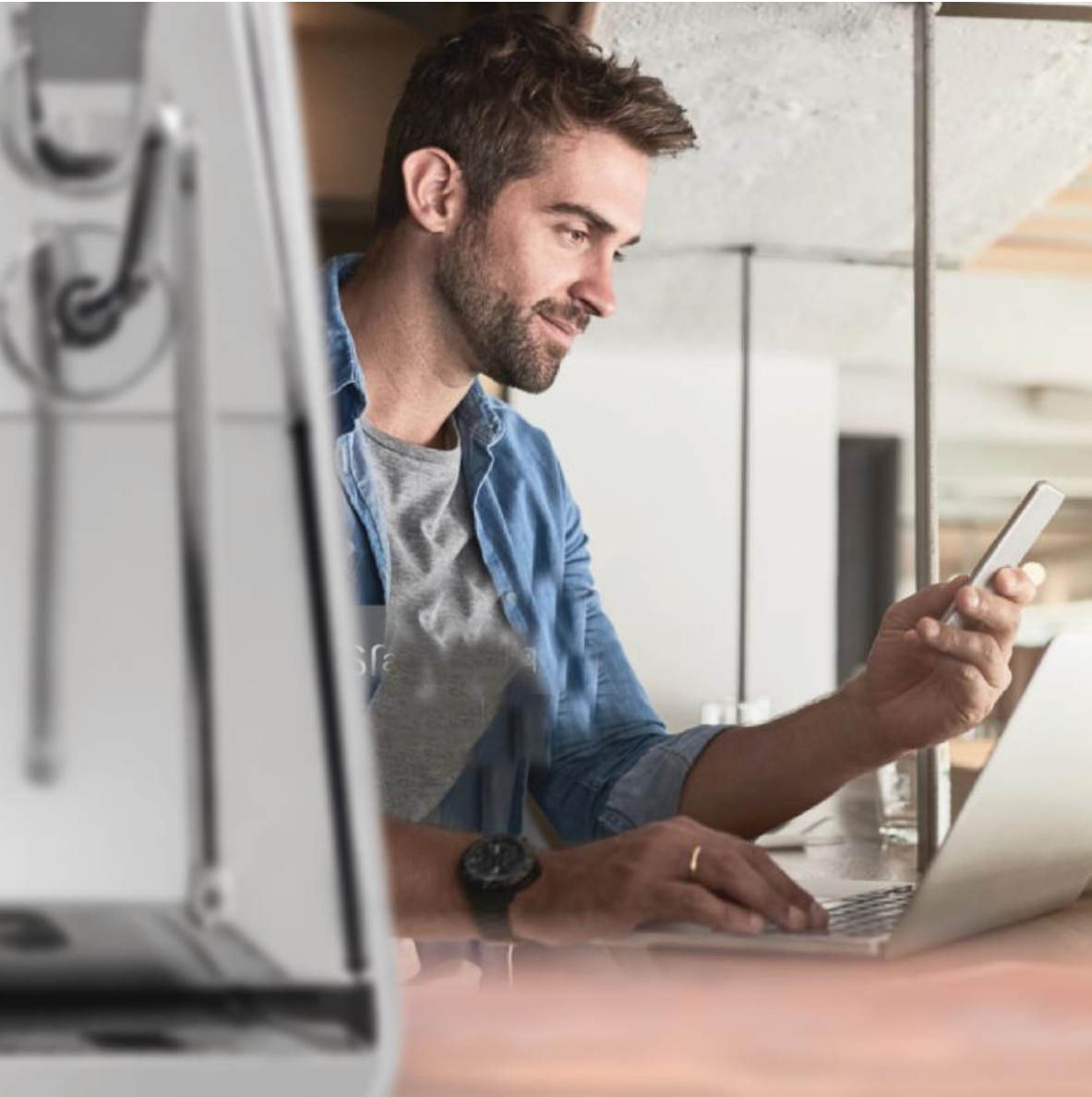- PROBE SENSIBILITY
- MAINTENANCE
- ALARMS
- OPTIONAL

EAGLE ONE

Victoria Arduino
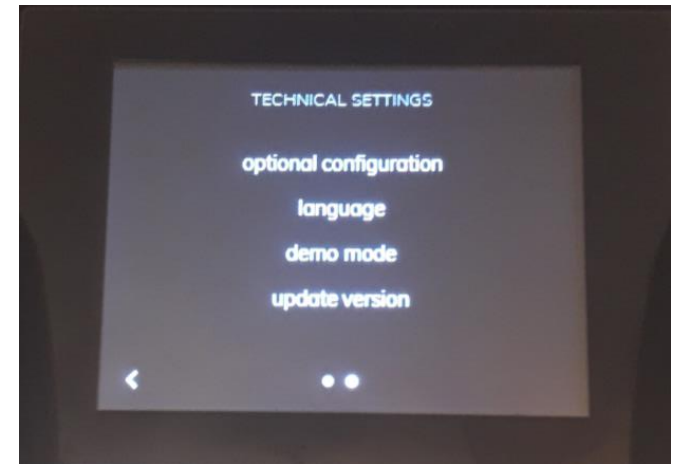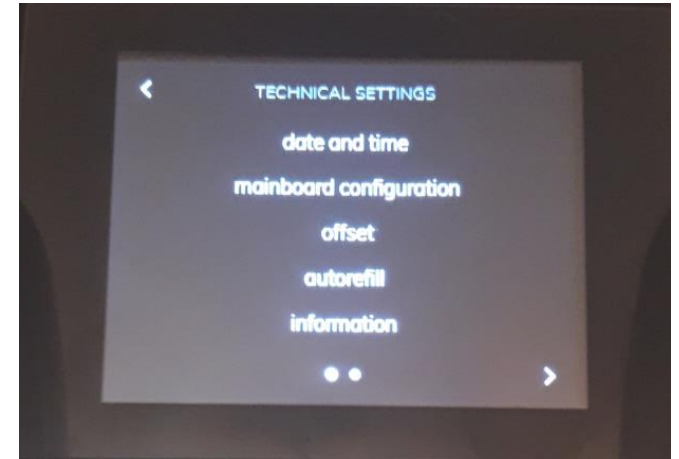
DISPLAY | CONNECTION

- MYCOFFEE
- KEYS AND DISPLAY
- POWER MANAGMENT
- HOTWATER DOSE
- MACHINE CLEANING
- TEMPERATURES
- COUNTERS
- TECHNICAL SETTINGS

- MY RECIPE
- MACHINE SETTING
- BREWING DIAGRAM
- BREWING QUALITY
- RECIPE AND BREWING DIAGRAM SHARING
- ALARMS

EAGLE ONE connected with BT

EAGLE ONE
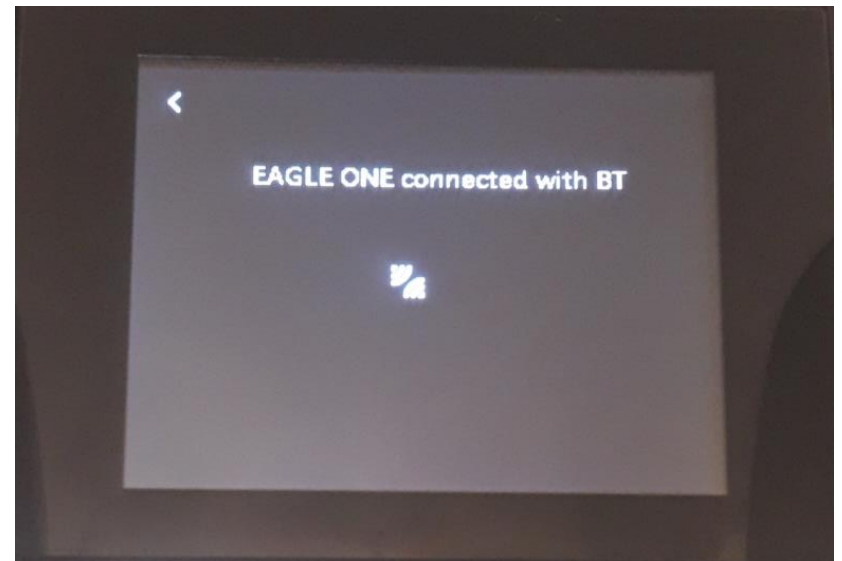
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Sharing is the greatest innovation

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MY VICTORIA ARDUINO
New app to share recipes and tell stories

An app for smartphone and tablet thought for new generation coffee shops and baristas that enjoy sharing experiences and information.
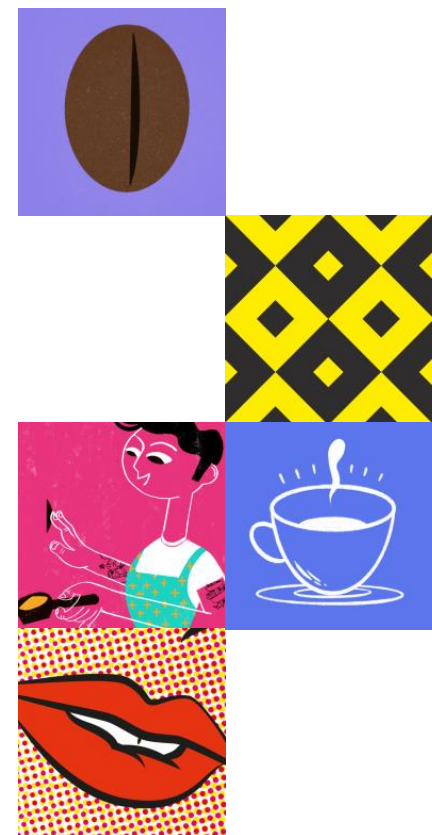
It connects with Bluetooth and allows the user to create and share information and recipes about milk and coffee with all the other "Eagle-oners."

For coffee shops, the app "My Victoria Arduino" allows to connect more than one machine to keep track and modify their settings without interrupting the baristas workflow.

EAGLE ONE

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MY VICTORIA ARDUINO

New app to share recipes and tell stories

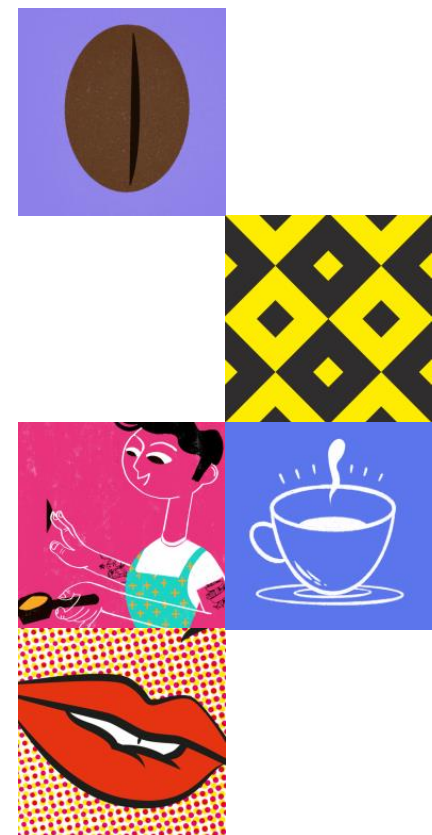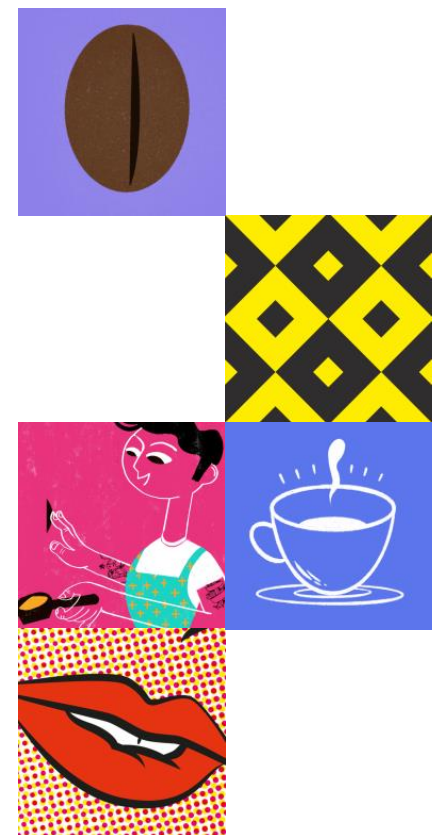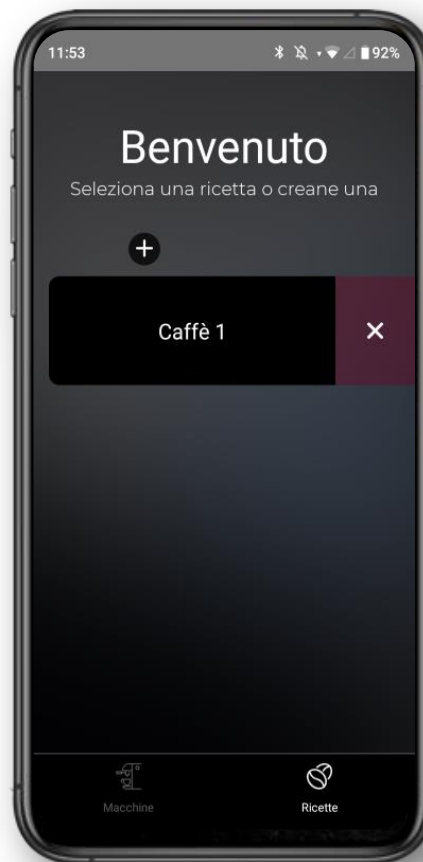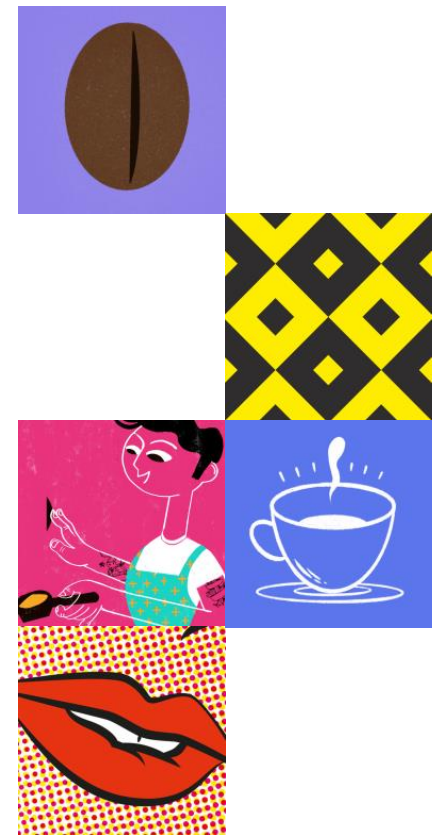EAGLE ONE

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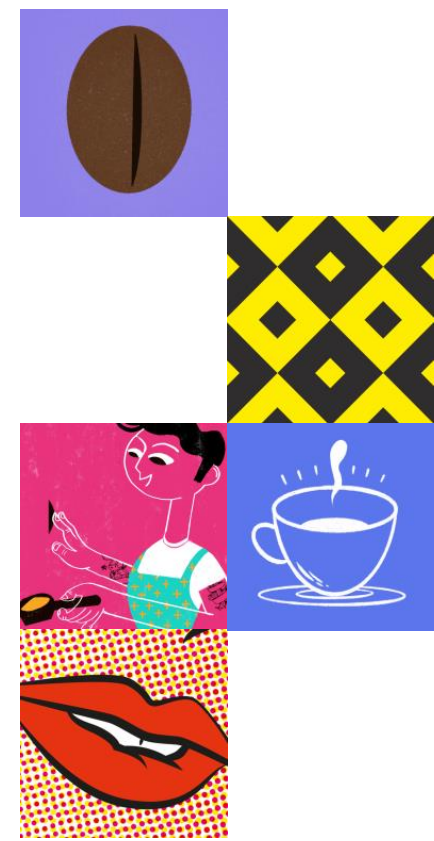
MY VICTORIA ARDUINO
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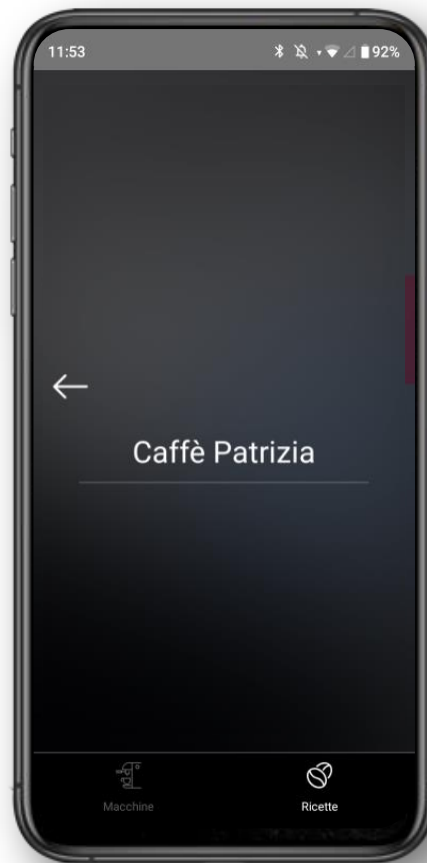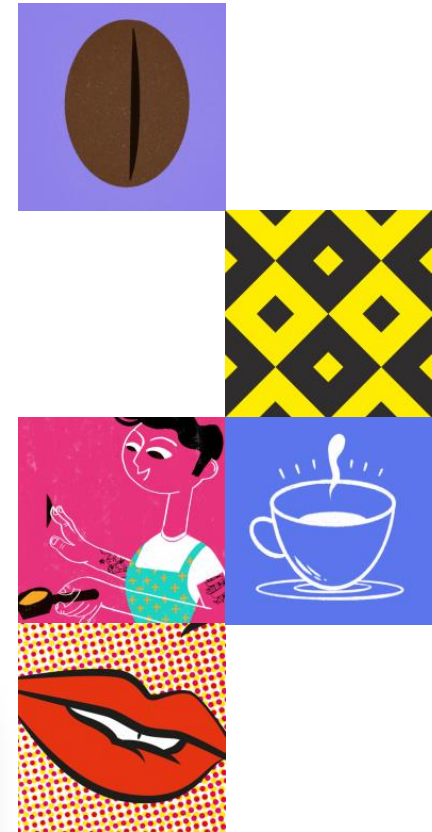
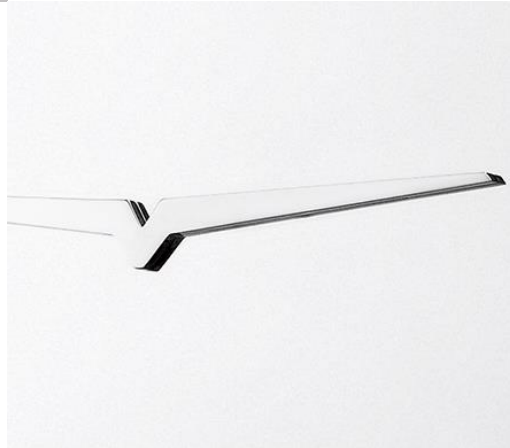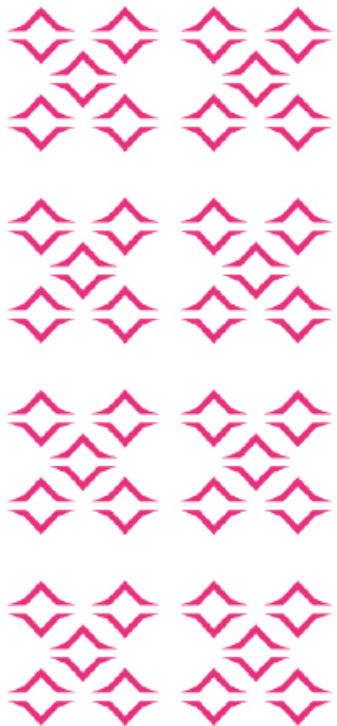# MY VICTORIA ARDUINO
New app to share recipes and tell stories

MY VICTORIA ARDUINO

New app to share recipes and tell stories

MY VICTORIA ARDUINO

New app to share recipes and tell stories

DESIGN AND SIMPLICITY

Minimal, simple, and sophisticated design adaptable to different styles and layouts.

For the shape of the Eagle One, Victoria Arduino was not only inspired by its impressive history, but also concentrating on the needs of the new era coffee shops that require compact, efficient, and sustainable machines while expressing personality.

Victoria Arduino

"Big innovation in
a compact space:
this is Eagle One"

Lauro Fioretti,
Victoria Arduino Product Manager

EAGLE ONE

576mm

437mm

988mm (3gr)
758mm (2 gr)

Victoria Arduino

I AM ONE

Color and materials to make a UNIQUE EAGLE ONE

I can be how you want

Minimal, simple, and sophisticated design adaptable to different styles and layouts.

For the shape of the Eagle One, Victoria Arduino was not only inspired by its impressive history, but also concentrating on the needs of the new era coffee shops that require compact, efficient, and sustainable machines while expressing personality.

PROFILE

BACK PANEL

ROCK GRAY
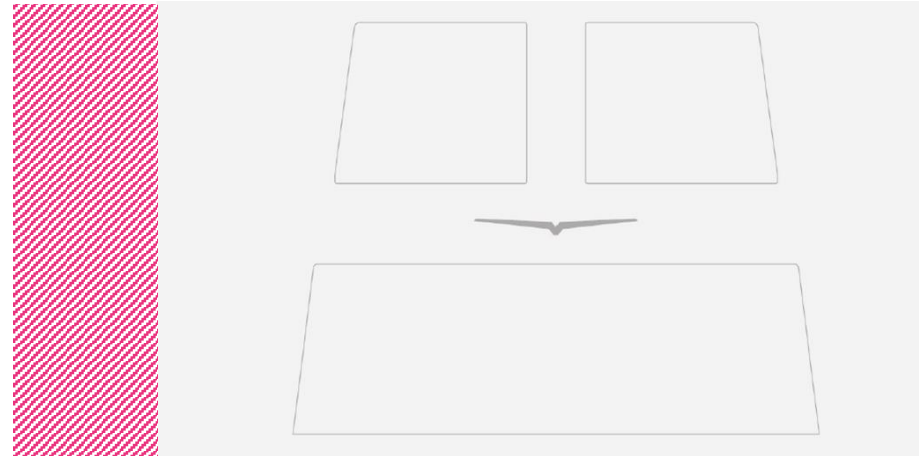
WOOD

EAGLE ONE

An author's touch, a mark of excellence

Famous architect **Giulio Cappellini** signed a **special version of the Eagle One** coffee machine.
For the new look, the international ambassador of excellence and Italian design used **wooden recycled materials, dipped in an ecological resin, and then completely polished.** The exclusive **'Cappellini blue'** tints the side panels of the machine.

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