

carthego



 **Saeco**

www.carthego.com

Carthego

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Carthego: *The beginning*

The French scientist and philosopher Descartes (René Descartes, 1596-1650) published his “Discourse on the Method” in Leiden in 1637. Written in a clear and simple way, in vernacular so that “it can be understood everywhere”, this work departed from the world of tradition and traced a new path for philosophy: the Cartesian method, the method that uses deductive mathematical reasoning in the search for truth, based on the rule of reason and on the validity of the “cogito” principle.

carthego

*Today, Saeco takes inspiration from the Cartesian method to launch an innovative product that shall revolutionise the vending world: **Carthego**.*

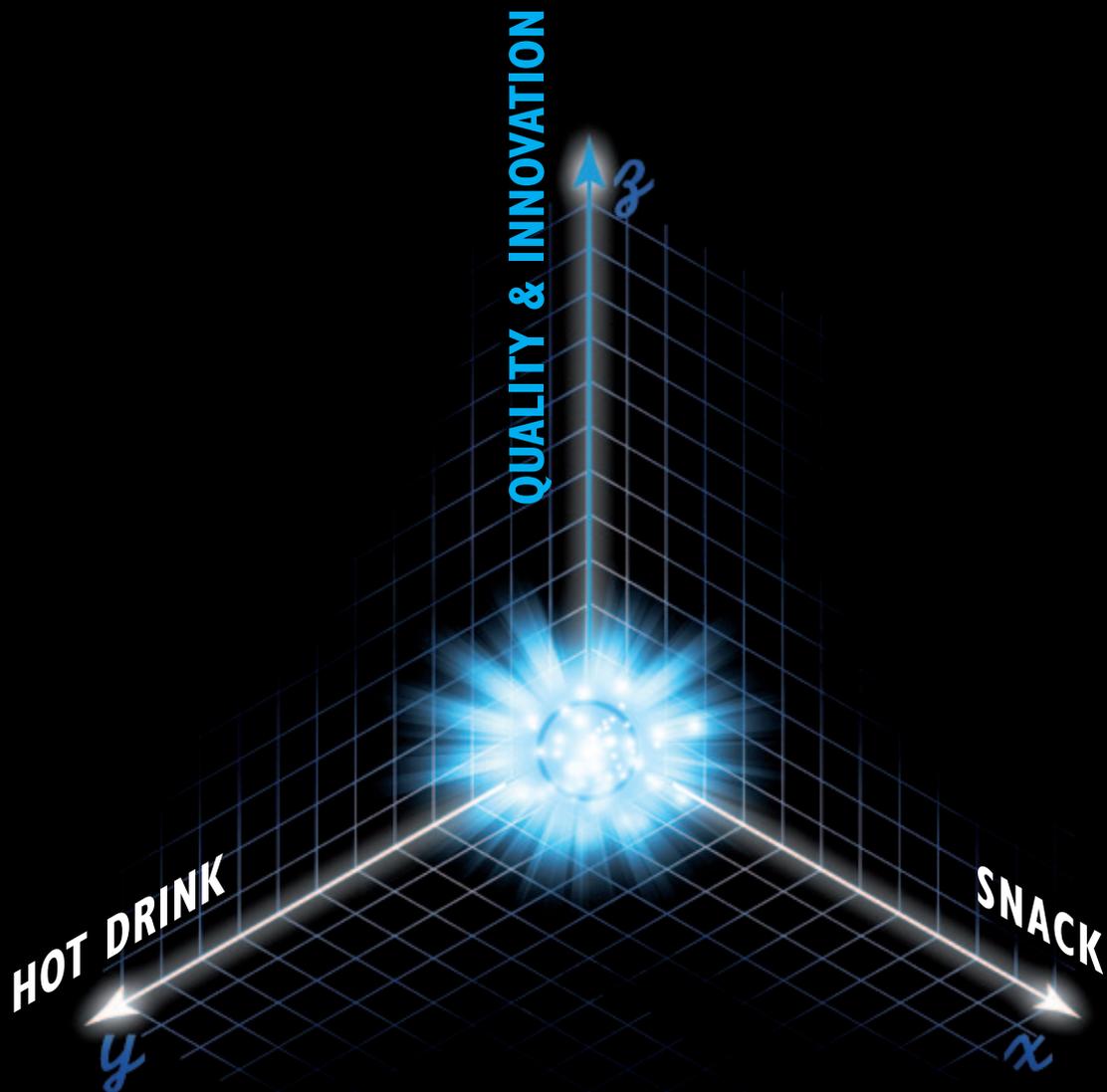
Carthego is inspired by rationality, clarity and simplicity.

Carthego comprises the best of all existing technologies: it is intelligence applied to Distribution.



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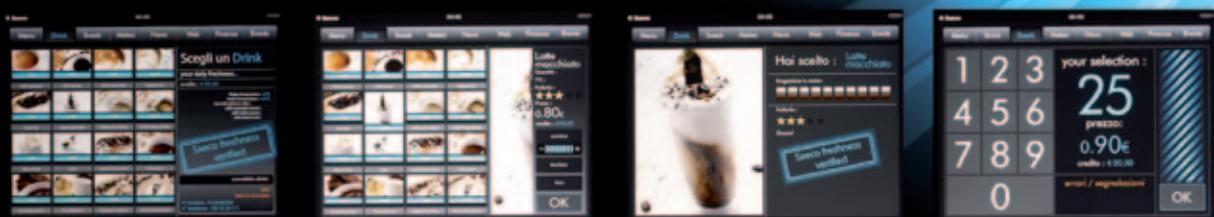
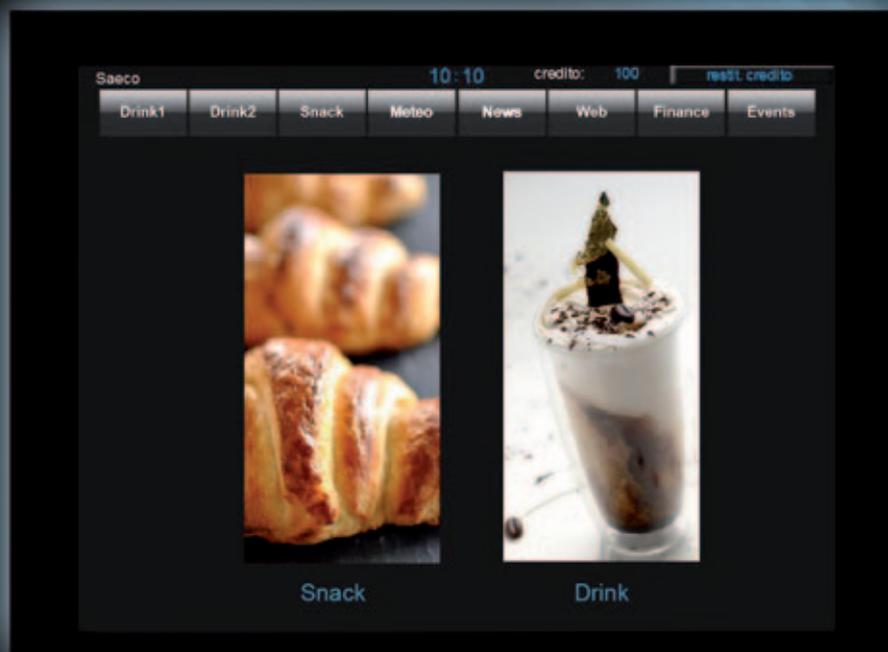
Carthego: Touch Screen



The touch screen represents the latest innovation, a must-have, in line with the latest market trends, a technology that is spreading rapidly.

Saeco adopted it convinced that the forthcoming machines shall need to be interactive, so as to be able to connect with the internet. Taking your coffee break in front of a vending machine that allows you to read the news or check your e-mail account shall become a commonplace feature, in a few years.

The machine shall be able to communicate with the user in the easiest possible way. It shall be a young and smart, easy to use product.



The Touch Screen renews the use of the machine, a single touch is immediately translated into action while the display attracts the consumer's attention with pictures or videos.

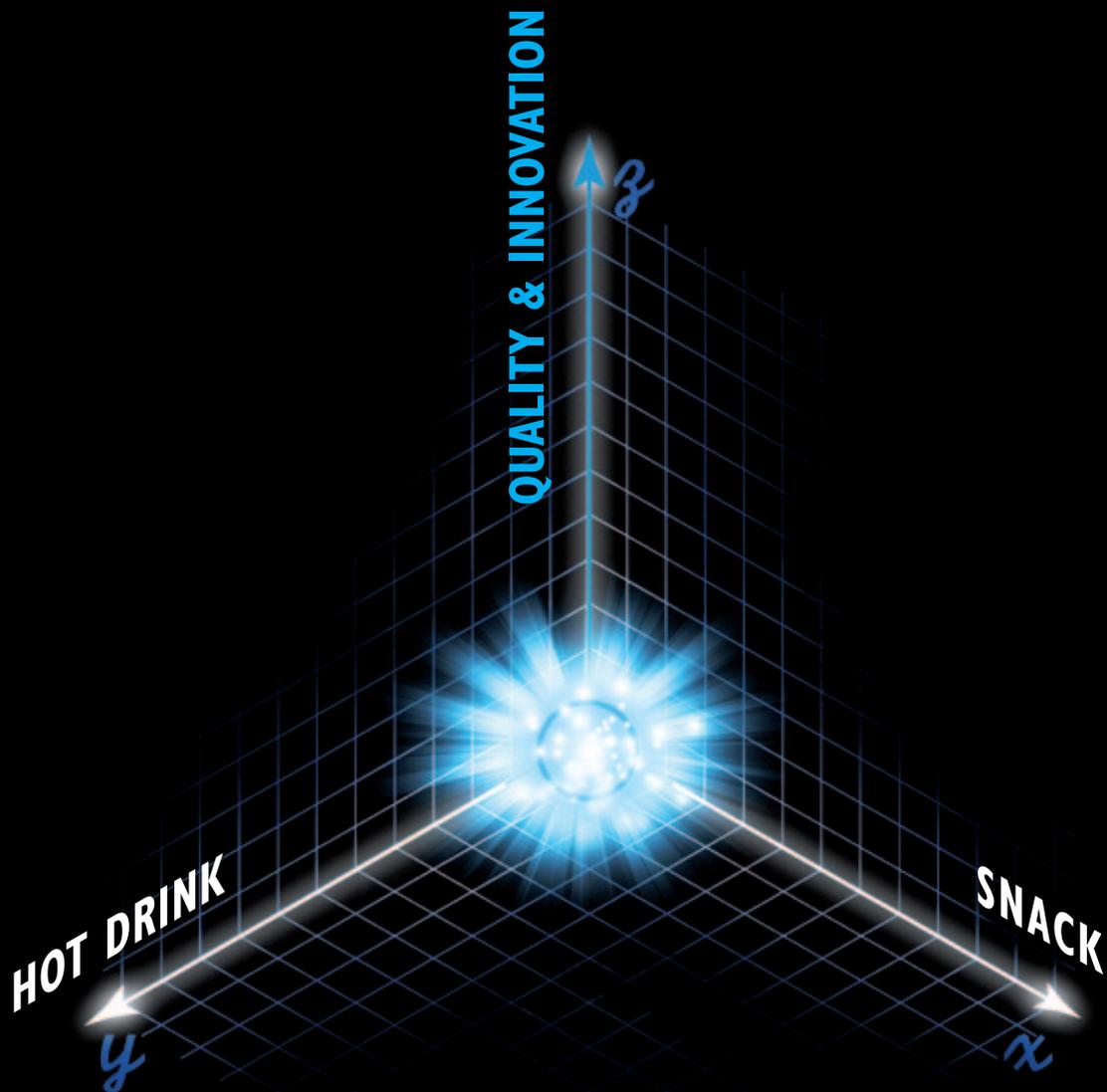
The screen is organised in an intuitive menu structure, on several levels.

The product selection interface is highly customisable and highly interactive.

It is indeed possible to set the menu to work through direct or guided selections, subdivided in drink or snack type subgroups.

Thus, choosing becomes easier: the display shows an attractive palette of offered products.

Carthego: *The new start point*



Smart electronics create surprising possibilities for development.

Carthego can connect to the internet, creating new communication opportunities that are unheard of for any other machine of this type.

Access to the internet shall make it possible for the machine's operating functions to interface with the web and the always evolving market requirements.



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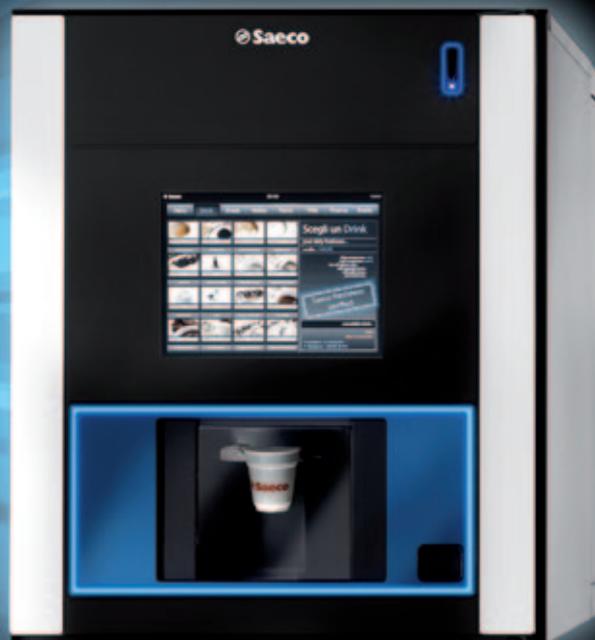
In Carthago, everything is technology. The shape, too, was designed so as to be worthy of such a sophisticated core.

It has an extremely modern, clean and minimalist design which was awarded the prestigious “Red Dot Design Award 2012”.

Its new, elegant line is an expert mix of colours, shapes and images, enhanced by led lights.

Carthago is made with a mix of materials, finishes and details, assembled with the maximum care and in strict compliance with the principles of environmental sustainability.

Carthego: *Table Top*



Carthego's versatility is not limited to its Touch Screen and perfect design.

Carthego is a vending machine designed to be used as a modular structure: it is a Table Top Hot Drinks vending machine, which, if equipped with the right cabinet, can become free-standing and if paired with the Mini Snack can become a Combi Hot & Snack dispenser.

Carthego Table Top is fully automated, offers 16 types of hot drinks, and is available in the Espresso and Instant versions.

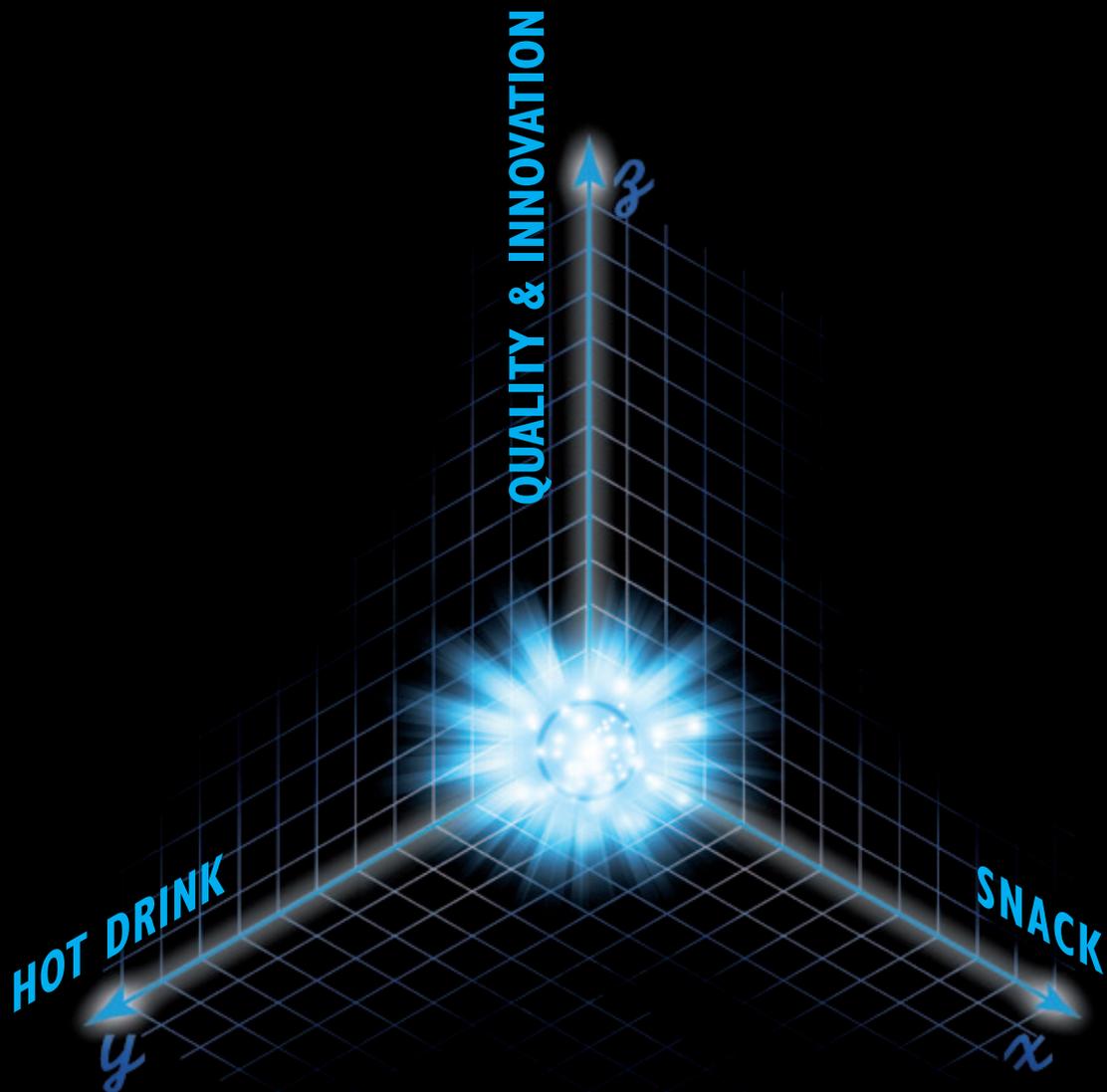
Carthego: *Mini Snack*



Carthego Mini Snack, with 6 spirals and 4 drawers, makes it possible to choose snacks and cold drinks, canned or bottled.

The fridge group can be removed and the temperature can be regulated (from 6°C to 14°C).

Carthego: *The combined solution*



Carthego was designed to address all the customer's needs.

The combination of Carthego Table Top and Carthego Mini Snack widens the range of products offered: hot and cold drinks, both canned and bottled, and snacks.



The product range is the widest of all the machines of this type and size.

With Carthego, Saeco has attained excellence in terms of both product quality and service autonomy, thanks to an innovative Saeco solution that makes it possible to double the quantity of stirrers and grounds.

Carthego: *Innovative mechanics*



Carthego is equipped with two innovative Saeco inventions that can guarantee quick filling up and maintenance operations and so considerable time savings:

Tilting plate

The Saeco Tilting Plate is a plate that can be tilted, equipped with a container-retention system that makes it easier to load.



Rotating System

In the combined version, Carthego Hot & Snack, the Rotating System makes it possible to connect the Table Top machine to the Mini Snack one, and to manage the containers in the hot drink dispenser effectively and innovatively. The Table Top can be rotated above the Mini Snack, thus allowing for a quick access to the machine's components and eliminating the need to move the whole machine.

Carthego Table Top



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Description

Carthego is our new line of top vending machines, available in the following layouts:

- **Table Top** with matching cabinet
- **Table Top** plus **Mini Snack** vending machine, for snacks and cold drinks.

Carthego, which pairs its ultramodern and clean design with several hi-tech functions, supplies hot and cold drinks and snacks.

This elegant vending machine is the ideal solution for offices and medium-sized supply requirements.

Carthego Table Top offers up to 16 different types of hot drinks and is available in the **Espresso** (4-5 soluble products + 1 coffee grinder and 600 cc boiler) and **Instant** (6 containers plus 1 boiler - not pressurised) versions.

Accessories

- Autonomous tank kit
- Cup sensor kit
- Hot water solenoid valve kit
- Mixer kit for the replacement of the spiral mix
- Additional payment systems kit
- Memory key, to copy and transfer the operating parameters quickly between vending machines
- Eva-Dts kit

Main characteristics

- Innovative HMI (*Human Machine Interface*), thanks to the 12" **Touch Screen** display; highly customisable, with network connectivity and multi-sensor communication
- Elegant, flat, technological and modern minimalist design, with precious accents
- Easy maintenance and re-provisioning, thanks to two Saeco innovations:
 - **Rotating System**, that makes it possible to join the *Table Top* machine to the *Mini Snack* in an effective and innovative way: the *Table Top* can be rotated above the *Mini Snack*, thus allowing for a quick access to the machine's components and eliminating the need to move the whole machine (patent pending)
 - **Tilting Plate** - this plate can be tilted by 30° towards the operator, and is equipped with a container-retention system that makes it easier to load
- Innovative Saeco solution (patent pending) that make it possible to double the quantity of stirrers and grounds that the machine can manage
- Dispenser bay edges lighted by blue leds
- High number of choices, pre-selections and mixers
- New powder dispensing system **Saeco Easy Dry**

User interface

- Product selection interface through 12" **Touch Screen**. Highly customisable and highly interactive, possible internet connections, audio output, etc.
- 3 level surfing prior to selection and possibility of customising the menu with direct selections or guided procedures, divided into sub-groups of drink or snack types
- The change button is integrated into the *Touch Screen*

Technical data		Carthego Table Top
Structural characteristics		
Dimensions (w x h x d)	600 x 730 x 670 (865 with autonomous tank kit) mm	
Weight	90 kg	
Electrical characteristics		
Power supply	230 V/50 Hz - (120 V/60 Hz coming soon)	
Absorbed power	1750 W	
Hydraulic characteristics		
Boiler	600 cc	
Water connections		
Water network-connected	3/4" (1 - 8 bar)	
Water supply	standard: water network - optional: autonomous tank kit	
Autonomous tank	20 l	
Other characteristics		
Cup dispenser	•	
Stirrer dispenser	•	
Cups	(h 70 mm) 300	
Available cups	ø 70 o 73 mm	
Stirrers	320	
Available stirrers	90 - 105 - 115 mm	
Coffee bean container	1	
Soluble products container	4 - 6 (<i>Instant</i>)	
Sugar container	1	
Number of selections	16	
Number of pre-selections	2	
Mixer	3 to 5	
Coffee brewing group	7 gr or 9 gr	
Capacity of the containers		
Coffee beans	1,8 kg	
Soluble coffee	0,6 kg	
Barley Coffee	0,68 Kg	
Milk	0,75 kg	
Chocolate	1,9 kg	
Tea	2,5 kg	
Sugar	2 kg	

Technical specifications

- 5-channel cup dispenser
- New Saeco system (patent pending) stirrer-sugar dispenser, with double front loader which makes it possible to double the machine's current autonomy (160 stirrers x 2 rows) in the same amount of space
- Dispenser bay with a gear dumper that brakes the door when it comes down (only during the drop)
- Lock with one locking point
- Vapour suction system in the bay, by way of channels carved out of the drainage recovery tank
- Automatic change returning system
- Automatic washing
- Single payment system for the delivery of hot drinks and the distribution of cold drinks and snacks
- Galvanised sheet metal box, painted with epoxy powder
- Containers and tanks made of food-grade thermoplastic resin
- Empty signal for water, coffee, cups, and grounds removal
- 5-function keypad
- Sales prices setting
- Electronic boiler temperature control (programmable)
- 60 W electromagnetic vibration pump (*Espresso* version)
- Air-break device with anti-flooding system
- Simplified anomaly reset
- Boiler's safety valve
- General safety relay for 24 V components
- Thermal protectors on all devices connected to the mains power supply
- Safety and boil-prevention thermostats for soluble products' boiler (*Instant* version)
- CE, VDE approval (coming soon)

Carthego Mini Snack



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Description

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- **Table Top** with matching cabinet
- **Table Top** plus **Mini Snack** vending machine, for snacks and cold drinks.

Carthego, which pairs its ultramodern and clean design with several hi-tech functions, supplies hot and cold drinks and snacks.

This elegant vending machine is the ideal solution for offices and medium-sized supply requirements.

Carthego Mini Snack, with 6 spirals and 4 drawers, is managed through the **Table Top** vending machine and therefore cannot be sold separately.

Accessories

- Photocells kit
- Wall brackets kit

Main characteristics

- Internal and perimeter led lighting of the push door (blue leds)
- Removable cooling group
- Removable tilting product collection tray
- Slave-only version, managed from the **Table Top** vending machine
- Can contain 4 drawers, 2 of which for upside down bottles

User interface

- Product selection interface, on **Carthego Table Top** through 12" **Touch Screen**. Highly customisable and highly interactive, possible internet connections, audio output, etc.
- 3 level surfing prior to selection and possibility of customising the menu with direct selections or guided procedures, divided into sub-groups of drink or snack types
- The change button is integrated into the **Touch Screen**

Technical data		Carthego Mini Snack
Structural characteristics		
Dimensions (w x h x d)	600 x 1100 x 865 mm	
Weight	143 kg	
Electrical characteristics		
Power supply	230 V/50 Hz - (120 V/60 Hz coming soon)	
Absorbed power	310 W	
Other characteristics		
Number of drawers	4 (2 for bottles, 1 for snacks 1/2 for 33 cl cans / 1/2 snack)	
Number of spirals	6	
Cans capacity	(33 cl) 18	
Bottles capacity	72	
Snacks capacity	71	
Max. capacity	161	
Drawers height	adjustable	
Refrigerating gas	R 404 a	
Temperature	adjustable - from 6°C to 14°C	

Technical specifications

- Galvanised sheet metal box, painted with epoxy powder
- Insulated with polystyrene panels
- Air recirculation system with 3 92 x 25 mm fans
- Door constructed with aluminium profiles, low emission layered glass
- Tilting dispenser bay door with theft prevention system
- Removable plastic drawers, constructed to guarantee appropriate load bearing capabilities. The position of the drawers can be easily regulated.
- Removable fridge group and automatic management of defrosting cycles
- Programmable Rielta lock, with two locking points
- Magnetic door seal
- Automatic reconfiguration of the number of drawers each time the machine is turned on
- Easy unlock drawer connectors
- Machine's on/off switch
- CE, VDE approval (coming soon)

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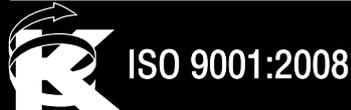
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