

SMIT&DORLAS kiest de meest duurzame oplossing voor Koffiezet-Apparatuur

SMIT&DORLAS wil op zo veel mogelijk momenten een positieve bijdrage leveren aan het Milieu en onze maatschappelijke verplichting.

Juist om die reden worden ook onze producenten van Koffiezet-systemen beoordeeld en geselecteerd op hun duurzame karakter. Onze grootste partners Thermoplan en La Cimbali hebben voor de industrie toonaangevende energiebesparingen in hun apparatuur geïmplementeerd. Thermoplan bijvoorbeeld realiseert met haar BLACK&WHITE lijn een energiebesparing tot 50% ten opzichte van vergelijkbare machines van andere producenten. Als één van de grootste leveranciers van koffiezet-systemen voor professioneel gebruik in Nederland draagt SMIT&DORLAS dus actief bij aan een significante vermindering van het energieverbruik.

SMIT&DORLAS blijft de ontwikkelingen op dit gebied nauwgezet volgen en zal zich blijvend inspannen om zo verantwoord als mogelijk om te gaan met onze energie. We streven er op deze manier naar dat de CO2 uitstoot tot een zo laag mogelijk niveau teruggebracht kan worden.

In onderstaande pagina's vindt u hierover meer informatie:

Smart Boilers

Stand-by instellingen

Energie-gebruik

Isolatie

Hergebruikte materialen

La Cimbali 2016 Statement Lower Energy-use en Heat-Management features.

La Cimbali M100 Energy-saving with Smart-Boiler (Eco-friendly)

La Cimbali M39 Totaal -23%energiegebruik op dagelijks gebruik.

Thermoplan Black&White Energy-consumption related to Traditional Semi-Automatic

Cimbali 2016

Our attitude to energy saving and respect for the environment are fundamental to the work we carry out every day.

Every design and every machine is produced using only recyclable materials and eco-compatible plastics, and all the machinery and installations are cleaned using ecological detergents specially developed for the group.

The group's structures and installations are carefully designed to optimise production within a regime of energy efficiency and reduced consumption. Our Binasco factory, for example, operates a solar energy system to handle its energy needs.

Energy saving is also a key theme in product development: insulated boilers to minimise heat loss, independent group heads and smart boilers for enhanced energy efficiency, standby options, the use of low-energy LEDs and adjustable-temperature cup warmers are just some of the features we have introduced to reduce the environmental impact of products and installations.

Lower energy use

- Smart boilers
- Independent group heads

Heat management features

- Insulated boiler
- Standby options
- Low-consumption LED technology
- Adjustable cup warmer temperature
- Eco-friendly detergents developed in-house

M100, inspired by to the future, respectful of the present.

Energy Saving

M100 is equipped with the most contemporary Energy Saving solutions and it is produced with recyclable materials.

The Energy Saving Mode reduces the boiler pressure when the machine is idle for a significant period of time: this function can be manually enabled by the barista by using the touch screen.

To reactivate it, the barista only needs to press any key, and in just 60-90 seconds the machine will be ready for use again.

Thanks to the Energy Saving Notturna mode, the machine does not fully switch itself off. The resistor remains active to keep the pressure in the boiler at a value of 0.2 bars.

Also in this case, it is possible to go back to the machine working mode in 1-2 minutes (this value varies depending on the set pressure to be reached).

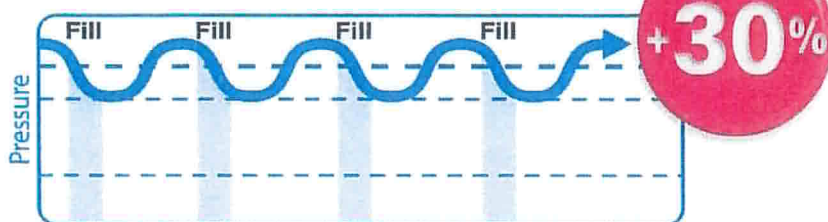


Green machine

M100 has been designed with functional and ethical virtuosity in mind. It is fitted with the most advanced Energy Saving functions and it is produced with recyclable materials. Its technological solutions allow a daily energy saving up to 21%* compared to an equivalent machine.

*According to DIN 18873-2 parameters

SMARTBOILER



Smart Boiler

M100 is equipped with the patented Smart Boiler technology, which optimises the replenishment of water in the boiler and ensures the thermal balance, thus increasing hot water and steam performance and reducing energy consumption.

Thermal improvement

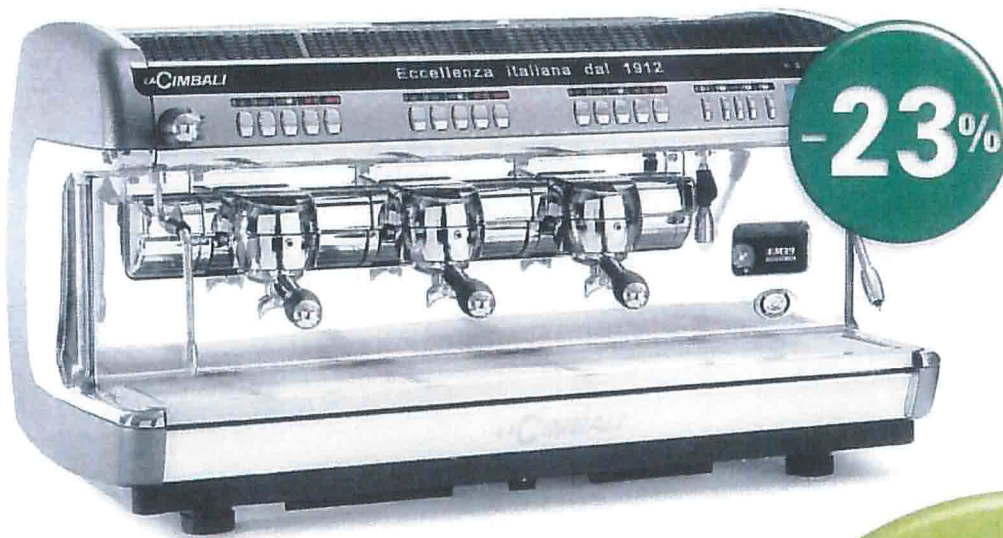
The M100 boiler is insulated with a jacket made of a special material with a very efficient thermal properties to reduce heat loss.

This results in lower energy usage and subsequently lower wear of the boiler, resistors and other components.



GREEN MACHINE. ECO-FRIENDLINESS MEANS ECONOMY.

GREEN MACHINE. ÖKOLOGIE REIMT SICH AUF ÖKONOMIE.



Saving

M39 T.E. Dosatron can guarantee daily energy savings of 23% compared to a similar model.

*According to DIN 10531 parameters DIN 18873-2

Einsparung

Mit der M39 T.E. Dosatron sparen sie täglich 23 % mehr Energie als bei vergleichbaren Modellen.

*Gemäß den Parametern der DIN 18873-2

Energy optimisation

Thanks to the **Smart boiler**, the boiler pressure is kept constant. This enables a lower use of energy and ensures at the same time the maximum production of steam. The Smart Boiler technology increases significantly the performance of hot water and steam, whilst optimizing the restoration of water in the boiler. It also ensures the thermal balance for an always perfect result in the cup.

Energieoptimierung

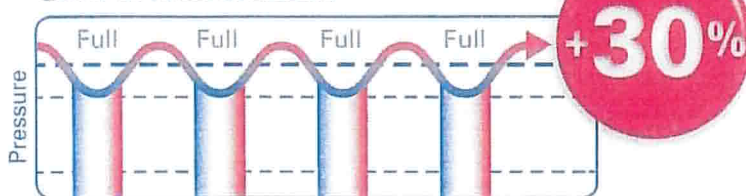
Dank dem **Smart Boiler**-System bleibt der Kesseldruck stets konstant, so wird weniger Energie in Anspruch genommen und zugleich eine maximale Dampfproduktion gewährleistet. Mehrere Heizkreisläufe erwärmen das Wasser stufenweise auf Betriebstemperatur, die Füllstände der Kessel werden ständig elektronisch überwacht und korrigiert. Selbst bei höchster Beanspruchung garantiert dieses patentierte System ein perfektes Ergebnis in der Tasse.

M39 T.E. features state-of-the-art eco-technological solutions that meet the need of saving water and energy whilst respecting the environment. Quality and food safety are always paramount.

Aus Respekt vor der Umwelt ist die M39 T.E. mit technologischen Lösungen auf neuestem ökologischem Stand ausgestattet – insbesondere im Bereich der Wasser- und Energieeinsparungen. Qualität und Lebensmittelsicherheit stehen dabei weiterhin im Mittelpunkt.

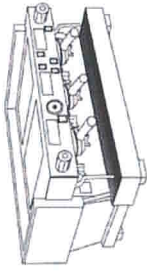
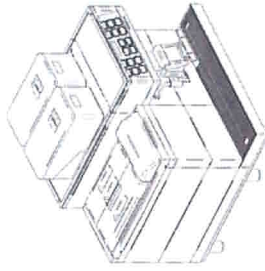


SMARTBOILER



Operating Hours / Restaurant

Open days / week: 1 day
 Open hours / day: 14 hours
 Vacation / year: 0 weeks
 Cappuccino per day: 100 beverages



Annual Consumption /

Energy Consumption

Consumption Start-up [kWh]
 Consumption Standby [kWh]
 Consumption Cappuccino Beverages [kWh]
Total Consumption

B&Wone CTM-RF

7 / 12%
 63 / 17%
 79 / 85%
 148 / 29%

B&W3 CTM-RF

7 / 12%
 117 / 32%
 67 / 73%
 192 / 37%

B&W CTMF5

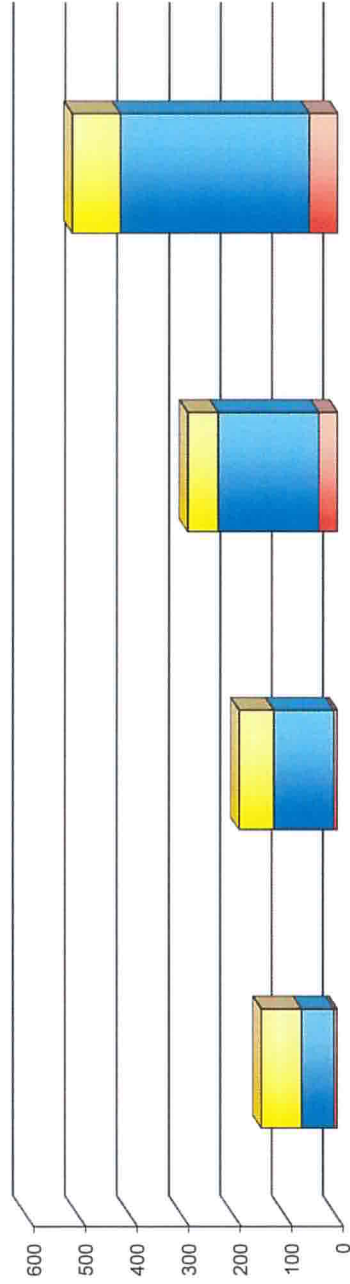
37 / 66%
 196 / 54%
 58 / 63%
 291 / 57%

Traditional Coffee Machine

56 / 100%
 366 / 100%
 92 / 100%
 514 / 100%

Summary Annual

Consumption Cappuccino Beverages [kWh]
 Consumption Standby [kWh]
 Consumption Start-up [kWh]



thermoplan
 Swiss Quality Coffee Equipment