

1000 Espressos S.L.U. / GRUPO 1000
Spanish Quality Espresso Equipment

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Featured

Number of groups	2
Capacity Boiler	12 Liters (2Gr) / 18 Liters (3Gr)
Power	2.600 watt / Option: 3.900 watt
Dimensions	710A x 500P x 500H mm
Weight	55 Kg

Membranes / Touchpads	5 blue programable buttons
Steam wands	2
Hot water outlets/spigots	1
Pump pressure	9 bar
Boiler pressure	1 bar

Connection to water line	Thread 3/8"
Filterholders	1 for 1 Coffee & 1 for 2 Coffees
Autocleaning	Blind filter
Drainage tube	Included / Installed by a technician
Water softener	To be installed by a technician



Technical features



MODEL: H-30 2 Groups

Description

- Espresso machines made all in S/Steel
- Ergonomic side panels and easy access
- 5 Blue Touchpads indicate brew dose selection
- Additional semiautomatic override switches
- Multi-function Display
- Central Blue Light / 100% shiny and lit up
- 2 steam wands in S/Steel. Lever faucets
- Automatic water. Pushing button
- Automatic filling and Electronic level of water
- Built in professional rotary pump and motor
- 12 Liters (2gr) and 18 Liters Boiler (3gr)
- 2 pressure gauges: Boiler and Pump pressure
- Water connection and drainage pipes
- Cup rail in S/Steel and methacrylate
- Available in High Groups and stand for cups
- Cappuccino Unit available

1- START – INSTALLING THE MACHINE

The H-30 machine belongs to a high range of espresso machines, professional, functional, shiny, nice design, and with a great performance.

Before we plug the machine, we must connect the inlet water and drain pipes and make sure that the installation of the local (bar, restaurant, etc) is according to law, with enough power to install a coffee machine and a proper earth connection. This machine is a single phase, 220/230V and 50/60 Hz, but it can also be supplied at 380Volt, 3-phased.

So, please check the points described down here before turning on the machine:

- 1- Connect the gray drain pipe to permit the machine to drain properly.
- 2- Make sure also that the metallic inlet water pipe is well connected.
- 3- Install a plug on the main cord, and connect the machine to power (Usually the machines come with 3 or 4 cables on the main cord. Blue –neutral, Yellow/Green – earth, Brown – 1 phase, Black – 1 phase. You can wire together the Brown and Black to get only 1 phase).

After the machine is plugged, connected to drain and to water inlet pipe, then we can proceed to TURN it ON... AND NOW THE MACHINE IS READY TO WORK!

2- FIRST TIME CONNECTION

- 1- Please place the main switch to position 2 (indicated on the panel). This will allow the machine to start filling the boiler keeping the heating element Off.
- 2- If the boiler is not full after 120 seconds, touch pads will blink and the display will show a message. If this happens, place the main switch to position 0 and start again.
- 3- When the boiler is filled of water, we must place the main switch to position 1, which will permit the heating element working.
- 4- Now the electronic level (green light) will indicate at any moment if the boiler has or not the necessary level of water, and the pump and the solenoid will automatically work each time the boiler needs water. Also, release some water out of the groups in order to release possible air inside the system.
- 5- When the water inside the boiler is hot (it usually takes 15-20 minutes) the Led of the heating element turns Off, and the pressure showed on the gauge is around 1Bar. Now the pressure-stat runs the machine, so the heating element will work only when the pressure goes under 1Bar.
- 6- Check that the pressure showed on the gauge is Ok. Net pressure should be around 5 Bar and pump pressure when making coffee around 9Bar.
- 7- Pump and boiler pressures can be easily adjusted by touching the wheel of the by-pass in the pump and the screw on the top of the pressure-stat respectively.
- 8- Now the machine is ready to make coffee and give hot water and steam.

Note: If your machine comes with high groups to prepare high cups, use the stand for cups integrated on the machine to prepare large cups of coffee.

3- PLAYING WITH THE MACHINE

When all seems ready to work, we recommend playing with the machine. It means taking water from the group by pushing on the touchpad buttons or the push-button if the machine is in semi automatic Mode (white switch under the front panel), and getting steam and hot water. Like this, the groups and wands will keep hot and ready to make coffee.

It is a good habit to check once on a while the pressure of the machine, and make sure that everything works properly: safety valve, pump, Leds, steam and water wands, etc.

When finishing, please clean the machine with a wet cloth, and make sure the filter and filter-holder are properly cleaned. To make sure the group is clean we recommend pouring some water using the touchpad or button.

4- PROGRAMMING THE MACHINE

Use the push-button to make coffee in semiautomatic Mode and the membranes/touchpads in automatic Mode. Unless a touchpad is not working, we recommend to work always with the automatic Mode activated.

This Mode permits to use the touchpads and program the quantity of water for each cup. The machine is equipped with 4 automatic doses for standard cups. If you want to modify the coffee volume served for each dose, please proceed this way:

- 1- Press the continuous (*) button and keep it pressed 6 seconds until the Led blinks.
- 2- Press the dose button that you want to program, and let the water pouring.
- 3- When the volume is what you want the dose to be, press the dose button again and it will keep automatically programmed.
- 4- Repeat step Num 3 to modify the other dose buttons.(We recommend following this process with coffee on the filter holder, to ensure that the final quantity is what you desire to cup to be).
- 5- Left touch pad is the master, so if you program the left side, same quantities will keep on the right side membrane/s.
- 6- Press (*) or let pass 30 seconds to leave the Programming Mode.

Semiautomatic Mode:

If you need to make the machine working under the semi automatic Mode, just switch-off the automatic Mode. This should be only used when the CPU or a touchpad fails and needs to be changed. CPU and touchpads will take then the current directly from the line.

5- ALARM

If the machine can't fill the boiler within 120 seconds the touch pads of the machine will blink. Also, the touch pads blink if the brewing is too slow...

...so, MAKE SURE THE ALARM IS QUITE, AND ENJOY YOUR MACHINE!