BOILER PARAMETERS

To set up the operation parameters of the boiler/s.

- Temperature: to set up the operation temperature of the boiler

You can enable a heat cycle of the boiler (boost) at the first selection and after a stand-by period

Enabling a heat cycle (boost) is of use to balance a low temperature of the first selection (after a stand-by period).

You can enable the boost even for all the next coffee-based selections.

For instant drinks, the heat cycle of the boiler (boost) is for the first selection only.

PRE-DISPENSING SETTINGS

To enable and manage the heat and/or rinse cycles before dispensing.

If these cycles are enabled, the time required to prepare drinks becomes longer.

MASTER SLAVE SETTINGS

Use this function to enable the "Master / Slave" connection.

If the function is active, the equipment is "Master": it controls the second machine.

The "Master / Slave" connection requires the equipment to be connected with each other by means of a special kit.

From the menu set up the model of the "Slave" machine.

The master/slave function is not enabled by default.

If the "Master / Slave" function is enabled, you can use the functions relative to snack and/or food products (e.g. arrangement of snack selections).

The request for snack and/or food selections is made by the "Master" equipment.

MACHINE INFORMATION

FAILURES

The machine is equipped with several sensors intended to control the various functional units.

As soon as a malfunction is found out, the type of failure is displayed and the machine (or part of it) is set out of order.

The failures that are found out are stored in special counters.

FAILURE HISTORY FILE

Use this function to display the failure history file. The history file shows the failure with the corresponding date and time. The function shows if the failure is still pre-

sent and/or solved. From the function you can reset the list of recorded failures.

EVENT HISTORY FILE

Use this function to display and filter the events recorded by the equipment. An event might be for example the access to menus, the change of parameters, ... From the function you can reset the list of recorded events.

FAULTS

It displays the faults on the equipment. If there is no fault, the list is blank

DOSER FAULT 1...9

If the current input of an ingredient motor falls outside the range of pre-set values, all the selections using that doser will be disabled.

MIXER FAULT 1...6

If the current input of a whipper motor falls outside the range of pre-set values, all the selections using that mixer will be disabled.

SOLENOID VALVE 1...7

If the current input of a solenoid valve falls outside the range of pre-set values, all the selections using that solenoid valve will be disabled.

SHORT CIRCUIT MOSFET

One of the mosfets on the actuation board remains active.

The mosfets control the activation/deactivation of direct current motors

SHORT CIRCUIT

A short-circuit is detected on one of the direct current motors connected with the actuation board.

A fault may be simultaneously detected on one of the direct current motors.

VOLUMETRIC COUNTER

The volumetric counter (flow meter) enables the operator to count the water quantity necessary to prepare a selection. If the actuation board fails to detect the volumetric counter pulses produced by the water passage within a pre-established time interval, the equipment is put out of order.

AIRBREAK WATER LOSS

The air-break micro (operated by the float) signals the lack of water even if no request has been made for a selection.

The water inlet solenoid valve is opened or the self-supply pump activated (attempt at filling the air break).

If the air break is not filled, the equipment is set out of order.

AIRBREAK MICRO

The air-break micro (operated by the float) never signals the lack of water following a dispensing cycle.

AIR-BREAK FILLING TIMEOUT

The air-break micro (operated by the float) is not signalling that the water level has been reached in the air-break within the pre-set time interval during filling.

BOILER FILLING TIMEOUT

The boiler has not filled within the pre-set time interval.

The water quantity necessary to fill the boiler is detected by the volumetric counter (flow meter).

COFFEE UNIT - MICRO UNIT FAILURE -

While the brew unit is being operated, the control micro is not operated within a certain time limit.

This failure may be associated with another positioning failure of the coffee unit.

COFFEE UNIT - START UNIT FAILURE -

The microswitch signals the coffee unit has not moved from the stand-by position.

COFFEE UNIT - BREW UNIT FAILURE -

The control micro signals that the coffee unit has not reached the brew position.

COFFEE UNIT - DISPENSING UNIT FAILURE -

During the brew phase, the control micro signals that the espresso unit is being handled.

COFFEE UNIT - DISCHARGE UNIT FAILURE -

At the end of the brewing phase, the control micro signals that the coffee unit has not reached the "used dose discharge" position.

COFFEE UNIT - STANDBY UNIT FAILURE -

The control micro signals that the brew unit has not moved back to the stand-by position after having discharged the coffee dose.

MOBILE NOZZLES

Mobile nozzles have failed to reach the dispensing position.

The equipment is put out of order.

BOILER ERROR

The boiler fails to reach the operation temperature after temperature values have been measured many times within a welldefined time interval.

The equipment is put out of order.

BOILER LEAKAGE

It signals any pressure loss of the boiler during the "pressurising" cycle.

COMPLETE MACHINE CLEANING

It signals that the equipment must be completely cleaned.

The signal is displayed when the time limit or the pre-set number of selections is reached.

MIXER WASH

It signals that the mixers must be washed. The signal is displayed when the time limit or the pre-set number of selections is reached.

COIN MECHANISM

Models with payment system only.

The machine stops if it should receive an over 2-sec. pulse on a validator line or if the communication with the serial coin mechanism is not longer than 30 seconds (Executive protocol) or 75 seconds (BDV protocol).

NO WATER

Lack of water in the water network or selfsupply tank.

Make sure that the equipment is connected with the water network and that the cock is open or that the tank is full of water.

Touch the "Reset" key to restore the operation of the equipment.

NO COFFEE

If the ground dose is not reached in the doser within 15 seconds, the "no coffee" failure is recorded.

The selections using coffee beans are put out of order.

GRINDER LOCK

A sensor detects the actual rotation of the grinder during the grinding time. In case of lock (foreign bodies, etc.), the

grinder is locked and espresso-based selections are disabled.

MACHINE BOARD

Lack of communication between the machine board and the CPU board.

The communication between the two boards occurs through CAN BUS.

Check the CAN BUS connections between the two boards.

LOW ESPRESSO TEMPERATURE

The temperature of the espresso boiler is lower than the minimum temperature programmed for a dispensing cycle. Wait for the minimum temperature set up for dispensing to be reached.

MACHINE DATABASE NOT AVAILABLE

The machine database intended to group and manage the machine configurations (layout) is not available in the equipment or it can't be loaded or created.

Make sure that the memory space is enough.

The equipment is put out of order.