



# INSTRUCTION MANUAL

## S202B

### DRYER

# INGENEO

Solving Industrial Challenges

#Program pages #



Home page that appears after switching on. Press the center to enter the Main Menu page.



Main menu with machine in Stop where we have at the top the machine status (Manual, Automatic, etc.), the button for selecting the language page (bottom right), the button for selecting the manual command page, the button for selecting the automatic cycle page and the button for selecting the data page.

The AUT or MAN keys are used to enable and indicate the automatic (AUT) or manual (MAN) status of the machine and are present on all pages.





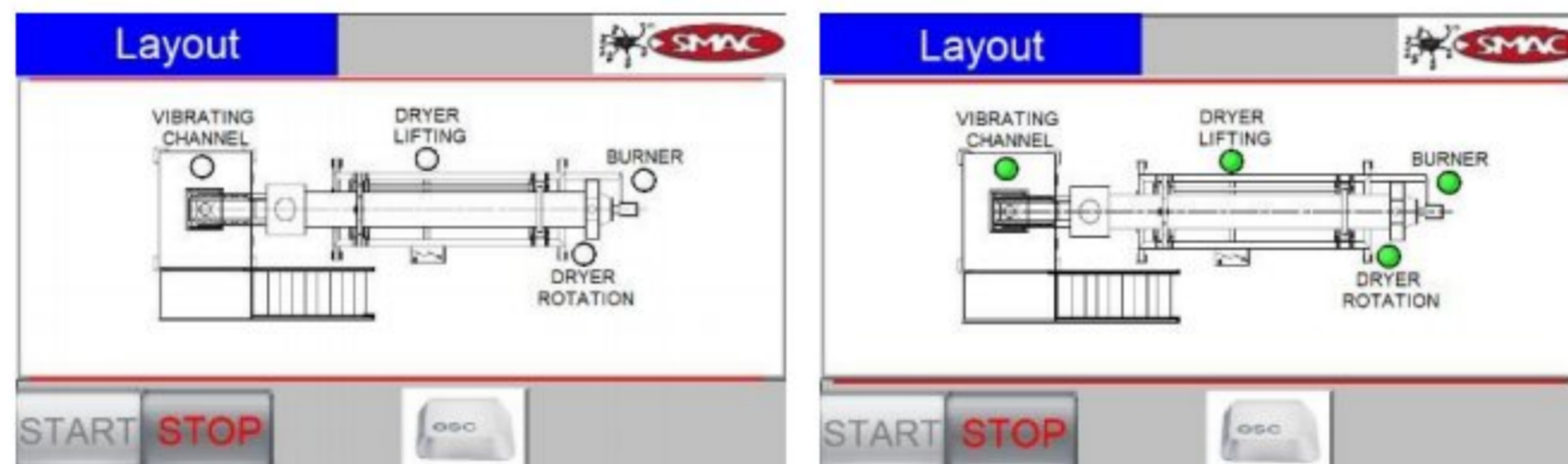
In case of machine in Automatic (AUT), the manual controls button changes name because in this mode we can only view the various users if they are active and we can not use manual commands.

## # Lingua #



On this page you can select, by pressing on the corresponding flag, the language of the display of the touch-screen. Press ESC to return to the main menu.

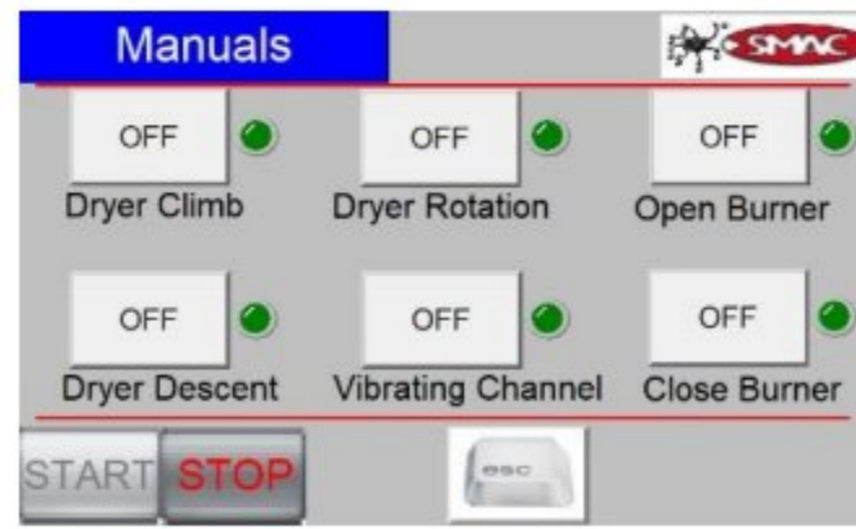
## # Layout #



The page appears 20 seconds after the machine is in automatic mode. Layout page where it is possible to view the status of the various utilities during operation.

Press ESC to return to the main menu.

## # Manuali #



Manual controls page where you can select the user you want to activate by pressing directly on the corresponding button. It is also possible to view the status of the various utilities during any operation (manual or automatic) through the ball next to each key that will turn on when the user will be in operation.

Press ESC to return to the main menu.

The manual controls are interlocked, the burner can be switched on only with the rotation of the active dryer.

Press ESC to return to the main menu.



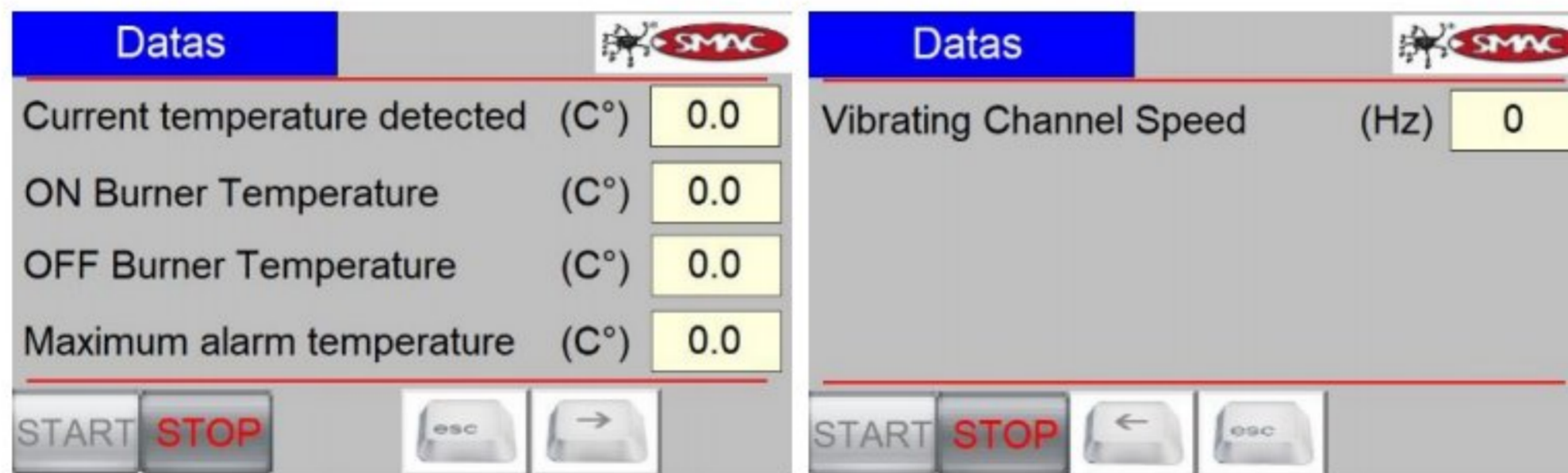
# Automatici #



Automatic page, where we can include or exclude some of the utilities from the automatic cycle. We also have the command to bring up or down the dryer.

Press ESC to return to the main menu.

# Datas #



Data pages to set for automatic machine operation. Press ESC to return to the main menu.

Description of the data:

Current temperature detected (C, C): This is the temperature that is detected by the thermocouple.

Temperature ON Burner (C is): This is the temperature below which the Burner valve opens.

Temperature OFF Burner (C) This is the temperature above which the valve of the Burner closes. Maximum alarm temperature (C, C): This is the temperature at which you activate the security alarm and turns off both the burner and other utilities, setting this parameter to 0 turns off the alarm.

Vibrating Channel Speed (Hz): In this field we can insert the vibrating channel vibration speed in Hz.

# Data entry#

MAX: 99.0		MIN: 0.0	
			0
7	8	9	-
4	5	6	Clr
1	2	3	ESC
.	0	Enter	

Every time a data is called, a keyboard will appear to enter the value. On the keyboard will be indicated in addition to the value entered also the minimum and maximum value that the data may have.



# Warning #



This page appears when the burner is opened and the safety micro is triggered, which will extinguish the flame. Pressing on this page the latter will close but if we have not closed the burner will reappear after 20 seconds.

# Alarms #



When an alarm appears the alarm window will appear as above, clicking on it will disappear and the alarm summary window will appear, if the alarm is not reset within 20 seconds the pop-up will recur.



In case of an alarm, a button will appear on the touch-screen, in addition to the written alarm, as a visual signal at the bottom right representing a flashing light. By pressing the button you will have access to the page of active alarms.





Press the "Buzzer ON" button to mute the audible alarm. In the page of active alarms we can have several alarms.

Emergency alarm. This is the alarm that occurs when the emergency mushroom is pressed or the auxiliaries that power the system are not inserted.

RESET: Unlock the mushroom and press the START button.

Inverter alarm. This is the alarm that occurs when the thermal protection of the inverter is triggered.

RESTORATION: Turn off and power on the inverter.

Thermal trigger alarm. This is the alarm that intervenes in case of engine overcurrent.

RESTORATION: Check that the engine has no mechanical problems, open the electrical panel and rearm the thermal taken.

Maximum temperature alarm. This is the alarm that occurs in case the parameter of maximum temperature alarm is reached or exceeded.

Check that the burner is working properly.

To reset the alarm condition press the "Reset" button.



## DRYER MANUAL



Pressing the reset button the page will have to present itself as above. This will indicate that there are no other active alarms and therefore the machine is ready for operation.