

@601 installation manual



To install the machine you need the following tools:
- 10 e 17 mm key
- 8mm Allen key



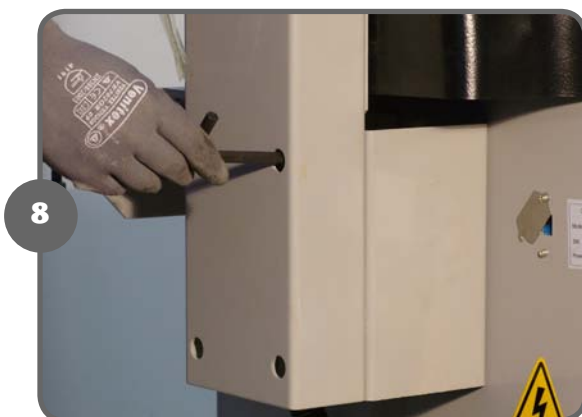
- machine wood box
- wheel guard



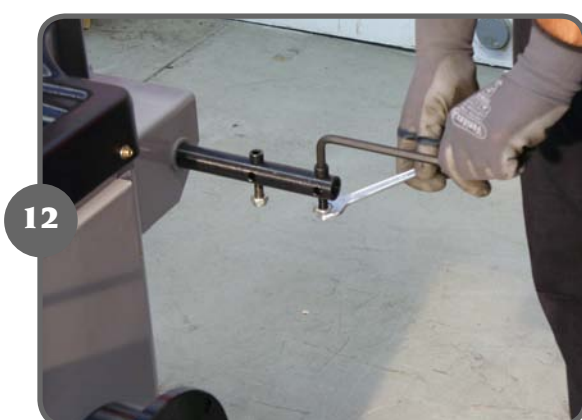
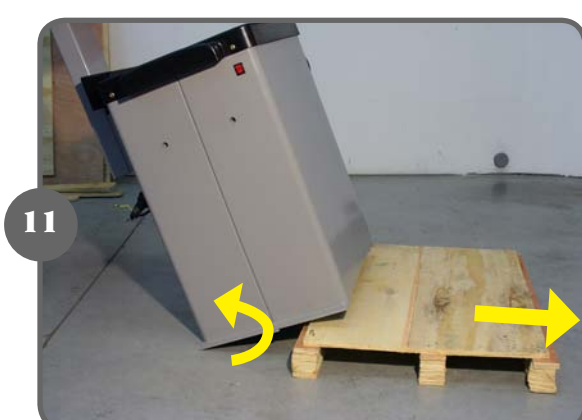
Remove the original packing material



Assemble the control panel support on the rear wall of the wheel balancer, using the four M8 Allen screws supplied



Remove the three screws shown in the pictures and place the balancer on the floor



Unscrew the nuts blocking the two screws on the bores of the guard support pin and remove the screws.

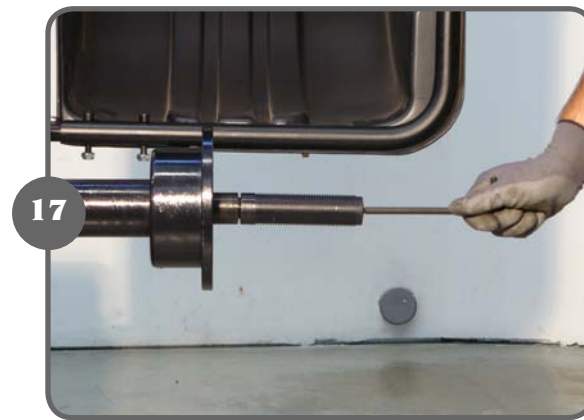
Insert the pipe with the guard in the support, making the bores on the two elements coincide.



Insert the two screws in the bores and lock the pipe on the support, tightening the corresponding nuts



Content of the accessory box



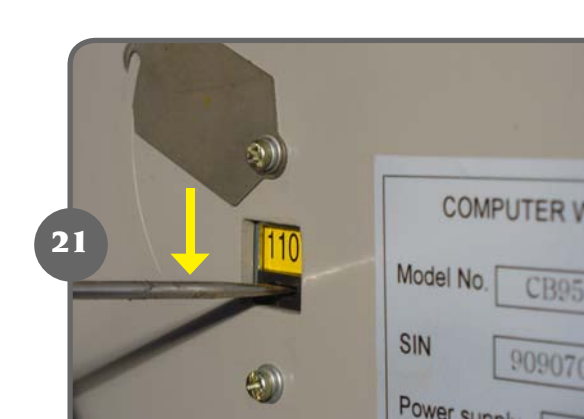
Block the hub on the balancing shaft using the M8 Allen key



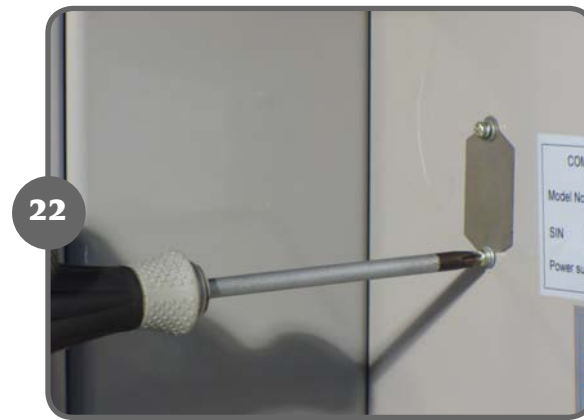
Fix the two cone support



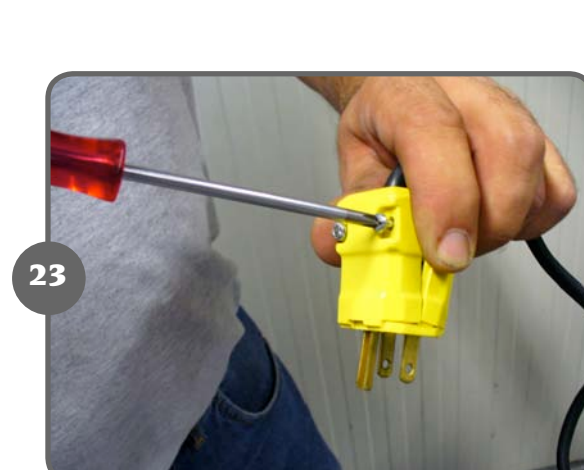
WARNING
Do not use the supports to lift up the balancer



ELECTRICAL HOOK-UP
The wheel balancer is set by the manufacturer to work at 220 Volt. The set-up data for each machine are given on the machine data plate and on a special label attached to the power supply connection cable.



On the rear wall of the wheel balancer there is a metal guard covering a switch that allows you to check or modify the electrical setting of the wheel balancer to 220 or 110 Volt. To modify this setting, you must:
- loosen a screw to access the selection switch
- turn the metal casing
- change the position of the switch to 110 Volt (Yellow label)
- reclose the metal casing



Fit a plug that respects the current regulations onto the power supply cable



WARNING
Any operations for hooking up to the workshop electrical board must only be carried out by qualified technicians, in compliance with the regulations in force, under the responsibility and at the charge of the customer. Refer to page 40 and 41 of the user manual for detailed instruction



- adhesive machine data plate
- adhesive machine name plate
- user manual
- spare parts list



The machine is supplied with two adhesive nameplates. Before applying them, check the surfaces are dry, clean and dust-free.

Apply the adhesive machine nameplate @601 and the dataplate in the positions shown in pictures



Connect the plug to the electrical board and switch on the machine by moving to "I" position the main switch

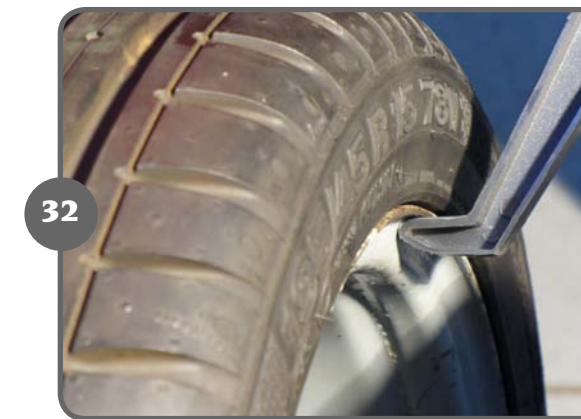
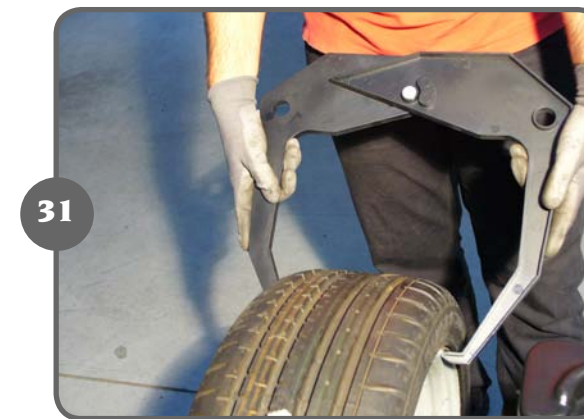


Mount a wheel of average dimensions (e.g. 5"x14"), preferably with a limited unbalance, on the wheel hub using the appropriate flange and cone; lock in position so that during the wheel spin and clamping operations the wheel will not move



Entering the wheel data:

- press the key
- measure the width of the rim using the caliper provided
- modify the value displayed by pressing and keys until the desired number is set



- press the key to confirm the previous values and pre-set the machine for entering the **DIAMETER**
- read the rated rim diameter value on the tyre

- modify the value displayed by pressing and keys until the desired diameter value is set



- press the key to confirm the previous values and pre-set the machine for entering the **DISTANCE**

- bring the **DISTANCE** measuring arm into contact with the inner side of the rim



- read the distance value between the wheel and the body from the rule

- modify the value displayed by pressing and keys until the read number is set. (the value on the rule is in mmx10 -> (.if you read 4 you must insert 40 on the machine)



Perform then a wheel spin that take place automatically by lowering the guard or pressing the key with the guard lowered.

A safety device prevents the rotation of the wheel when the guard is open and stops the rotation if the guard is opened during the wheel spin operation. In this case, the "Cr Err" message is displayed.



SELF CALIBRATION

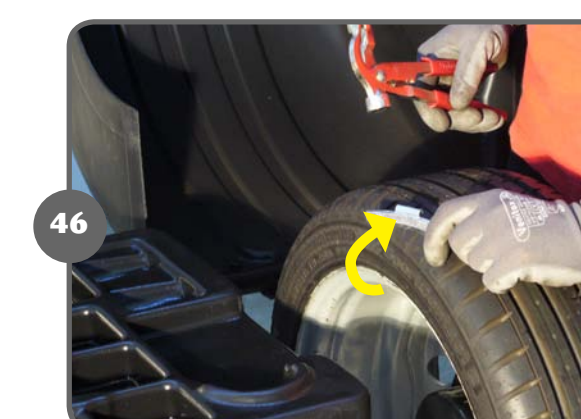
- press the key until the led corresponding to the **CAL** program lights up

- press the key to confirm the selection
- after the selection the machine will display the message: **CAL** on the left-hand display
- **GO** on the right-hand display
- perform a first spin by lowering the wheel guard or pressing the key with the guard lowered

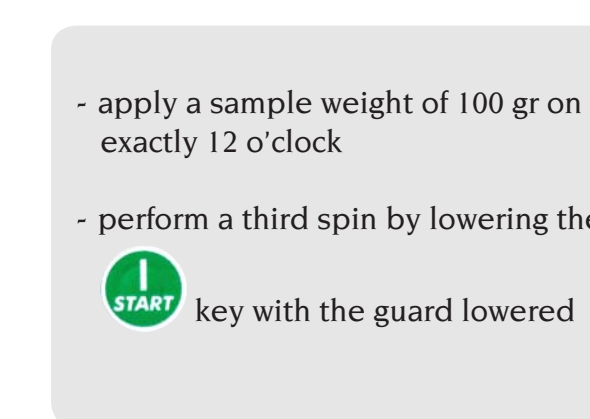


At the end of the spin, turn the wheel until it reaches the position marked by the position indicator and the message "100" is displayed

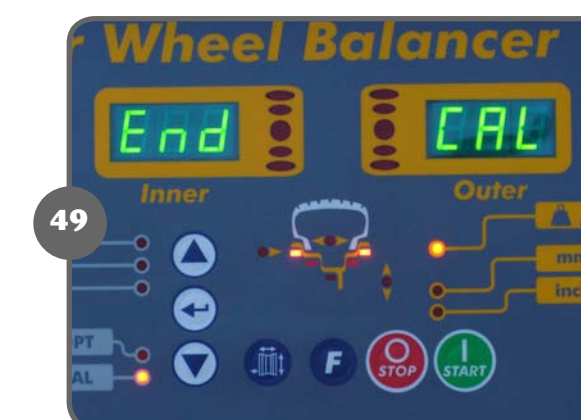
- apply a sample weight of 100 gr on the **INNER** side of the rim, at exactly 12 o'clock
- perform a second spin by lowering the wheel guard or pressing the key with the guard lowered



At the end of the spin, remove the sample weight and turn the wheel until it reaches the position marked by the position indicator and the message "100" is displayed



- apply a sample weight of 100 gr on the **OUTER** side of the rim, at exactly 12 o'clock
- perform a third spin by lowering the wheel guard or pressing the key with the guard lowered



if the calibration has been performed successfully, an acoustic consent signal sounds at the end of the spin and the message "END CAL" is displayed. If not, the "Er3CAL" message will be displayed.

The self-calibration program ends by visualising the unbalance values of the wheel. At the end of the procedure remove the sample weight of 100 gr

- Pressing the **key F**, it is possible to interrupt the program at any time.

- **THIS CALIBRATION IS VALID FOR ANY TYPE OF WHEEL!**

DEAR CUSTOMER: The balancer is now well calibrated and ready to use. This document has been prepared only to show you how to install the balancer; for any other information please refer to the user manual