

DS-68

YOUR
SILENT
PARTNER



devoted to **PERFECT** grinding

Notification of CEE requirements:

D.I.P. IMPEX SRL, located at 287 Theodor Pallady Blvd., 032258 Bucharest, Romania, manufactures the DS-68 On demand Grinder in compliance to CEE requirements:

N73/23 (low tension)

N89/392 (machines)

The DS-68 On demand Grinder has been tested in accordance the following norms:

- EN 60 335-1
- EN 55011
- EN 61000-3-2
- IEC/EN 61000-4-2, -4, -5, -6, -8, -9, -11, -29 (safety regulations for domestic or similar use)
- EN 335/264 (2nd part: safety regulations for professional kitchen instruments).

D.I.P. IMPEX SRL
Technical office
Bucharest, 20/10/2017



GENERAL WARNINGS

- Read this manual before using the appliance as it contains important instructions for the safety, operation and maintenance of the appliance.
- Before plugging in the appliance, make sure that voltage and frequency values of the power supply correspond to the rating plate.
- The wall socket must be fitted with an earth contact and a 10A fuse.
- Before performing any work on the appliance, including cleaning or maintenance, disconnect it from the power supply.
- Turning off the appliance by using its master switch does not assure the same conditions of safety.
- The manufacturer cannot be held responsible for bodily injury or property damage if the above warnings are not respected and the warranty will be void.

PARTICULAR WARNINGS

- Do not tamper with the appliance, for maintenance or repair contact an authorized service center.
- Do not pull the power cable in order to unplug the appliance from the socket.
- This appliance has been designed solely for grinding coffee beans.
- Place the appliance at minimum of 5cm from the wall to allow proper ventilation.
- Keep the appliance at a safe distance from reach water sources.
- Never leave the machine unintended, keep it out of the reach of children or people with handicap.
- Do not switch on an appliance that looks damaged.
- Use only original accessories and parts.
- To avoid the danger of fire, never cover the appliance.
- Unplug the appliance from the mains when it is not in use.
- Let the appliance cool down before moving it.
- Be aware that the grinding burrs may continue rotating for a short period of time after the appliance is switched off.
- Do not let liquids of any kind come in contact with the internal or external parts of the appliance.
- Never pour ground coffee in the hopper, the grinder is designed only for coffee beans.
- Do not touch the appliance with damp or wet hands.
- The manufacturer cannot be held responsible for bodily injury or property damage if the above warnings are not respected and the warranty will be void.

ATTENTION: Moving parts.

Introduction:

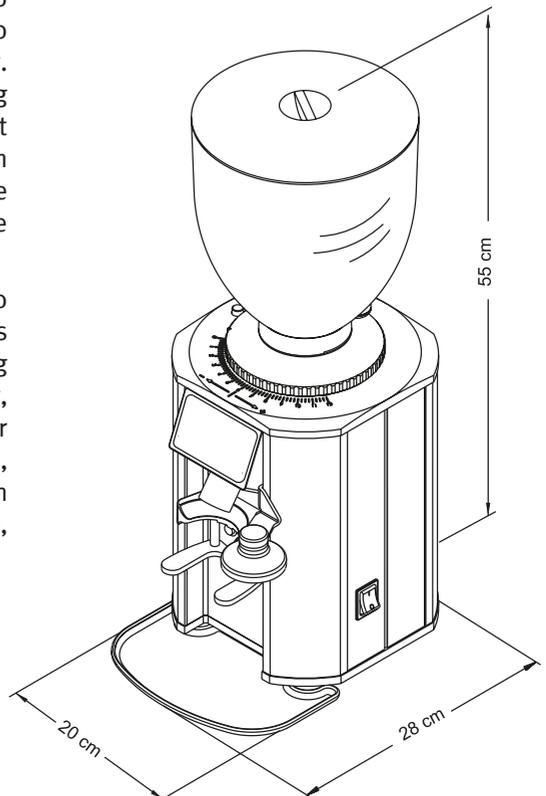
It might seem simple to make a coffee, but if you look a little bit closer, in order to prepare a good cup of coffee, precise rules have to be followed. The formula to get a perfect cup of espresso depends largely on the quality of the coffee grinder. In order to achieve an indisputable quality and a breathtaking taste it is mandatory to follow three rules:

1. A precise mixture
2. The correct use of equipment.
3. A thoroughly trained person.

To enjoy a good cup of coffee, unlike what you believe, it is not enough just to choose a particular coffee mixture. A skilled operator, who follows the proper preparation procedures and uses the machinery in an appropriated manner, contributes decisively at the creation of a masterpiece.

This is why professionals give so much importance to their espresso equipment and coffee grinder. Being familiar with their grinding machines, keeping them in perfect working conditions and using them to the best of their ability, are the skills that belong to a true coffee master.

The quality of a good espresso coffee is the result of a series of operations, grinding having an important role. The grinder, therefore, is for the operator one of the most important tools, whose structure must meet certain characteristics such as: strength, durability and functionality.



Dimensions DS-68

Component's Description

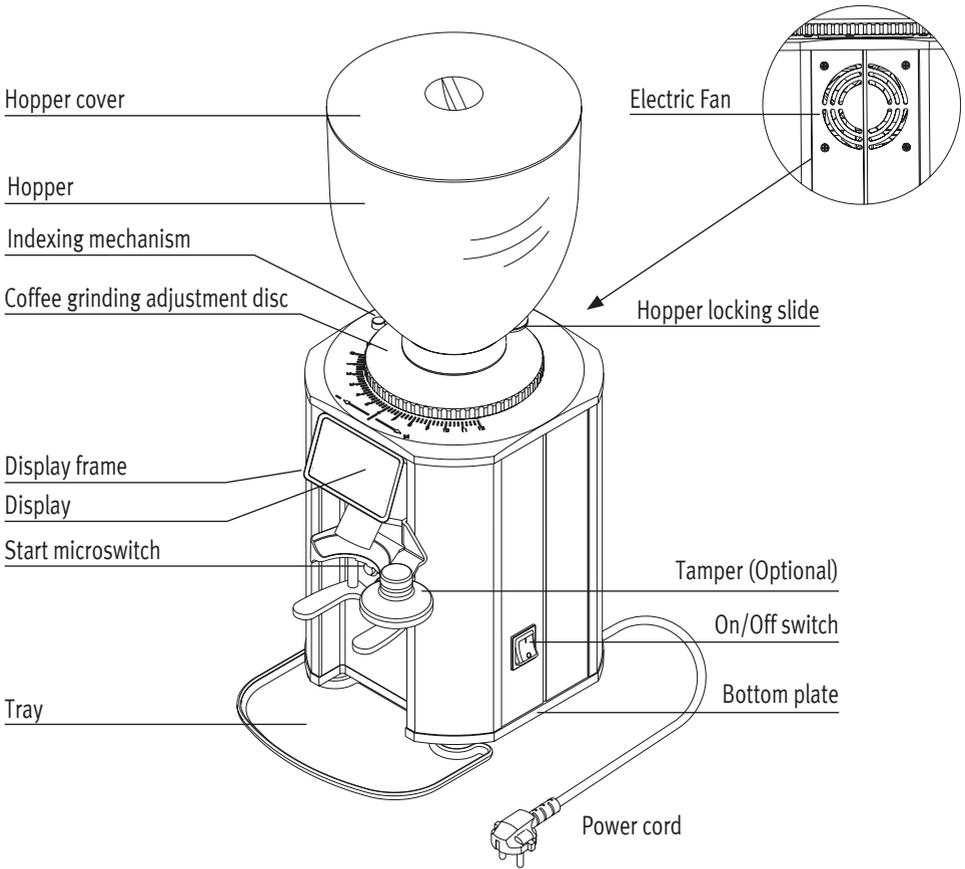


Figure. 1

Unpacking the DS-68 On demand Grinder:

When open the package, carefully check the equipment for any possible damage. If you have any doubt, do not use it and contact a qualified technician. If you have to ship back the equipment, this must be done in the original package otherwise the warranty is void.

Warning: packing materials can be hazardous to children.

Packaging Disposal:

Dispose the packaging materials according to local laws and regulations. If you decide not to use the appliance anymore, disconnect it from the mains, cut the power cable at the point where it comes out of the appliance. Contact a specialized recycling company.

Proper Use:

This appliance has been designed solely for grinding coffee beans. Any other use is considered to be improper, and consequently hazardous. The manufacturer cannot be held responsible for any damage as a result of improper or incorrect use.

Do not use the appliance for grinding other types of food, or anything else.

ALL COFFEE GRINDERS MANUFACTURED BY OUR COMPANY ARE DESIGNED TO BE USED BY SKILLED PERSONNEL, ONLY FOR PROFESSIONAL USE AND NOT FOR HOUSEHOLD USE.

The user must be an adult. Do not allow children or people with handicap to use the appliance.

Installation and wiring:

The appliance must be installed by authorized personnel only. Incorrect installation may result in personal injury or property damage, for which the manufacturer cannot be held responsible.

- The appliance must be placed on a stable and flat surface.
- Do not install the appliance in rooms where water jets are used for cleaning.
- Before plugging in the appliance, make sure that the voltage and frequency values of the supply mains correspond to the rating plate.
- It is essential to ensure that the socket power supply is suitable for the appliance's power consumption, as is indicated on the rating plate, and the wall socket is voltage fluctuation protected.
- The wall socket must be fitted with an efficient earth contact (grounded). If in doubt, have it checked by an licensed electrician.
- Do not use extension cables, **plug adapters, multiple sockets or makeshift connections.**

Operating instructions:

Preliminary operations

Check that the hopper is positioned correctly on the appliance. Close the Hopper locking slide (**Fig. 1**) and fill the hopper with coffee beans. Open the slide to allow the coffee beans to fall in the grinding chamber.

Adjusting the grind

Your new DS-68 serie is delivered from the factory at a preset grinding of minimum fineness.

Use the **Adjustment disc** located under the hopper (**Fig. 1**), for obtaining a finer or coarser grinding result.

The Adjustment disc is functional only when the Indexing mechanism (Fig. 1**) is hold down.**

For coarser grinding turn the **Adjustment disc** anti-clockwise, for finer grinding turn the disc clockwise.

The **Adjustment disc** is blocked at the chosen position by releasing the **Indexing mechanism**.

Grind small amounts of coffee in order to determine the optimal degree of fineness.

A simple method to verify the grinding setting, is using the espresso machine. If the coffee comes out of the espresso coffee machine very quickly, it means that the coffee is ground too coarse. If it comes out too slowly, it means that the coffee is ground too fine.

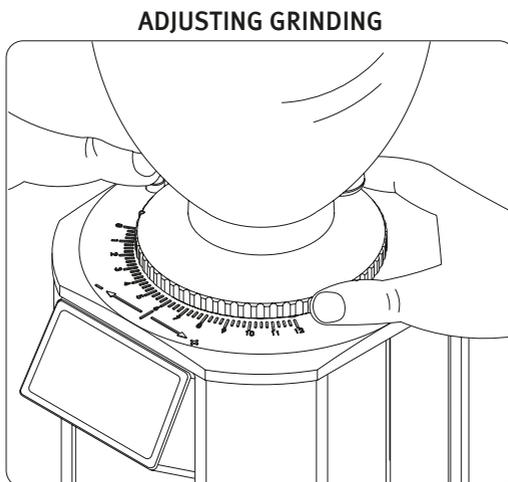


Figure. 2

Safety protection:

THERMAL OVERLOAD PROTECTION

The appliance's motor is protected against overheating by a thermal protection which, when tripped, cuts off the motor's power supply. If the protection trips as a result of anomalous operation, such as jamming the grinding burrs, the appliance must be turned off using the ON/OFF switch (*Fig. 1*), DISCONNECTED FROM THE MAINS AND CONTACT A LICENSED TECHNICIAN.

Noise level:

The maximum noise emission of this coffee grinder is measured in UNI EN ISO 3741 reverberating chamber in compliance with the EN 60704-1 regulations and complies with the EN 60704-1:1998 and EN 607043:1996 regulations.

The daily noise exposure of a worker, due only to an appliance's limited operation of 240 minutes per 8 hours, is 78 dB (A), according to ED 89/188/ECC and ED 200311/EEC. Therefore, during the daily operation, measures must be taken in order to prevent any injury from noise exposure (article 3-8 of ED 2003/10/EEC).

Maintenance:

It is essential to check the status of the cable and plug periodically.

IN THE EVENT OF DAMAGED SUPPLY CABLE OR PLUG, CALL A LICENSED TECHNICIAN TO REPLACE THEM. THIS WILL PREVENT ANY FUTURE DAMAGE OF THE APPLIANCE.

It is recommended to use original replacement parts to assure the proper working conditions of the appliance. A licensed technician must perform periodic maintenance, including detailed inspection of those components subject to wear.

The status of the grinding burrs must be checked periodically. Keeping them in an excellent condition, assures better productivity and cooler coffee outcome.

Cleaning the appliance:

THE APPLIANCE CANNOT BE CLEANED USING WATER JETS.

THOROUGH CLEANING MUST BE PERFORMED PERIODICALLY BY A LICENSED TECHNICIAN.

Use perfectly clean, disinfected cloths or brushes for cleaning.

Do not use abrasive products for cleaning in order to prevent damaging the shiny parts.

**NEVER PERFORM ANY MAINTENANCE OR CLEANING OF THE APPLIANCE
WHILE IT IS CONNECTED TO THE MAINS**

Hopper:

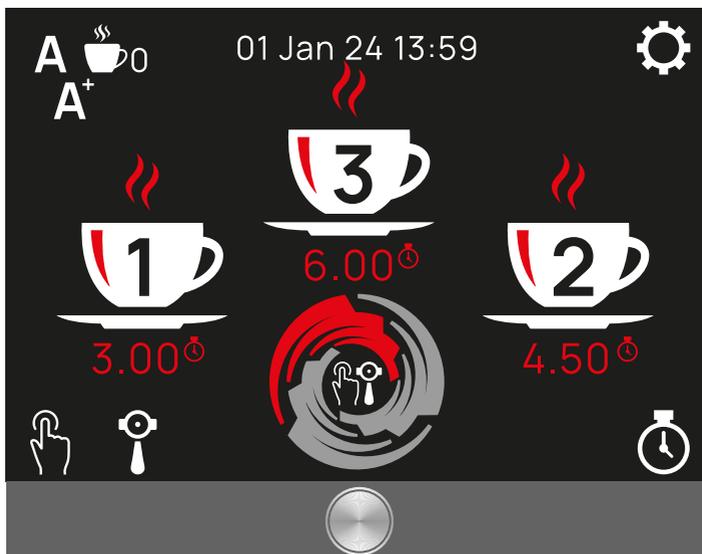
Wash the hopper once it has been removed from the appliance, using neutral soap and water, rinse abundantly with warm water and dry thoroughly. It is recommended to clean the hopper periodically.

Grinding Discs Replacement:

In order to change the grinding discs of the DS-68 please follow the steps found below:

- Close the **Hopper locking slide** (*Fig. 1*).
- Start the machine until you stop hearing the sound of coffee beans grinded.
 - **Unplug the machine.**
- Remove the hopper and check that no coffee leftovers are found in the grinding chamber.
- By keeping the **Indexing mechanism** pressed at all times, turn the **Coffee grinding adjustment disc** (*Fig. 1*) anti-clockwise until it is fully released.
- Unscrew the lower disc found in the grinding chamber and the upper disc found on the **Coffee grinding adjustment disc**.
- Clean thoroughly the surface where both discs were rested.
 - **Note: The grinding discs are not the same:**
Place the disc with less channels to the lower position (motor side).
Place the disc with more channels to the upper position (Coffee grinding adjustment disc)
- Place the new grinding discs in the above described position and fasten them tightly with their screws.
- By keeping the **Indexing mechanism** pressed at all times, turn the **Coffee grinding adjustment disc** (*Fig. 1*) clockwise until it is tightly fastened.
- Check that the Coffee grinding adjustment disc indicator (*Fig. 1*) is close to O.
- By keeping the **Indexing mechanism** pressed, turn the **Coffee grinding adjustment disc** (*Fig. 1*) anti-clockwise, until its indicator is indexed to 1.
 - **Connect the machine to the mains.**
 - **Set the working mode to Manual** (*Chapter 13*).
- Start the machine by pressing the  icon, **JUST ONCE**. If you hear the sound of metal scraping turn the **Coffee grinding adjustment disc** (*Fig. 1*) anti-clockwise until its indicator is indexed to 2.
- Start the machine again by pressing the  icon, **JUST ONCE** to make sure that you do not hear any sound of metal scraping.
- Set the working mode to your preference. **Auto** or **Auto Plus** (*Chapter 9*).
- Adjust the grinding fineness at the optimal setting (*Fig. 2*).

All Icons in One Screen



1

Running the Grinder for the First Time

When starting your grinder for the first time, it will run at:

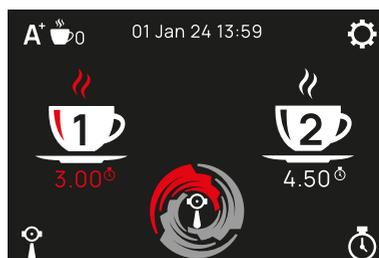
Factory default mode:

Grinding Dose:

- Single dose selected (RED)

Grinding Time:

- 3.0s for Single dose
- 4.5s for a Double dose
- 6.0s for a Triple dose
- Triple Dose: Inactive/Hidden
- Partial doses counter: Displayed
- Manual Grinding: Active
- Working Mode: Microswitch
- Grinding mode: Auto* (A*)
- Screensaver: 60s
- Ventilation: For 90s



2

Reaching the Settings Menu

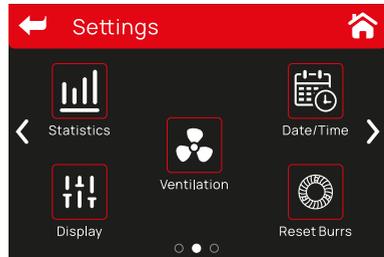
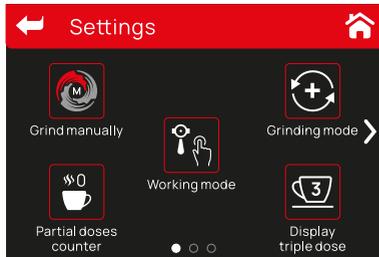
By tapping the Settings Menu icon  you will reach the users menu



3

Settings Menu

In the Settings Menu you can:



Select between:

- Grind manually/Or not
- Working Mode (Display/Switch)
- Grinding Mode (Auto/Auto*)

View on main display the:

- Triple dose
- Partial doses counter
- Grinding mode

Access the:

- Partial Doses info and reset
- Statistics info and reset
- Display settings
- Ventilation control
- Date and time settings
- Reset to factory settings
- Burrs change countdown and reset
- Language menu
- System Info and update
- Factory menu

(Only for authorized personnel)

4

Selecting the Working Mode

Before running your grinder for the first time you have to choose if you are going to initiate grinding by the microswitch or your display.

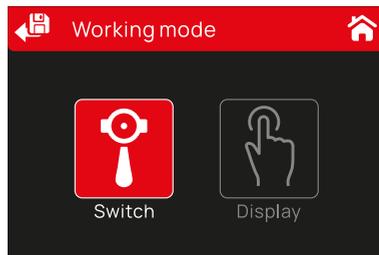
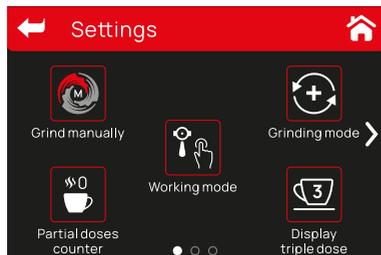
(Factory default Microswitch)

In order to choose the action mode:

Tap Settings Menu icon 

Select Working Mode: 

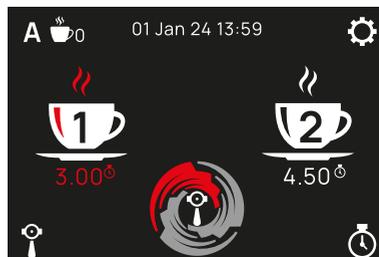
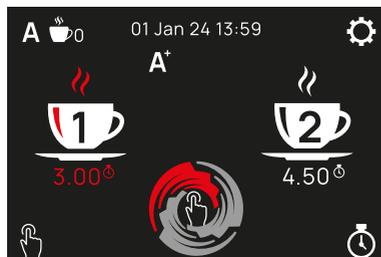
Tap  /  to shift between modes



To save your selection, tap the Back and Save icon 

After selecting Display, the main menu will display the hand icon

After selecting Microswitch, the main menu will display the portafilter icon



After 10s of inactivity the display shifts to Main menu. During inactivity if you press again the 10s refreshes

5

Grinding for the First Time

In Portafilter Mode

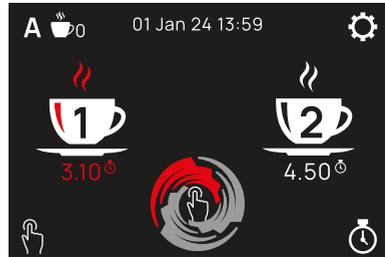
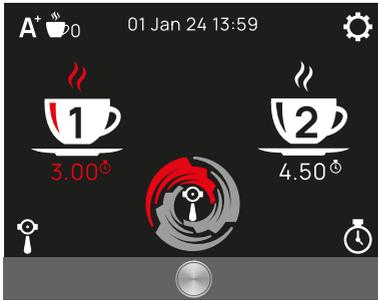
In this working mode, you have to select the dose you want to grind first, before pressing the microswitch with your portafilter.

Tap on the display the dose you want to grind, the dose icon as well as the grinding time will light red.

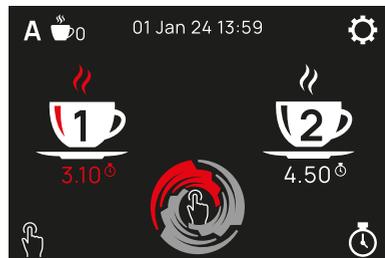
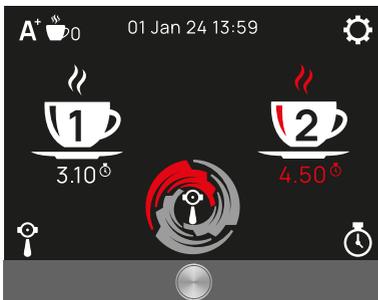
Press the microswitch  to start grinding

In Display Mode:

By tapping the dose you want extracted, the grinding cycle starts directly.



Default: Single cup



6

During Grinding

During grinding your display shows:

The grinding mode: Auto (A) / Auto+ (A+)

The cup selection: 1/2/3 cups

The grinding process countdown

During grinding you have the possibility to pause the process by tapping once **anywhere on the display**



7

When Paused

When you selected to pause your grinding process, the DIP logo stops turning and the **countdown** bar stops filling, the elapsed time **freezes**, the warning sign **!** appears **blinking**.

When paused you have the following two options:

Cancel: (Tap anywhere on the **Left Half** of the display)

The grinding process is stopped and the machine goes back to the grinding selection menu you where found before launching the grinding operation.

Resume: (Tap anywhere on the **Right Half** of the display)

The grinding process goes on, for the remaining time

After 5s of inactivity the display shifts to Main menu

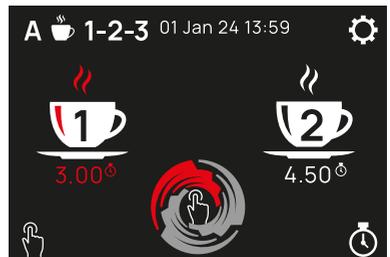


8

After Grinding

After Grinding:

- The machine retains the information of the last dose grinded ie. **single**
- **The partial doses counter will increment with 1 for a single dose, 2 for double, 3 for triple, according to the last dose grinded**



9

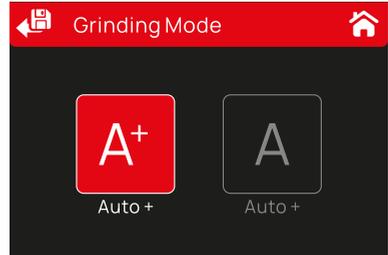
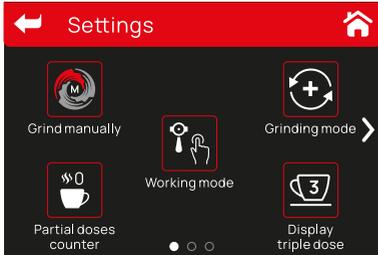
Grinding Modes

You have the possibility to choose between two grinding modes Auto(A) and Auto+ (A+). In order to choose between grinding modes:

Tap Settings Menu icon 

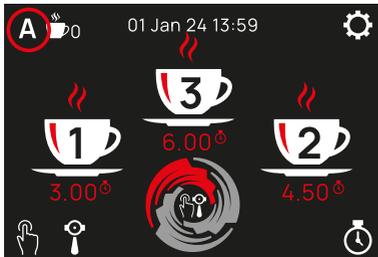
Tap the Grinding mode icon 

Tap  or  to shift between modes

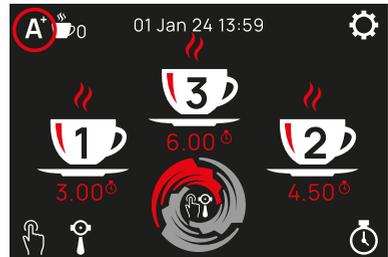


To save your selection, tap the Back and Save icon 

After selecting Auto or Auto+ your main display will shift to:



For Auto



For Auto+

10

Grinding Mode Auto+

This mode is designed for those who want to, eventually, add a small quantity of coffee in their dose (**Top Up**).

After the end of the cycle and for the next **5 seconds**, the display will turn to the Auto+ display. During these five seconds your grinder:

In switch mode:

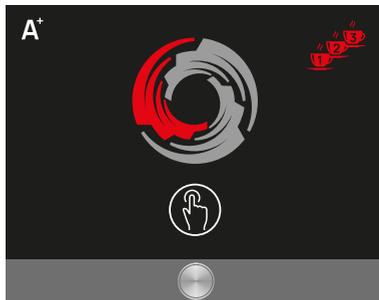
will run as long as you keep **PRESSED** the start micro switch  with your portafilter, or the  icon at your display. This way, you can grind small quantities of coffee over your standard dose.

In Display mode:

By pressing the display switch icon  on your display for as long as you need to top up.

The **dose counter** will increment +1/2/3 for the dose which was selected before topping up and the **manual counter** will increment with the number of seconds run.

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

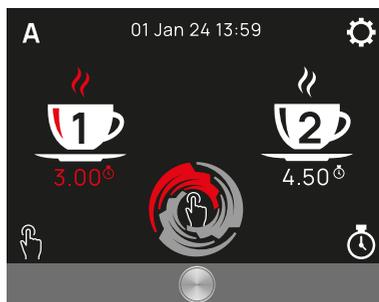
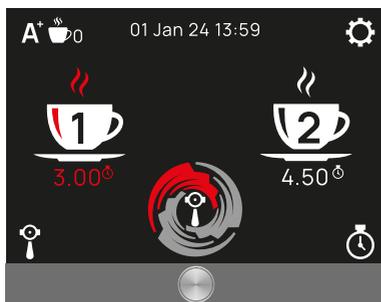


11

Grinding Mode Auto

When in Auto grinding mode:

In Switch mode:



In this working mode, you have to select the dose you want to grind first, before pressing the microswitch with your portafilter.

Tap on the display the dose you want to grind, the dose icon as well as the grinding time will light red.

Press the microswitch  to start grinding

After a complete cycle your counter will increment +1/2/3 for single, double or triple dose previously selected which was selected.

In Display mode:

By directly pressing once on your display, the dose selection icon .

Please note that in Auto mode you can grind only preset doses.

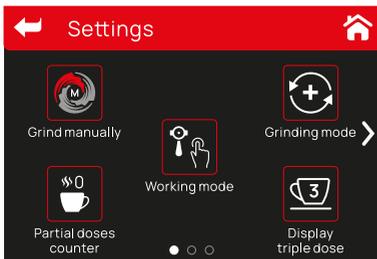
12 Activating/Deactivating Manual Grinding

In order to grind Manually, non regulated doses:

Tap Settings Menu icon 

Tap the Grind manually icon 

Tap  /  to shift between modes



To save your selection, tap the Back and Save icon 

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes.

13 Grinding Manually

In order to grind manually, the manual grinding mode has to be activated. See (Chapter 4)

When activated, the DIP logo sign will be **lighted**, displaying in it either the Display or Switch symbol according to working mode you have selected in (Chapter 4)

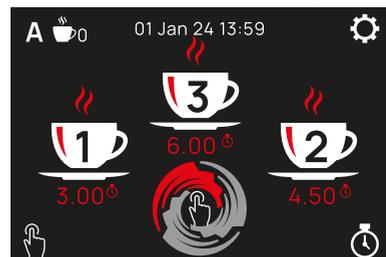
In Display Mode:

- Keep the  icon pressed on your display and the machine will start grinding as long as you keep it pressed

Active



Inactive



In Switch Mode:

- Keep the  icon pressed on your display and the machine will start grinding as long as you keep it pressed

Active



Inactive

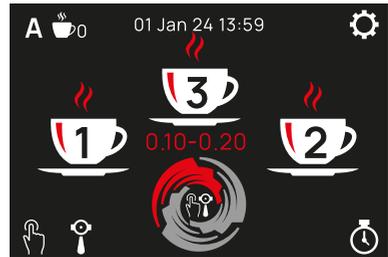


14

During Grinding Manually

When grinding manually

- The grinding time of all cups disappears.
- The manual grinding time appears over the manual grinding icon.
- Time will increment by 0.10s for as long as you keep the grinder running.
- The partial doses counter will increment with 1 after each 3s of grinding manually.



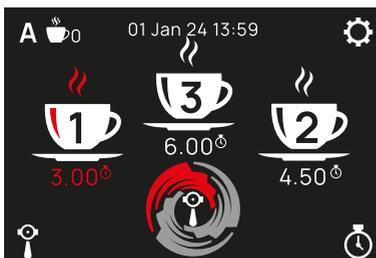
15

Setting the Grinding Time

1. Usually, setting the grinding time is based on the last dose grinded, therefore:
After grinding ie. a single on switch mode,

Tap the set grinding time icon 

The display will turn to setting time display:



- The last selected dose ie. 1cup will become red
- Press + or – to increase or decrease the time
- The time will increment by 0.10s

2. If you want to set a dose other than the last dose grinded, you can tap  the one you want to set, at the lower part of the display until it is found in the middle of the display in red.

Repeat as above to increase or decrease the time.

Note: When Triple dose is not activated, you cannot set the triple dose grinding time. You need to activate the Triple dose grinding capability (Chapter 20)



To save your selection, tap the Back and Save icon 

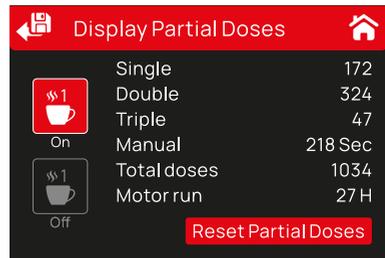
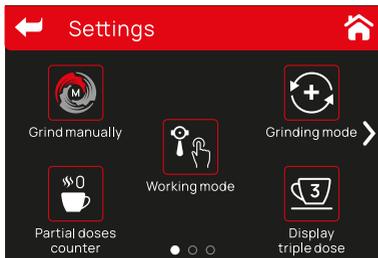
After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

16 Partial Doses

Partial doses are the number of doses grinded in a small period of time, ie. a day or a shift:

Tap Settings Menu icon 

Select the Partial doses menu 



In this menu you are able to see:

- Single doses grinded
- Double doses grinded
- Triple doses grinded
- Seconds run on Manual mode
- Total doses = An estimation of your days work in single doses
- The total time the grinder run since it was last reset from the factory

Please refer to the doses algorithm at (Chapter 32)

17

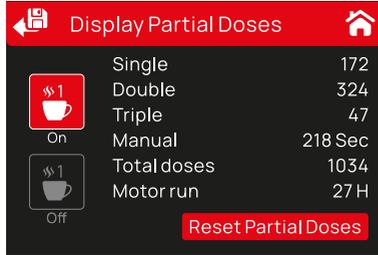
Reset Partial Doses

You can reset the partial doses counter at any time you need ie. the end of a day or the change of a shift. In order to reset partial doses:

Tap Settings Menu icon 

Select Reset Partial doses 

Select to reset the counter



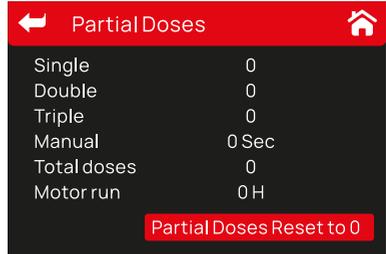
Select the Partial doses menu 

Confirm to reset



After resetting your counter the display will show: *(Partial doses reset to 0)*

Note: By resetting the partial doses counter you will not be able to access any past data.



After 5s of inactivity the display shifts to Main menu. During inactivity if you press again, the 5s refreshes

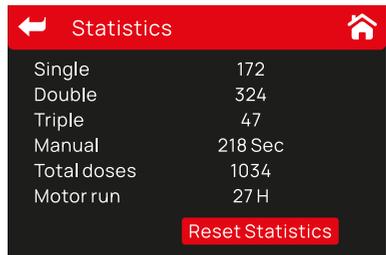
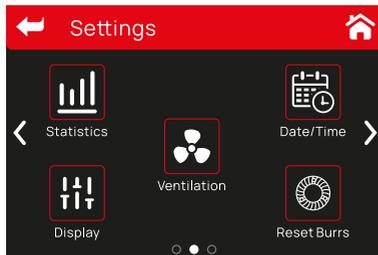
18

Statistics menu

In this menu you can see how many doses were grinded after 1st installation, or use it to report long periods of time ie. 1 year: In order to access statistics:

Tap Settings Menu icon  slide right to the second page of settings.

Tap the Statistics icon 



In this menu you are able to see:

- **Single doses grinded**
- **Double doses grinded**
- **Triple doses grinded**
- **Seconds run in Manual mode**
- **Total doses grinded**
- **The total time the grinder run since it was last reset from the factory**

Motor run time in Hours

Total doses are calculated by an algorithm same as the Partial doses. See [\(Chapter 32\)](#)

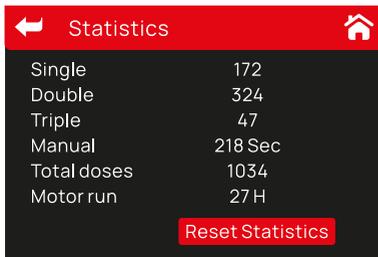
19 Statistics Menu Reset

You can reset statistics at any time you need:

In order to reset statistics: Tap Settings Menu icon  slide right to the second page.

Tap the Statistics icon 

Select to reset



Single	172
Double	324
Triple	47
Manual	218 Sec
Total doses	1034
Motor run	27 H

Reset Statistics

Confirm to reset



Att all statistics
will be deleted?

Reset **Abort**

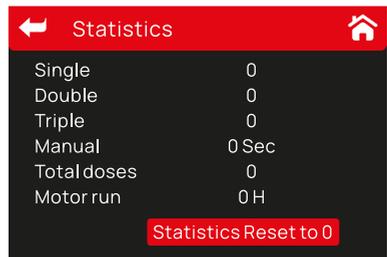
Confirm to reset twice



Are you sure you want
to reset Statistics?

Reset **Abort**

After resetting your counter display will look like



Single	0
Double	0
Triple	0
Manual	0 Sec
Total doses	0
Motor run	0 H

Statistics Reset to 0

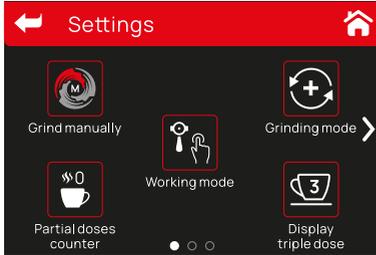
Note: After reset all stored information will be lost. Partial doses counter will be reset as well.

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

By turning on the triple dose setting you will be able to access the possibility to have a third time setting for any other than a standard single or double dose ie. A stronger or any specialty coffee of your choosing. To activate triple dose:

Tap Settings Menu icon 

Tap the Triple dose icon 



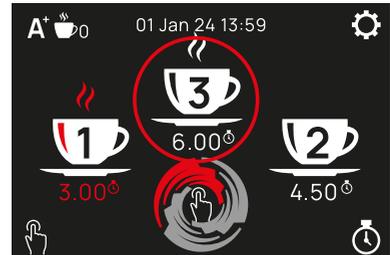
To activate triple dose displayed on your main display tap 



To save your selection, tap the Back and Save icon 

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again, the 5s refreshes

When Triple dose is activated the  icon appears to your main display



21

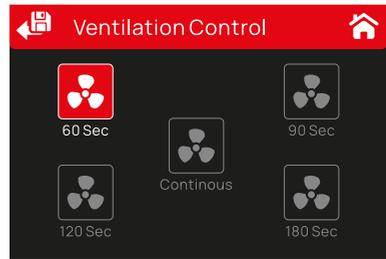
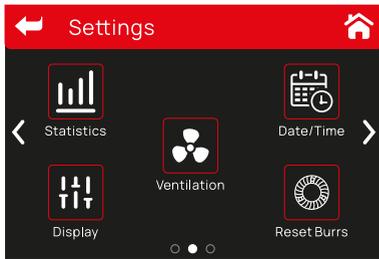
Ventilation Control

Your grinder is equipped with a 12 Volt ventilator in order to keep the grinding chamber cold at all times. In order to control ventilation:

Tap Settings Menu icon  Slide left to access the menu's second page

Select the Ventilation icon 

Set for how long the ventilation will work after each grinding cycle.



You can choose between: 60s-90s-120s-180s - OFF

To save your selection, tap the Back and Save icon 

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

22

Display Settings

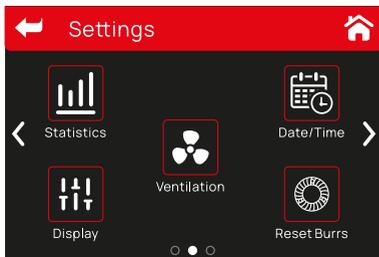
In this menu you can set your display with regards to:

- Brightness
- Screensaver

To set your display:

Tap Settings Menu icon  Slide left to access the menu's second page

Tap the display icon 

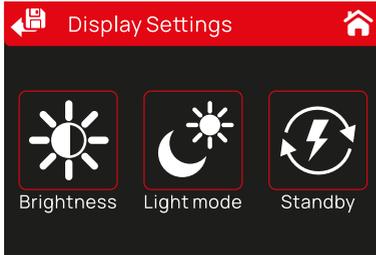


23

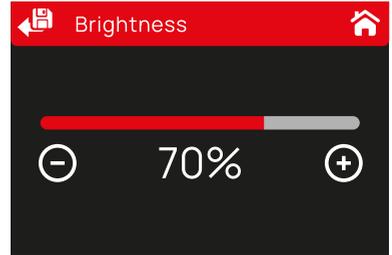
Display Settings Brightness

To set Brightness:

Tap the Brightness icon 



Slide left or right to set the desired luminosity of your display.



To save your selection, tap the Back and Save icon 

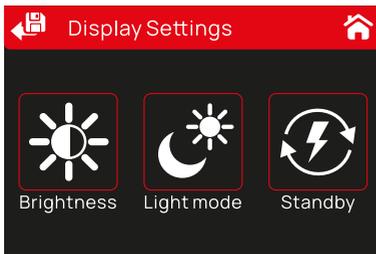
After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

24

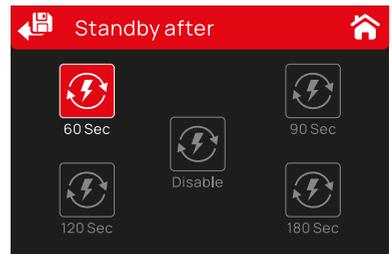
Standby (Screensaver)

To set the Standby time:

Tap Standby icon 



Select the time you want your display to enter in standby



You can choose to put your display to sleep between 60 to 180s, after inactivity.

To save your selection, tap the Back and Save icon 

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

25

Burrs Change Countdown

Your grinder is set to calculate at what time you should change your grinding discs.

Every 400 kg of coffee beans grinded your burrs need to be changed in order to provide you proper grinding quality.

Which is approx. 33 hours of run.

After 30 hours of motor run the warning icon will appear on your main screen flashing showing you 3.0h of motor run before burr change.

Tap wherever in the screen to cancel the warning message.

Every 8 hours the warning icon will appear on your main screen showing the working hours left before your burrs should be replaced.



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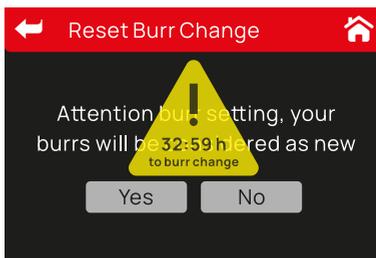
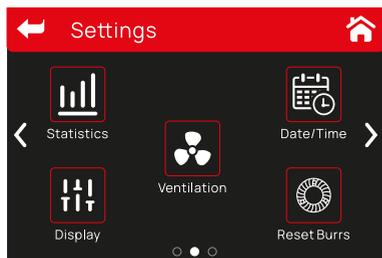
Burrs Change Reset

After changing your grinding discs, we suggest by a qualified technician, you can reset the burrs change counter.

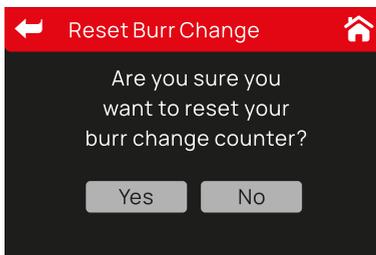
Tap Settings Menu icon  Slide left to access the menu's second page

Tap the Reset Burrs icon 

Select „Yes“ to reset.



Select „Yes“ twice to reset



After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

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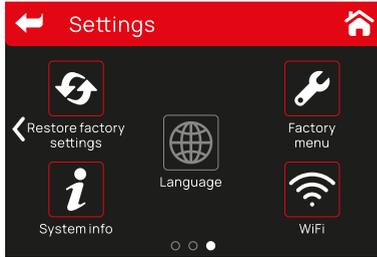
Restore Factory Settings

When in need, you can always turn back to the factory default settings.

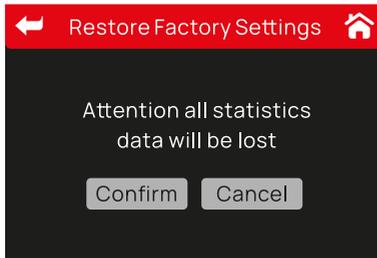
To restore factory settings:

Tap Settings Menu icon  Slide left twice to access the menu's third page

Tap Restore Factory Settings icon 



Confirm twice



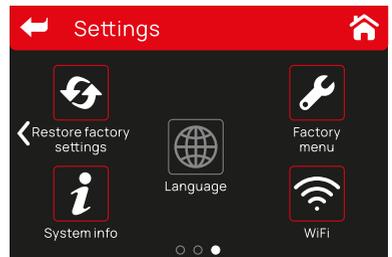
Note: if you restore the factory default settings all statistics will be lost

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Factory Menu

(for authorized personnel only)

Please contact service support for accessing the Factory menu

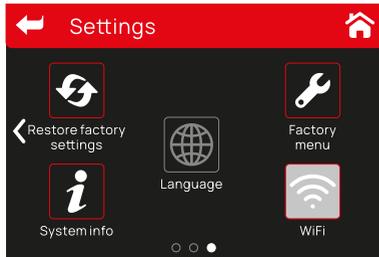


In this menu you can find and update the software version of your grinder.

To access System Info:

Tap Settings Menu icon  slide left twice to access the menu's third page

Select the System Info icon 



Connect your grinder over the Air. And get most of its benefits

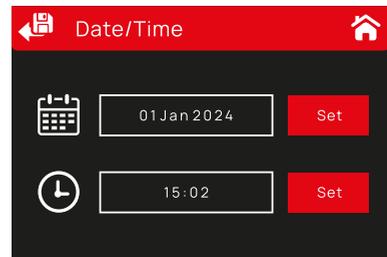
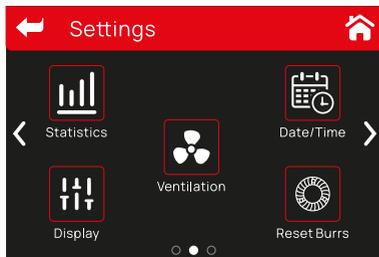
After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

You can set the grinder's date and time by accessing the corresponding menu:

Tap Settings Menu icon  slide left to access the menu's second page

Tap Date/Time icon 

Select the date or time:



Set the date:



Set the time:



To save your selection, tap the Back and Save icon 

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

Your grinder is equipped with a CR2032 battery, found on the printed circuit board, See [\(page 37\)](#) part number [471402](#). In the situation that the time and date do not respond properly please replace the battery.

Note: Disconnect the grinder from the mains before changing the battery

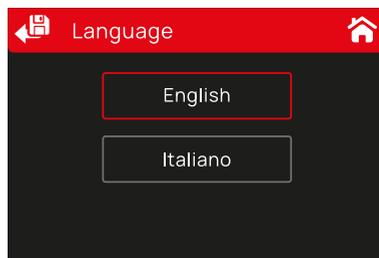
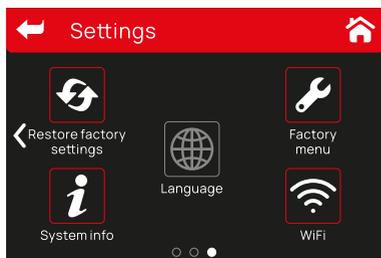
31 Set Display Language

You can set the grinder's display language by accessing the corresponding menu:

Tap Setting Menu icon  Slide left twice to access the menu's third page

Select the Language icon 

Select your preferred language



To save your selection, tap the Back and Save icon 

After 5s of inactivity the display shifts to Main menu. During inactivity if you press again the 5s refreshes

Display Partial Doses	
Single	172
Double	324
Triple	47
On Manual	218 Sec
Total doses	1034
Motor run	27 H
Reset Partial Doses	

The dosing algorithm works like this:

Single dose:	Increments with 1 ie. 3.0s
Double dose:	Increments with 2 ie. 4.5s
Triple dose:	Increments with 3 ie. 6.0s
Manual:	Increments with number of seconds run in manual mode
Total doses	Adds
Total number of single	ie $12 \times 1 = 12$
Total number of double x2	ie $8 \times 2 = 16$
Total number of triple x3	ie $6 \times 3 = 18$
Total number of seconds run in manual mode divided by 3	ie $72 / 3 = 24$
Add all the values above:	70

Motor Run in Hours: Total number of seconds run divided by 3,600 to display working hours

DS-68 with innovative features, that deliver faster, more precise and cooler grinding. **DS-68's** large ventilated discs guarantee faster shots in a cooler environment. Its redesigned grinding adjustment system assures delicate, high precision grinding that would satisfy any barista.

Redesigned grinding adjustment system
New user friendly software
Large grinding discs for faster shots
Ventilated to assure cool grinding

- Fresh on demand, coffee grinding, for every dose delivered
- No coffee decay due to pre-grinding
- Constant grinding which assures crema and coffee aroma
- Precise dosing by electronic control, to assure constant shots
- Individually adjustable single and double dose selector
- Daily doses, Total doses and Working hours truck counter

Technical information	DS-68
Voltage / Frequency	220-230V/50-60 Hz
Motor power	0.68kW
Average grinding capacity*	4.1 g/sec
Hopper capacity	1300 g
Grinding disc diameter	Ø 68mm
Net weight	9.8 kg
Dimensions (w x d x h),mm	200 x 280 x 550
Standard color	White
Optionals	Tamper

** The output can vary according to coffee beans and roasting method
Additional electrical specification are available upon request
Special colours can be ordered, please consult with our commercial department.*



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