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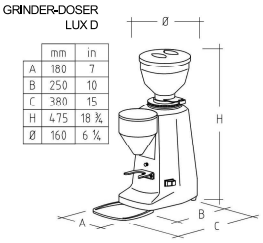
1) FOREWORD

Read this manual from cover to cover before using the appliance as it contains important instructions for the safety, operation and maintenance of the appliance.
Look after this manual and keep it in a safe place.
The manufacturer reserves the right to make changes to the product and to the manual.

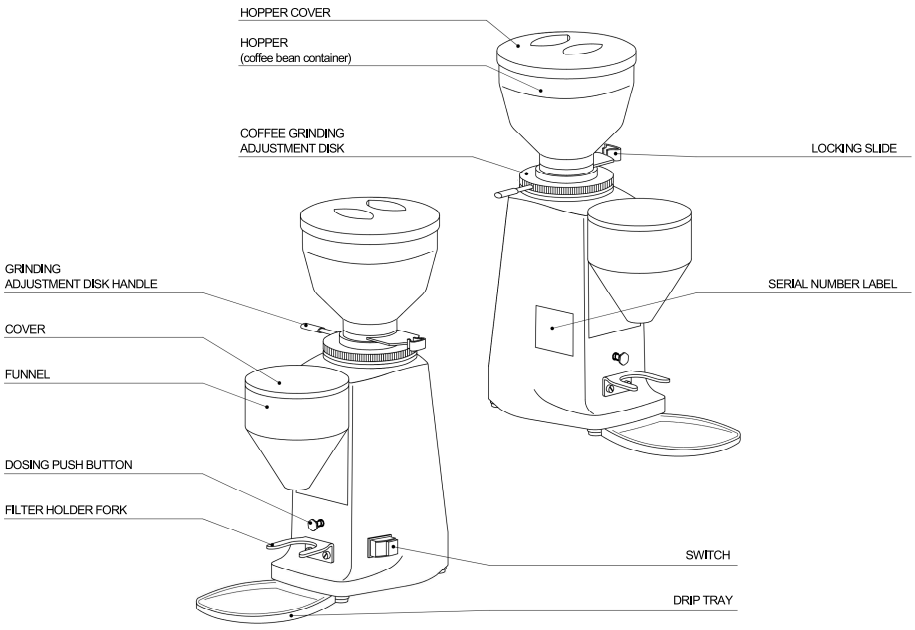
2) DIMENSIONS

GRINDER-DOSER
LUX D



	mm	in
A	180	7
B	250	10
C	380	15
H	475	18 ¾
Ø	160	6 ¼

3) GENERAL DESCRIPTION



4) PACKAGING

On opening the packaging, check carefully to make sure the appliance is intact and that there are no signs of damage. If in any doubt, do not use the unit and contact personnel with the appropriate professional skills.
The packaging materials must be kept out of the reach of children as they represent a potential source of danger.
Keep the packaging until the warranty has expired.

5) DISPOSAL

Do not litter: dispose of the packaging materials according to the laws in force.
Should you decide not to use the appliance any more, remember to unplug it so that it cannot be used, and then cut the cable in the point where it comes out of the appliance.
Contact specialized firms for information on the disposal of the components of the appliance.

INFORMATION FOR USERS RESIDING IN THE EUROPEAN UNION
Pursuant to art. 26 of Legislative Decree of March 14, 2014, no. 49: "Implementation of Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE)."

The crossed bin symbol shown here and on the equipment or its box indicates that, at the end of its useful life, the product (EEE) must be collected separately from other waste, with prohibition of disposal with mixed waste.
For more information, visit www.mazzer.com.

6) USE

This appliance has been designed SOLELY for grinding coffee beans. Any other use is understood 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.
THE GRINDER-DOSERS MANUFACTURED BY OUR COMPANY ARE INTENDED FOR SKILLED PERSONNEL ONLY FOR PROFESSIONAL USE AND **NOT FOR HOUSEHOLD USE**. The user must be an adult.
Do not allow children or incapable persons to use the appliance.

7) INSTALLATION AND WIRING

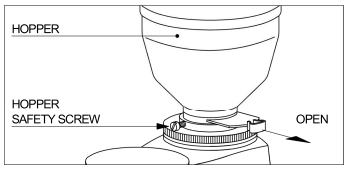
The appliance must be installed by skilled technical personnel in conformity with the safety rules in force. Incorrect installation may result in injury of persons or animals, or damage to property, for which the manufacturer cannot be held responsible.

- The appliance must be placed on a stable, flat surface (we recommend to install the appliance at an height between 80 and 100 cm from the floor).
- Before plugging in the appliance, make sure the voltage and frequency values of the supply mains correspond to the ratings indicated on the label featuring the appliance's technical data.
- The wall socket must be fitted with an efficient earth contact. Consequently, it is essential to make sure the earth system is efficient and in conformity with current safety rules. If in any doubt, have the system thoroughly checked by personnel with the appropriate professional skills.
  IT IS COMPULSORY TO EARTH THE APPLIANCE.
  The manufacturer cannot be held responsible in the event this regulation is not complied with.
- It is essential to make sure the ratings of the system are suitable for the power absorbed by the appliance - as indicated on the label featuring the technical data - and that the wall socket is protected against overcurrents.

- Do not use extension cables, plug adapters for multiple sockets or makeshift connections.
- In EEC member countries, the regulation in force calls for the external equipotential terminal ⏚ on the outer part of the appliance's base plate to be connected to a equipotential node if the installation is to be correct.
- THE HOPPER MUST BE FASTENED TO THE APPLIANCE'S GRINDING SYSTEM BY MEANS OF THE RELEVANT SCREW which must be inserted in the threaded hole located on the upper grinding blade holder and in the hole on the neck of the hopper.
- The appliance is suitable for indoor use only. Do not use the appliance outdoor.
- Thoroughly clean the appliance at the first installation; follow the instructions in chapter 9 and 14.
- Do not install the appliance near to water dispenser or similar product that could throw water jet on the appliance.

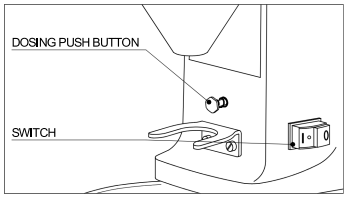
8) OPERATION OF THE APPLIANCE

PRELIMINARIES



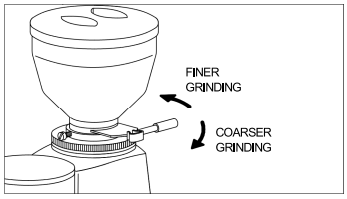
Make sure the hopper is positioned correctly on the appliance and is fastened to the upper grinding blade holder by means of the relevant screw.
Close the locking slide and fill the hopper with coffee beans. Open the locking slide so that the beans are allowed to drop into the grinding system.

SWITCHING THE APPLIANCE ON AND OFF



In order to power up the appliance, set the on-off switch to I.
Place the filterholder on the filterholder fork and press the "dosing button". Hold the button in until the desired dose is ground. Once the "dosing button" is released the grinder stops grinding.
In order to switch off the appliance manually, set the on-off switch to O.

ADJUSTING GRINDING



In order to achieve finer or coarser grinding, the adjustment disk located under the hopper must be adjusted using the relevant handle. In order to increase the coarseness of the ground coffee, the disk must be rotated clockwise; to decrease, turn the disk anticlockwise.
The disk remains in the chosen position without having to be locked in place. The adjustment must be performed with the motor on, and preferably without any coffee between the grinding blades. Grind small amounts of coffee in order to determine the optimal degree of fineness.
Before checking the fineness of the ground coffee, grind some doses of coffee to fill the duct between the grinding area and the outlet. This operation must be done whenever the grinding setting has been changed in order to empty the duct of the previous ground coffee.
If the coffee comes out of the espresso coffee machine very quickly, it means the coffee is ground too coarse. Vice versa, if it comes out too slowly, it means the coffee is ground too fine. Nonetheless, bear in mind that there are many conditions liable to influence the correct supply, such as the weight of the portions, the compacting, the espresso machine settings, and the cleaning of the filters.

9) WARNINGS REGARDING OPERATION

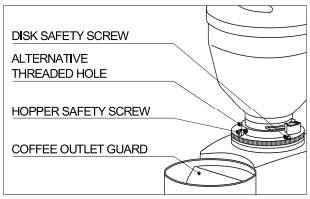
- Do not insert, when filling the hopper with coffee beans, foreign objects. Handle with clean hands.
- After any hopper filling and in normal use of the appliance, the hopper lid must be positioned correctly.
- FIRST INSTALLATION
  For the correct use of the grinding blades, at the first installation or whenever the grinding blades have been replaced, grind some doses of coffee. Do not use those first doses.
  For the appliance to function at its best, on its first installation and every time the hopper is cleaned, after having ground a few coffee doses, clean the inner surface of the funnel with a dry brush.
- OPERATING RANGE OF THE MOTOR
  IN THE VERSIONS WITH SINGLE-PHASE MOTORS, OBSERVE THE DUTY CYCLE STATED IN THE LABEL LOCATED ON THE SIDE OF THE APPLIANCE.
  E. g. : a data on the label 35s ON / 45s OFF points out an allowed duty cycle of 35 seconds switched on and 45 seconds switched off.

10) SAFETY DEVICES

THERMAL OVERLOAD PROTECTION

The appliance's motor is protected against overheating resulting from overcurrents by a thermal overload protection which, when tripped, cuts off the power supply to the motor. Should the protection trip as a result of anomalous operation, such as the grinding blades jamming, the appliance must be turned off using the on-off switch, UNPLUGGED FROM THE MAINS, AND SKILLED TECHNICAL PERSONNEL CONTACTED. NEVER PERFORM ANY WORK ON THE APPLIANCE WHILE IT IS ATTACHED TO THE MAINS, TO AVOID THE RISK THAT MOTOR TURNS ON SUDDENLY. If the appliance overheats as a result of the motor stopping, allow the appliance to cool down before performing any repair work.

SAFETY SCREWS



The hopper must always be attached to the upper grinding blade holder using the relevant screw, which must not be removed by the user under any circumstances.
In order to prevent the adjustment disk from being removed - which would make the rotating parts accessible - there is a safety screw on the actual disk: said screw must be positioned in whichever of the two holes on the disk enables the wider and most suitable range of grinding adjustment, and must not be removed by the user under any circumstances.

COFFEE OUTLET GUARD

The coffee outlet guard must always be fixed to the funnel using the relevant screws, which must never be removed by the user. THE REMOVAL OF THE COFFEE OUTLET GUARD CAN BE DONE BY SKILLED TECHNICAL PERSONNEL ONLY AFTER DISCONNECTING THE APPLIANCE FROM THE POWER SUPPLY BY UNPLUGGING.
Before reconnecting the appliance to the power supply, fix the safety device to the doser, or to the funnel, by relevant screws.

11) WARNINGS REGARDING SAFETY

This electrical appliance must be used in conformity with the rules in force governing safe operation.

- WHEN OPERATING THE APPLIANCE, BEWARE OF THE MOVING MECHANICAL PARTS' IN THE AREA OF THE GRINDING BLADES AND OF THE GROUND COFFEE OUTLET. BEFORE REMOVING THE HOPPER FROM THE GRINDING SYSTEM, DISCONNECT THE POWER SUPPLY. AVOID REMOVING FOREIGN BODIES FROM THE GRINDING SYSTEM OR HOPPER WITHOUT FIRST UNPLUGGING THE APPLIANCE FROM THE MAINS.
- Take care, as the grinding blades may continue rotating for a short while even after the appliance is switched off.
- THE USER IS NOT AUTHORIZED TO REMOVE SCREWS OR ANY PARTS SCREWED ONTO THE APPLIANCE.
- In the event the appliance is not working properly or is faulty, contact skilled technical personnel, and do not attempt to make repairs yourself.
- BEFORE PERFORMING ANY WORK ON THE APPLIANCE, INCLUDING CLEANING AND/OR MAINTENANCE, DISCONNECT IT FROM THE POWER SUPPLY BY UNPLUGGING. TURNING OFF THE APPLIANCE USING ITS MASTER SWITCH DOES NOT ASSURE THE SAME CONDITIONS OF SAFETY.
- Do not tamper with the appliance.
- When the appliance is left unattended, the appliance's power supply must be disconnected using its master switch (for example, at night, during work breaks, midweek closing or holidays).
- Do not let liquids of any kind come into contact with the internal or external parts of the appliance.
- Never put ground coffee in the hopper intended only for coffee beans.
- DO NOT TUG ON THE SUPPLY CABLE TO UNPLUG THE APPLIANCE FROM THE MAINS.
- Do not touch the appliance with damp or wet hands or feet.
- Do not use the appliance barefoot.

The manufacturer cannot be held responsible for bodily injury or damage to property if these regulations are not complied with.

12) NOISE LEVEL

EEC Countries:

The maximal noise emission of our appliances (valued as acoustic power) is 81 dB(A).
The daily personal noise exposure of a worker, due ONLY to an appliance's limit operation of 240 minutes per eight hours, is 78 dB(A), according to European Directive 86/188/EEC and European Directive 2003/10/EC. Therefore during he appliance's normal operation, no provisions are to be taken in order to prevent such risks arising or likely to arise from noise exposure at work (articles 3-8 of European Directive 2003/10/EC).

USA & Canada:

The noise level of our appliances is included within the limits stated in U. S. regulation 29 CFR 1910. 95 *('Occupational Health and Environment Control - Occupational noise exposure')* for eight hours continuously in a day (in reference to a noise exposure due solely to appliance operation).

Said noise level has been determined on identical news appliances.

13) MAINTENANCE

It is essential to check the state of the supply cable and plug periodically.
IN THE EVENT THE SUPPLY CABLE OR PLUG ARE DAMAGED, CALL IN SKILLED TECHNICAL PERSONNEL TO REPLACE THEM, THIS TO PREVENT ANY RISK.
IN CE-CERTIFIED APPLIANCES, A SPECIAL TOOL IS REQUIRED TO OPEN THE BASE PLATE TO GET AT THE CABLE.
It is recommended to use original spare parts only.

In order to assure the lasting efficiency of the appliance, skilled technical personnel must be called in to perform periodical maintenance, including detailed checks of the state of those components subject to wear.
The state of the grinding blades must be checked periodically. Keeping the grinding blades in an excellent state assures high-quality grinding, resulting in greater productivity and limited overheating.

14) CLEANING THE APPLIANCE

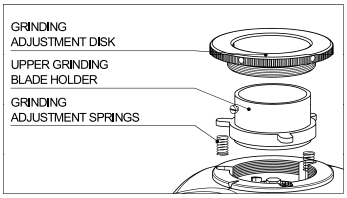
DISCONNECT THE APPLIANCE'S POWER SUPPLY BY UNPLUGGING IT BEFORE CLEANING. THE APPLIANCE MUST NOT BE CLEANED USING WATER JETS.
Do not install the appliance in rooms where water jets are used for cleaning.
THE APPLIANCE MUST BE CLEANED PERIODICALLY BY SKILLED TECHNICAL PERSONNEL ONLY.
Use perfectly clean, disinfected cloths or brushes for cleaning.
Do not use abrasive products as these are liable to take the sheen off shiny parts.

Hopper

Wash the hopper once it has been removed from the appliance (unscrewing the relevant fastening screw), using neutral soap and water, rinse abundantly with lukewarm water and dry thoroughly. It is advisable to clean the hopper periodically. Once the hopper has been cleaned, it must be attached to the upper grinding blade holder using the relevant screw.

Grinding system

Remove the safety screw which prevents the adjustment disk from being removed. Unscrew the adjustment disk by turning it clockwise. Having removed the upper grinding blade holder, clean the grinding blades, threads and the entire grinding system thoroughly using a clean brush and cloth. To clean the threads of the grinder please use a small wire brush.



We recommend to check that the threads of the grinder and of the grinding adjustment disk are clean: to do so screw the adjustment disk anti-clockwise
without the upper blade holder until the end. If the grinding adjustment disk can not turn easily, than it is necessary to clean again. If the cleaning operations are not done as above the risk is to damage the threads.
Please check that the grinding adjustment springs are on their place. Having refitted the upper grinding blade holder in the relevant slot, please lubricate, with grease suitable for food contact, the threads of the grinding adjustment disk and its underneath surface which touches the upper grinding blade holder.
Screw the adjustment disk by turning it anticlockwise, put the self-locking screw back in whichever of the two holes on the disk enables the best adjustment and, having refitted the hopper and secured, adjust the grinding as required.

Funnel

After having removed the lid, clean the funnel and its lid with a dry and disinfected brush.

Mazzer Luigi srl

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