

Virtuoso™

Conical Burr Coffee Grinder

OPERATIONS MANUAL



INTRODUCTION

Thank you for purchasing the Virtuoso™ Conical Burr Coffee Grinder. With the Virtuoso™, it's now easier than ever to make professional quality coffee.

Below are detailed descriptions of the features that make the Virtuoso™ stand out from other grinders in its class.

Precision Conical Burrs

Manufactured in Europe, the Virtuoso's™ 40 mm conical burrs grind coffee at 1.5 to 2.4 g/sec. depending on the setting. But what really sets the Virtuoso™ burrs apart is that these burrs can do a very uniform grind, with a distinct lack of fines across its grinding range. The Virtuoso™ burrs are exceptional for espresso, drip, manual brewing methods and Press Pot. These conical burrs are durable and will remain sharp for many years. The burrs have a precision mounting system to ensure a stable platform for accurate grinding.



Grind Adjustment

The range of grind and accuracy of settings is truly impressive. The Virtuoso™ has 40 distinct settings to enable grinding from Espresso to French Press, with the simple turn of the hopper.

Efficient Motor

The Virtuoso™ houses a powerful DC motor that produces more than four times the output with twice the efficiency of a standard AC motor found in most grinders in this class. The motor spins at less than one-third the speed, making it much quieter and lower in pitch. Extremely well-made, the motor is built to handle long-duty cycles. In addition, it possesses a thermal safety device that protects the motor from overheating and automatically resets once the motor cools.

TABLE OF CONTENTS

INTRODUCTION	2
TABLE OF CONTENTS	4
PARTS IDENTIFICATION	6
SAFETY INFORMATION	7
OPERATION	9
Setting the Grind Control	10
Adjustable Self Timer	11
Front Mounted Pulse Button	12

CARE and CLEANING	13
Removing the Bean Hopper	13
Removing the Ring Burr	13
Cleaning the Grounds Bin, Hopper and Burrs	14
Replacing the Ring Burr	14
Replacing the Bean Hopper	15
Clearing a Clogged Grinder	15
Automatic Cleaning	16
WARRANTY and SERVICE	17

PARTS IDENTIFICATION

Virtuoso™



Hopper Lid

Whole Bean Hopper

Grind Setting Indicator

Grind Adjustment Scale

Pulse Button

Ground Coffee Bin

Adjustable Self-Timer

Center Cone Burr

Grind Adjustment Tab

Grind Adjustment Ring

Silicone Seal (cutaway)

Removable Ring Burr

Burr Alignment and Lifting Tabs



SAFETY INFORMATION

Please read the information below very carefully. It contains important safety information for this appliance. Please keep these instructions for future reference.

- ▶ Use only with AC current and the correct voltage. See the label on the base of the grinder to determine the correct voltage.
- ▶ Only clean the grinder housing with a dry or slightly damp cloth.
- ▶ Do not use this grinder for anything other than its intended use (i.e. grinding whole roasted coffee beans).
- ▶ Baratza will not accept any liability for damage or injury if the grinder is used other than for its intended purpose or is improperly operated or repaired. All warranty claims will be void.
- ▶ Disassemble your grinder only as directed in the Care and Cleaning Section of this manual. If you cannot remedy a malfunction, check www.baratza.com and visit our Troubleshooting page.
- ▶ Do not operate the grinder with a damaged cord or plug, or if the grinder malfunctions.



- ▶ Do not leave your grinder unattended while turned ON.
- ▶ Shut off and unplug the grinder from the electrical outlet when not in use and before cleaning.
- ▶ To unplug, grasp plug and remove from the outlet. Never pull on the cord.
- ▶ Keep your grinder out of the reach of children.
- ▶ Do not immerse the grinder, plug or cord in water or any other liquid.

CAUTION: ALWAYS unplug the electrical supply cord prior to cleaning the grinder.

OPERATION

Before Using Your Grinder

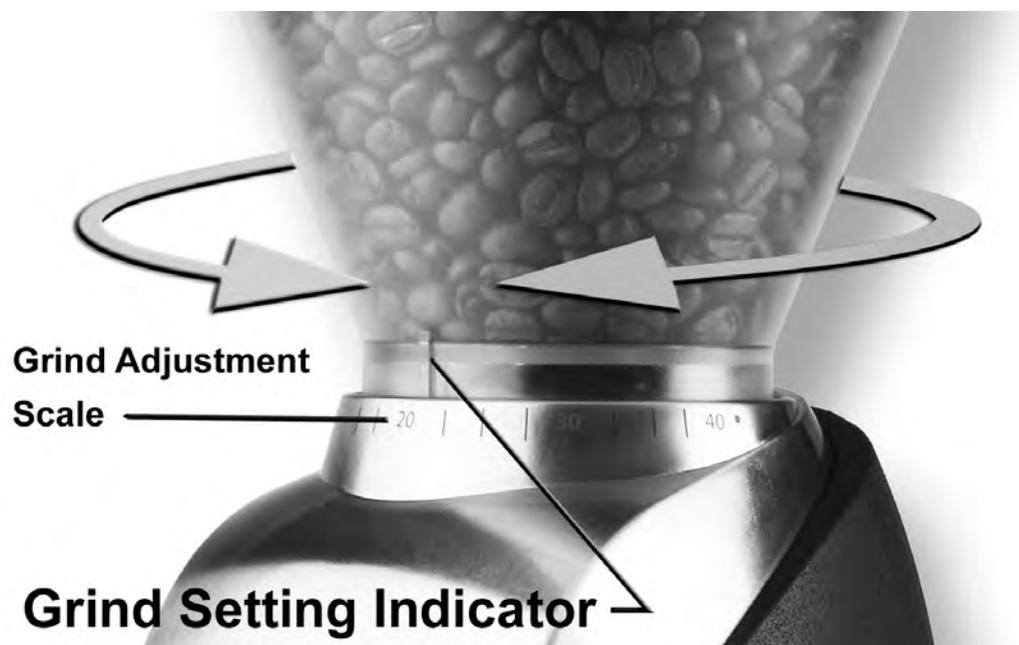
Prior to using your Virtuoso™ grinder for the first time you should wash the bean hopper and ground coffee bin in warm soapy water. See the section on Care and Cleaning for instruction on how to remove and reinstall these parts. There may be some rust on the burrs when you receive your grinder. This is normal and will disappear after a small amount of coffee has been ground. To remove the rust and season the burrs, grind 1/4 pound of coffee and discard.

Initial Operation

Place the Virtuoso™ on a level surface and plug into a correct voltage, AC outlet only. Remove the lid from the hopper by lifting off. Pour the desired quantity of roasted whole coffee beans into the hopper up to a maximum of 8 oz. Replace the lid. Ensure the ground coffee bin is fully inserted.

Setting the Grind Control

Slowly rotate the bean hopper clockwise or counter clockwise to align the indicator on the bean hopper with the desired number setting on the grind scale. (Lower number=smaller particle size) Select the correct grind for the brew process you are using.



Turning the hopper to the right (counter-clockwise) produces a bigger particle size and left (clockwise) produces a smaller particle size.

The settings shown in the table below can be used as a general guideline. The actual grind size for a particular setting will vary depending on many factors including: degree of roast (light vs. dark), freshness, humidity, type of bean, oil content, etc. With use, you will determine the setting that is right for your taste, brewing style and your favorite beans.

Espresso

2-6

Drip and Pourover

Brewer 13-14

V60 13-14

Chemex 20-21

Full Immersion

AeroPress 8-11

Siphon 14

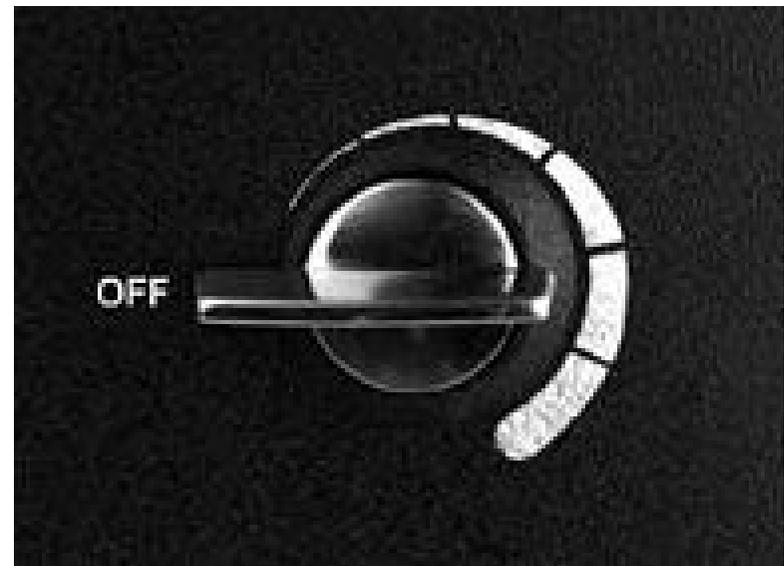
French Press 30-32

Note:

Partially ground coffee beans may remain between the burrs after the grinder is turned off. When making ANY grind adjustments, the grinder must be running.

Adjustable Self Timer

The Virtuoso™ is equipped with a 60 second timer switch. Each segment around the timer represents about 10 seconds of run time. The grinder switches off automatically once the time has elapsed. If you want to interrupt grinding before the time has elapsed, simply turn the timer switch counterclockwise until the grinder switches off.



The quantity of ground coffee you need depends on the type of bean, coarseness of the grind, brewing method and personal taste. With use, you will find the most suitable settings for your personal taste.

Front Mounted Pulse Button

For short duration grinding, the Virtuoso™ is equipped with a front mounted pulse button. It can be used for grinding directly into an espresso-brewing basket. Remove the grounds bin and position the espresso-basket inside the grinder directly below the pulse button (see photo). Push and hold the pulse button to grind. Grinding will stop when the button is released.



Note:

It is important that the espresso basket is held below the discharge chute so the coffee powder can fall freely into the basket. Holding the basket up tight to the discharge chute will cause coffee to back up and jam your grinder.

CARE and CLEANING

Removing the Bean Hopper

Remove all beans from the hopper then press the front mounted pulse button to run any remaining beans through the grinder. Remove the plug from the power outlet. Remove the hopper by rotating it counterclockwise until it stops, and then lift the bean hopper off of the grinder housing.



Removing the Ring Burr

Pull the silicone seal off the top of the Ring Burr. Remove the ring burr by lifting it straight up out of the grinder by the lifting tabs. If the burr does not lift out, ensure that the grind adjustment ring is turned fully counterclockwise.

Cleaning the Grounds Bin, Hopper and Burrs

Wash the grounds bin, hopper, and the hopper lid in warm soapy water, then rinse and dry.

If the grinder is used daily, the burrs should be cleaned at least every few months using tablets (see below for Automatic Cleaning) or with a stiff brush. Proper cleaning enables the burrs to achieve the most consistent grind possible. Cleaning also removes some coffee oils, which will stale and degrade the flavor of the ground coffee.

Caution

Do not put the bean hopper, hopper lid or ground coffee bin in the dishwasher. Hand wash only. Do not immerse the grinder housing in water. Do NOT wash the burrs with water.

Replacing the Ring Burr

Ensure that the black adjustment ring is rotated counterclockwise as far as it will go. Replace the burr by lining up the



red tab on the burr with the rectangular cutout on the black adjustment ring. Wiggle and push down firmly on the ring burr to ensure that it seats properly. After replacing the burr, replace the silicone seal by lining up the two slots in the silicone seal with the small tabs on the top of the ring burr and slide the seal onto the ring burr.

Replacing the Bean Hopper

To replace the bean hopper, line up the two small tabs on the base of the hopper with their respective slots in the top of the grinder housing and insert the hopper into the grinder. Once the hopper is in place, rotate it clockwise.



Clearing a Clogged Grinder

If your grinder is not dispensing coffee normally, it could be clogged with coffee powder. This can happen if the grounds bin or portafilter are allowed to overfill and ground coffee gets backed up into the grounds chute and grinding chamber. It can also happen with the buildup of coffee powder over time.

Go to the Troubleshooting section on Baratza.com for help unclogging your grinder.

Automatic Cleaning

A thorough, fast, and easy cleaning can be accomplished using Full Circle™ biodegradable grinder cleaning tablets. Full Circle tablets are designed to dislodge coffee particles and absorb and remove odors and coffee oil residue. Remove all beans from the hopper and run the grinder to remove any beans inside. Place the recommended amount of Grindz into the empty grinder hopper. Adjust the grind setting to 30, place insert the grounds bin and use the pulse button to run the grinder. Grind all of the tablets into the bin. Once complete, we recommend grinding approximately 30g coffee to remove any tablet residue. Discard the ground tablets/coffee. For information on Full Circle cleaning tablets, go to www.urnex.com.



WARRANTY and SERVICE

U.S. and Canadian Warranty Information

Limited Warranty for Baratza Grinders is 1 year from the original date of purchase. This warranty covers all defects in materials and workmanship (parts and labor) including free ground transportation to and from our repair facility within the US and Canada. This warranty does not apply to: improper use, lack of cleaning, abuse, normal wear and tear, lack of proper adjustment, foreign objects (stones, screws, etc.) in the beans, or uses outside the intended use of grinding whole roasted coffee beans. If your grinder fails within one year, email support@baratza.com or call 425-641-1245. For additional warranty, support, or troubleshooting information, go to www.baratza.com.

International Warranty Information

For all countries outside the US and Canada, the warranty, support and service is provided by the International Retailer you purchased from. To find a retailer near you go to <http://www.baratza.com/retailers/international>.

Proof of Purchase and Product Registration

You can register your grinder at www.baratza.com. Registration will enable us to contact you in the unlikely event of a product safety notification and assist us in complying with the provisions of the Consumer Product Safety Act. The serial number is located on the bottom of the grinders. Please keep your sales receipt that shows the date of purchase.

For Repairs or Questions

Email: support@baratza.com

For Parts and Information go to: www.baratza.com.



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