

Kony/S⁹

by **MAZZER[®]**



Weight-based grinding

Low RPM conical burr grinder with built-in load cell designed to deliver precise and consistent doses while streamlining the grinding process. Silent and with low coffee retention, it helps to get velvety well balanced extractions.

electronic - on demand THE RANGE

flat burrs

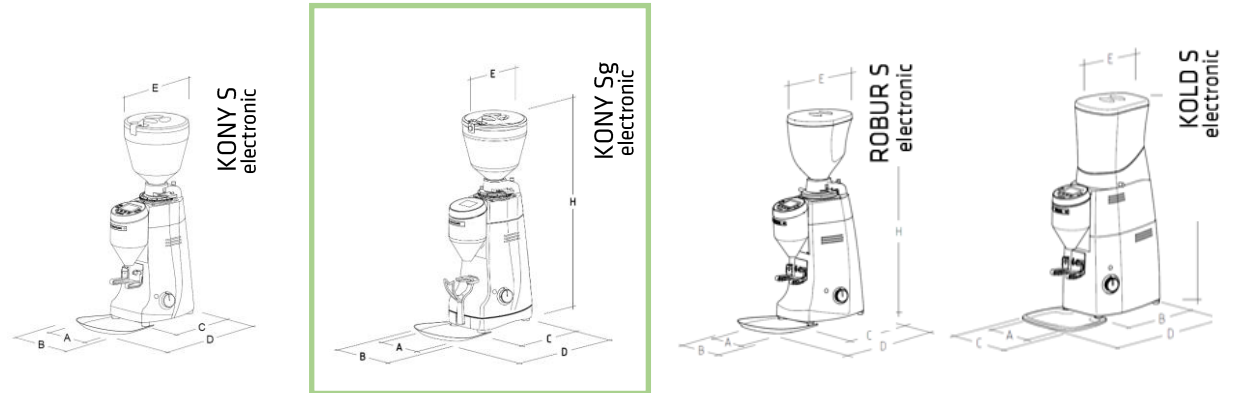
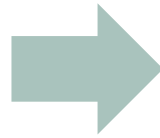


low volume

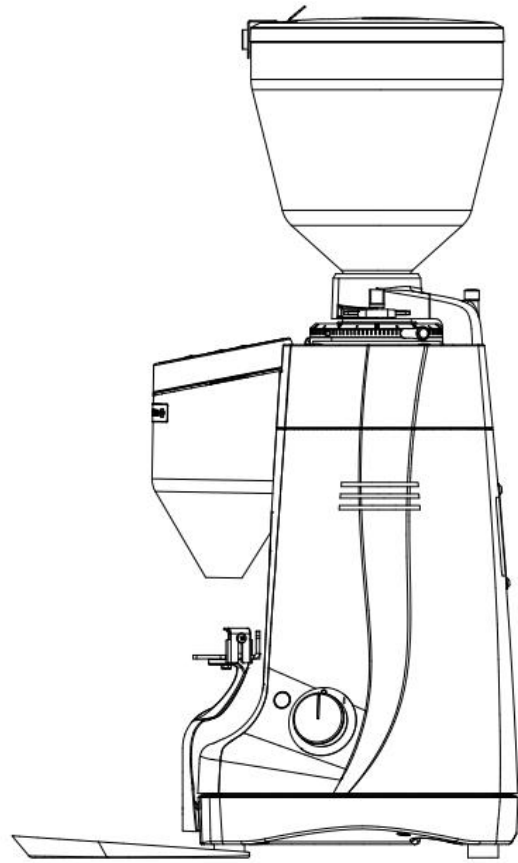
medium volume

high volume >>

conical burrs



MAZZER



NAME

KONY Sg

VERSIONS

WEIGHT BASED

PRODUCTION STARTS

2024

BREWING METHOD

ESPRESSO

VOLTAGE | FREQ. | PHASES | POWER

220 – 240 V | 50/60 Hz | 1 ~ | 450 W
120 V | 60 Hz | 1 ~ | 450 Watt

GRIND ADJUSTMENT

stepless micrometrical

GRIND ADJUSTMENT INDEX

Memory Track

BURRS

63 mm (2 ½ in) conical burrs Cod. 191C designed and manufactured in Mazzer's Venice plant.

RPM

420 rpm (50Hz) | 500 rpm (60Hz)

BODY:

aluminum die casting

HOPPER CAPACITY:

1,3 kg (2,9 lbs)

COLOR:

matt black



matt gray



silver



polished aluminum



bright red



pure white



EQUIPMENT FEATURES:

IoT, magnetic Tag holder, customizable GFC (Grind Flow Control) hybrid standard fitted or AntiClumping, calibration weight.

GRINDERS MEASURES

A	208mm - 8 ¼ inches
B	264mm - 10 ½ inches
C	240mm - 9 ½ inches
D	413mm - 16 ¼ inches
H	690mm - 27 ¼ inches
E	210mm - 8 ¼ inches

PACKAGE MEASURES:

665 x 272 x h470 mm
26.2 x 11 x h 18.5 inches

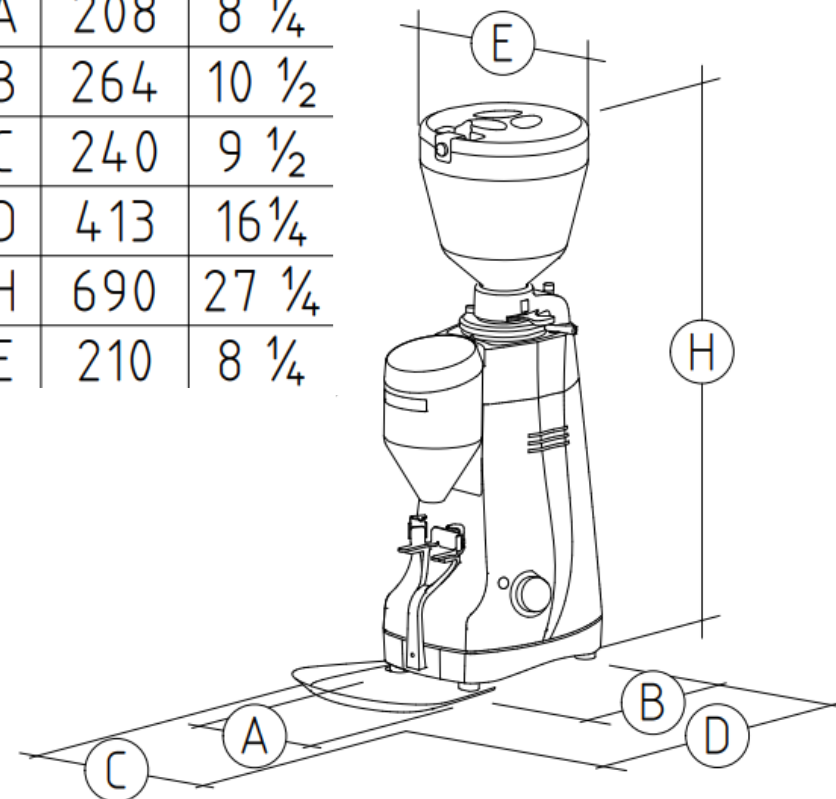
NET WEIGHT:

20 kg (44 lbs)

GROSS WEIGHT

22 kg (48,5 lbs)

	mm	in
A	208	8 ¼
B	264	10 ½
C	240	9 ½
D	413	16 ¼
H	690	27 ¼
E	210	8 ¼



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MAZZER CONICAL BURR GRINDERS PORTFOLIO



	Kold S	Robur S	Kony S	Kony Sg
Burrs	71 mm conical	71 mm conical	63mm conical	63mm conical
Burrs lifespan	800 - 1000 kg	800 - 1000 kg	600 - 800 kg	600 - 800 kg
Grind adjustment	2µm steps, numeric side knob	stepless with collar, memory track	stepless with collar, memory track	stepless with collar, memory track
RPM	420 RPM @50Hz 500 RPM @60Hz	420 RPM @50Hz 500 RPM @60Hz	420 RPM @50Hz 500 RPM @60Hz	420 RPM @50Hz 500 RPM @60Hz
Height and weight	700mm - 30kg	720mm - 28kg	651mm - 20kg	690mm - 22kg
Hopper capacity	1.5 kg	1.6 kg	1.3 kg	1.3 kg
Cooling system	double fan, belt-driven transmission, split chassis	double fan, split chassis	double fan, split chassis	double fan, split chassis
Cleaning system	easy opening - grind setting safe	easy opening - grind setting safe	easy opening - grind setting safe	easy opening - grind setting safe

MAZZER CONICAL BURR GRINDERS PORTFOLIO



	Kold S	Robur S	Kony S	Kony Sg
VOLUMES	Very high	High	Medium	Medium
TARGET	Premium coffee shops with very high volumes, requiring grinding for heavy duty cycles (up to 120 kg week).	Premium coffee shops and chains with high volumes and peak hours.	Specialty coffee shops with medium volumes in need of a low RPM grinder.	Premium chains and specialty coffee shops looking to streamline the workflow using automation while keeping high quality results.
KEY FEATURE	Top of the range. Consistent and uniform coffee grinds in any circumstances, belt driven transmission keeps heat far from grinding chamber, side knob for easy setting, fast. A workhorse.	Fast, consistent doses. Excellent ergonomics. Easy to clean and maintain without losing grind setting. Low static and no clumping.	Mazzer entry level for conical burr grinders. Silent. Low RPM, gentle with the bean.	Accurate weight based grinder. Vibration filtering algorithm, ensures optimal dose consistency even in case of counter vibrations.
MAZZER COMPETITIVE ADVANTAGE	Easy to service, clean and maintain, robust, low costs for spare parts. Consistent results. Made to last over time, premium materials. Grinders and burrs are designed together and manufactured in Mazzer's factory to get the best results. Top-notch technology.			

Kony/S

Time based doses



Different control panel

Weight based doses.
Can work also with time doses

Kony/S⁹





Consistent doses

Not only Kony Sg delivers great quality grounds in a controlled flow, as Kony S does, but also delivers the set dose with a **sharp consistency** in weight, under any condition.

Standard deviation in Mazzer laboratory tests is 0.14 g after 100 14.20g-doses, 50 of which done in continuous grinding.
See Lab Test page.

Standard deviation:
The standard deviation is the average amount of variability in your dataset. It states, on average, how far each value lies from the mean.



VFA - Vibration filtering algorithm

Mazzer R&D team focused in making the system **stable to deliver constant doses** and to **keep grinding weight based even under extreme vibrations on the counter**. A common situation in a coffee shop.

(Only in case of very intense vibrations on the counter, it grinds by time not to slowdown the workflow).



Promptly reacts to any change in grind setting

The dose precision is not affected by changes in grind size.

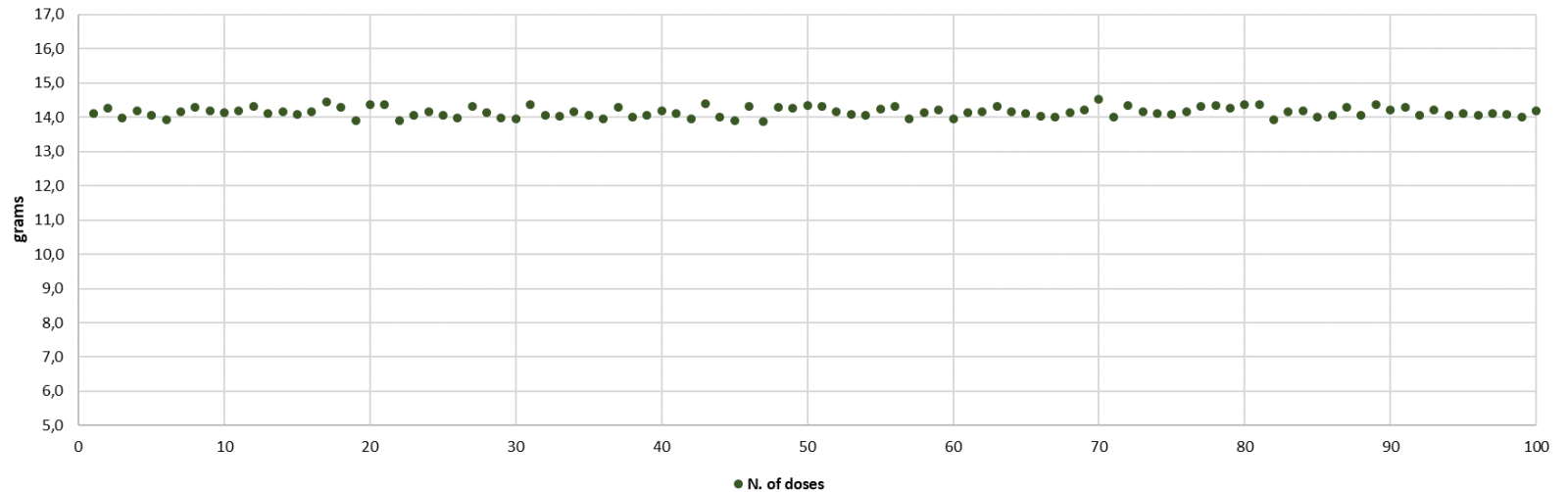
This is because Kony Sg weighs each dose, making the system very responsive without waste of coffee. This translates to fewer interventions needed by the barista after any grind adjustment.

	#	dose [g]	extr. "		#	dose [g]	extr. "
1 DOSE/MINUTE + 5 MINUTES PAUSE	1	14,10		CONSECUTIVES WITHOUT PAUSES	51	14,32	
	2	14,26			52	14,16	
	3	13,97			53	14,08	
	4	14,18			54	14,07	
	5	14,06			55	14,23	
	6	13,92			56	14,31	
	7	14,16			57	13,96	
	8	14,28			58	14,14	
	9	14,19			59	14,21	
	10	14,13	33		60	13,96	
1 DOSE/MINUTE + 5 MINUTES PAUSE	11	14,18			61	14,14	
	12	14,33			62	14,15	
	13	14,11			63	14,32	
	14	14,17			64	14,17	
	15	14,09			65	14,10	
	16	14,17			66	14,02	
	17	14,44			67	14,00	
	18	14,29			68	14,13	
	19	13,89			69	14,21	
	20	14,37	33		70	14,52	
1 DOSE/MINUTE + 5 MINUTES PAUSE	21	14,38			71	14,01	
	22	13,91			72	14,34	
	23	14,07			73	14,16	
	24	14,15			74	14,10	
	25	14,06			75	14,09	
	26	13,99			76	14,17	
	27	14,32			77	14,31	
	28	14,13			78	14,34	
	29	13,99			79	14,27	
	30	13,95	27		80	14,38	
1 DOSE/MINUTE + 5 MINUTES PAUSE	31	14,36			81	14,36	
	32	14,06			82	13,94	
	33	14,02			83	14,16	
	34	14,16			84	14,20	
	35	14,05			85	14,01	
	36	13,96			86	14,06	
	37	14,28			87	14,28	
	38	14,00			88	14,07	
	39	14,06			89	14,38	
	40	14,20	31		90	14,21	
1 DOSE/MINUTE + 5 MINUTES PAUSE	41	14,11			91	14,30	
	42	13,96			92	14,06	
	43	14,40			93	14,22	
	44	14,01			94	14,05	
	45	13,91			95	14,12	
	46	14,33			96	14,06	
	47	13,87			97	14,10	
	48	14,30			98	14,09	
	49	14,27			99	14,00	
	50	14,35	30		100	14,20	35

Consistency of the dose | TEST

Method	Espresso
Portafilter	58 mm
Target weight dose	14.20 grams

Average weight	14.15 g
Standard deviation	0.14 g
Max - Min	0.65 g
Slope	0.03201





Professional built-in scale

The grinder integrates a professional grade built-in scale. The load cell can be set to a hundredth of a gram for maximum precision.


The display shows the actual weight of the ground coffee in the portafilter, not the target dose.



The workflow with Kony S g runs smoothly and flawlessly, the whole interaction with the grinder is a true **pleasure**.

MAZZER

What are the main challenges of a barista?



With many years of experience and thousands of coffee shops serviced all over the world, in Mazzer we are familiar with the problems a barista has to face on a daily basis. That's why we have addressed their main concerns with the most effective solutions.

Kony Sg Answers

What are the main challenges of a barista?

First the coffee quality

- 1 Does this grinder respect my coffee helping me to enhance the result in the cup?
- 2 Once I set on the perfect grind, can I rely on it to give consistent doses, or will I need to waste time and coffee adjusting?

Once quality is covered let's talk about workflow

- 3 Does this grinder help my workflow streamlining my tasks or is it difficult to use?
- 4 Does it keep my counter clean from coffee dust?
- 5 After a long day when the time comes to clean the grinder inside, is this a simple job or a challenge?

Then the big concern, reliability and service costs

- 6 Is this grinder going to let me down with a queue of customers at the counter?
- 7 And if it needs fixing, will it cost a lot of time and money?

WHY BUY | 7 reasons

1 LOW RPM

420 RPM @50Hz
500 RPM @60Hz
means to be **gentle with the bean**.
In addition a double fan cooling system and a split chassis keep heat far from the grinding chamber protecting aroma and taste.

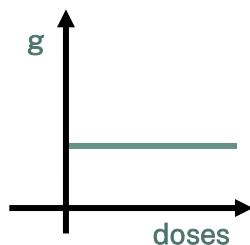


2 CONSISTENT and RESPONSIVE

Kony Sg delivers the set dose with a **sharp consistency** and with an accuracy within 0,14 g (standard deviation) from the set target.

The dose precision remains **unaffected by changes in grind size**, as the system is highly responsive.

No matter if there are vibrations on the counter the grinder keeps delivering weight based consistent doses.



3 TRANSPARENT

Mazzer is true to the barista. Kony Sg always shows on the screen the exact, **actual weighted dose** even if it differs from the target weight. This gives more control over the process.



4 CLEAN

Thanks to the GFC (grind flow control) the grinder is designed to
- prevent clumping and
- control static charges to **keep the counter clean** from coffee dust.



5 EASY TO MAINTAIN AND SAFE

Kony Sg is easy to **clean and maintain**. The grinding chamber can be easily accessed **without losing the grind setting**.

The grinder comes with multiple **safety features** to protect barista from any injuries.



6 NO STOP

Kony Sg is designed not to stall, not even with light roasted coffees.



7 SAVE MONEY

Save money on the long run

- minimal servicing
- built to last
- affordable spare parts
- spare parts available for years



WHY BUY | 7 reasons compared to competitors

1 LOW RPM

420 RPM @50Hz
500 RPM @60Hz means to be **gentle with the bean**. In addition a double fan cooling system and a split chassis keep heat far from the grinding chamber protecting aroma and taste.

> Most flat burr grinders on the market have 1400RPM @50Hz and 1600RPM @60Hz

2 CONSISTENT and RESPONSIVE

Kony Sg delivers the set dose with a **sharp consistency** and with an accuracy within 0,14 g (standard deviation) from the set target. The dose precision remains **unaffected by changes in grind size**, as the system is highly responsive. **No matter if there are vibrations** on the counter the grinder keeps delivering weight based consistent doses.

> Most of the grinders on the market switch to time doses very frequently in a coffee shop environment.
> Other coffee grinders require multiple doses after changing settings to achieve the set dose weight again.
> Many grinders require daily cleaning to be consistent.

3 TRANSPARENT

Mazzer is true to the barista. Kony Sg always shows on the screen the exact, **actual weighted dose** even if it differs from the target weight. This gives more control over the process.

> Most of the grinders on the market show the target weight for the dose, not the actual weight of the coffee in the portafilter.

4 CLEAN

Thanks to the GFC (grind flow control) the grinder is designed to
- prevent clumping and
- control static charges to **keep the counter clean** from coffee dust.

> Kony Sg after 50 doses produces 0,16 g of coffee on the counter, other grinders arrive to 4,5 g in similar conditions.

5 EASY TO MAINTAIN AND SAFE

Kony Sg is easy to **clean and maintain**. The grinding chamber can be easily accessed **without losing the grind setting**. The grinder comes with multiple **safety features** to protect barista from any injuries.

> Many grinders are hard to clean inside. When opened one loses the grind setting.
> Many grinders don't have any security feature to avoid work related accidents.

6 NO STOP

Kony Sg is designed not to stall, not even with light roasted coffees.

> Many grinders are subject to clogging and this reduces the chances to have a precise dose and a smooth workflow.

7 SAVE MONEY

Save money on the long run
- minimal servicing
- built to last
- affordable spare parts
- spare parts available for years

> Mazzer grinders need little service. Prices of spare parts are lower than most competitors'.

TECH ADVISE FOR FIRST SET UP

- Handle the grinder out of the box carefully,
- Do not lift the grinder holding the portafilter holder
- Make sure the grinder is placed on a flat surface
- Calibrate the grinder with the sphere supplied with the grinder, see instruction manual (do this procedure each time you move the grinder)
- Set portafilter holder carefully in all directions to make sure the coffee falls in the center of the portafilter
- Check if the GFC wire damper installed is the best for your coffee (choose between hybrid standard fitted and AntiClumping)
- Grind 5 doses before considering dose consistency

RECOMMENDED SPARE PARTS

DESCRIPTION	CODE	NOTE
HOPPER WITHOUT COVER	SKOSCAE06/QQQ	
SET OF BURRS 191C	FMA00191C/CQQ	
TFT E DISPLAY BOARD ASSEMBLED	S00SSCD06/QQQ	
TFT E DISPLAY BOARD	S000SCS04/QQQ	
MEMBRANE FOR USER INTERFACE WITH TFT E	S000MEM11/QQQ	
POWER BOARD 100-240V	S000SCS08/QQQ	
WEIGHTING BOARD	S000SCS03/QQQ	
TWO POLE ROTATIVE SWITCH	S00SINA09/BQQ	
HOPPER SAFETY SWITCH	S000INR01/QQQ	
RELAIS 220-240V	S000DIS20/QQQ	
RELAIS 100-120V	S000DIS21/QQQ	
LOAD CELL	S000CEL01/QQQ	
CALIBRATION WEIGHT MODEL G	S000PEC02/QQQ	
KONY S G PORT-A-FILTER HOLDER	SKOSFOP01/QQQ	
LONG HOOK - ADJ. PORT-A-FILTER HOLDER	S000ALF03/QQQ	
SHORT HOOK - ADJ. PORT-A-FILTER HOLDER	S000ALF02/QQQ	
CAPACITOR 12,5UF	S000COE16/AQQ	for 220-240/50 Hz and 220/60
CAPACITOR 40UF	S000COE15/QQQ	for 110/60 and 100/50-60 Hz
CAPACITOR 10UF	S000COE02/AQQ	for 220-240/50 Hz and 220/60
CAPACITOR 40UF	S000COE15/QQQ	100/50-60 Hz

TECH: DOWNLOAD USEFUL INFO

Ensure to access the reserved area on the Mazzer website to download exploded views, instruction manuals, tutorials, and all pertinent technical information.

www.mazzer.com/en/downloads



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Kony/S⁹



OTHER FEATURES IN COMMON WITH KONY S

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GFC - Grind Flow Control

GFC consists of a removable aluminum outlet insert equipped with a through-flow wire damper. Kony and Kony Sg have 2 wire dampers to choose between: Hybrid and AntiClumping

Why:

1. it **reduces the static charge** which causes the coffee powder on tray and counter
2. it **avoids the clumping** (agglomerates of grinds)
3. It **improves the dose consistency** and the result in the cup
4. It **allows ease of cleaning** of a part in contact with coffee grinds thanks to a very easy removable system

The system **dynamically** responds to the coffee grinds flow with a superior control level along the entire chute.

Everything with a system **EASY TO CUSTOMIZE** because, weather conditions, coffee origin, roast profile, work environment and barista preferences are important variables.



UNIFORM
coffee grounds

CONSISTENT
dosing



MAZZER[®]

Grinding Chamber
EASY TO CLEAN

No loss of grind settings



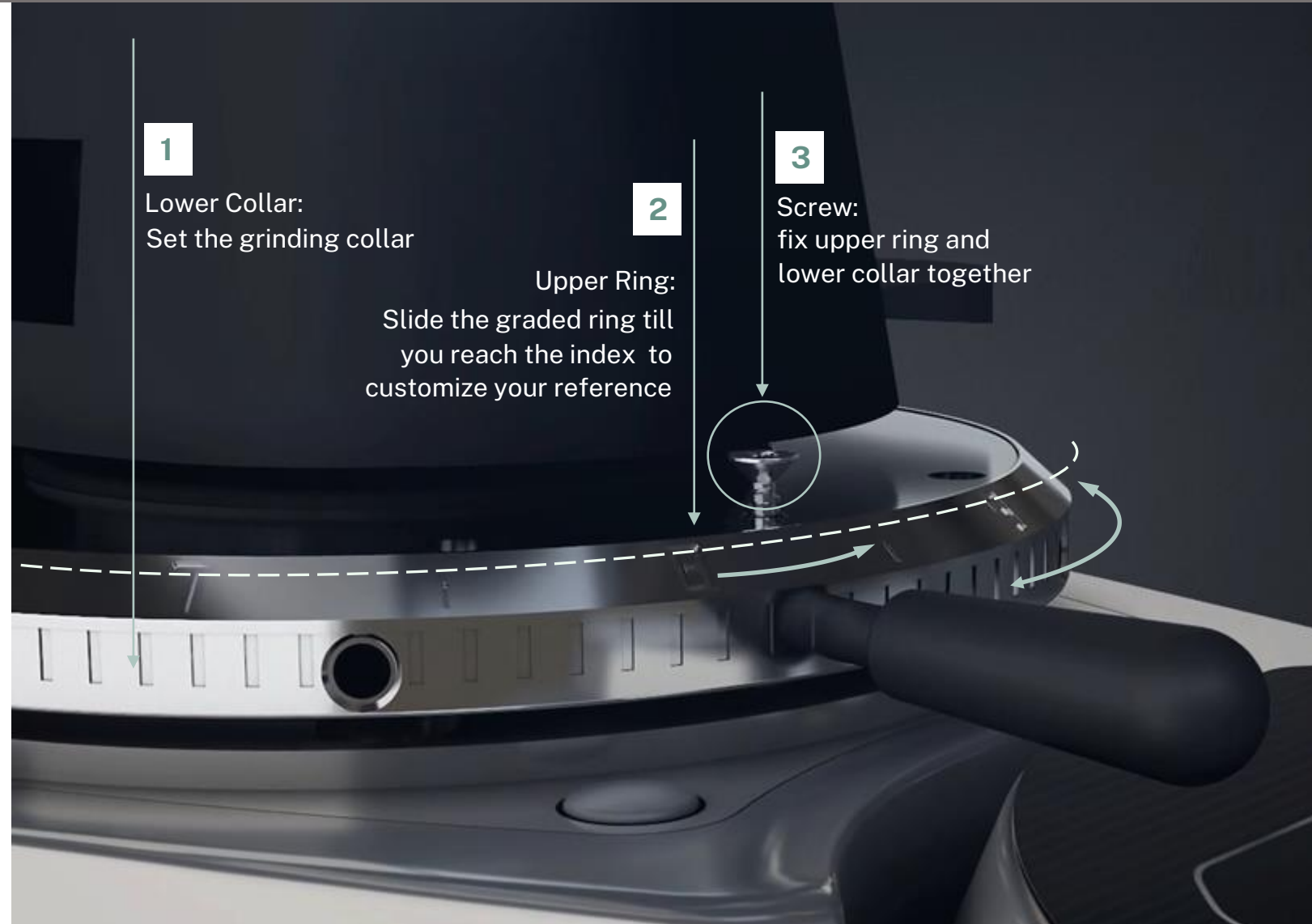
Remove **4 screws** and you are in



Memory Track System USER-FRIENDLY

MTS (Memory Track System) allows users to choose a number to **index a desired grind setting**

Easy to set and easy to read



Electronic Control Panel FEATURES

Grinding Statistics

Alerts on service needs

Ability to set up a max dose cap

Single, double, and third dose buttons

Manual grinding mode

Easy and fast to set thanks to shortcuts and smart solutions

Programmable pause function in between grinding
Take the time to settle the coffee in the portafilter and avoid coffee waste

Kony Sg can switch from **weight mode** to **time mode**

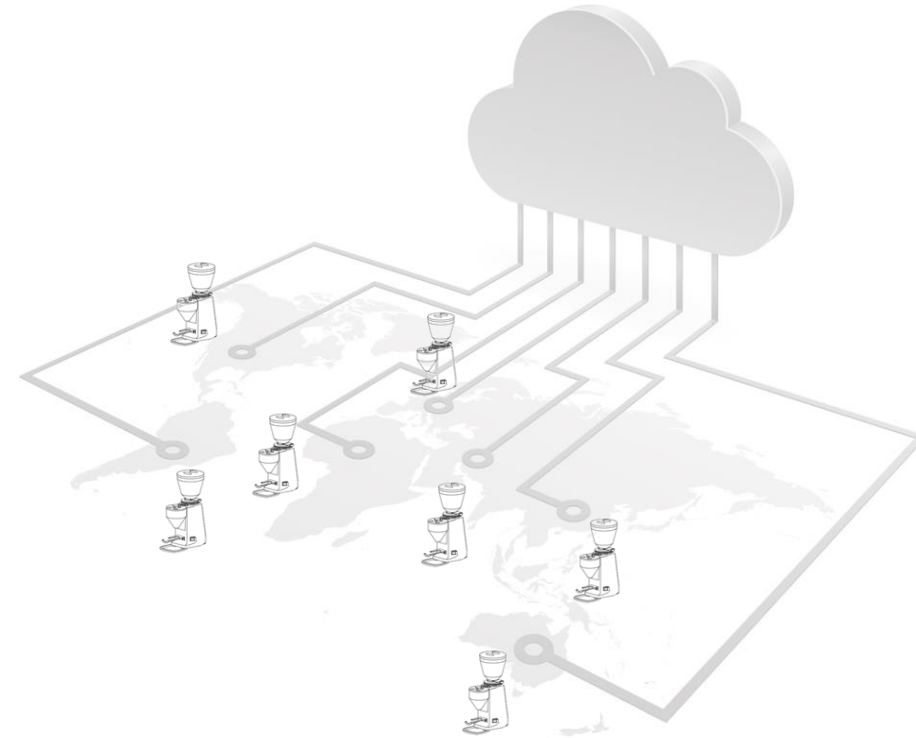


MAZZER

IOT

INTERNET OF THINGS

Keep your grinders connected to your network



CONICAL BURRS

BURRS: conical burrs
191C 63mm

MATERIAL: premium steel

All the burrs are produced in our factory near **Venice**



WARNING

Make sure you are using **GENUINE Mazzer burrs** to guarantee the best performance of the grinder

SECURITY FEATURES



CERTIFICATIONS



Gray icons: in process



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