

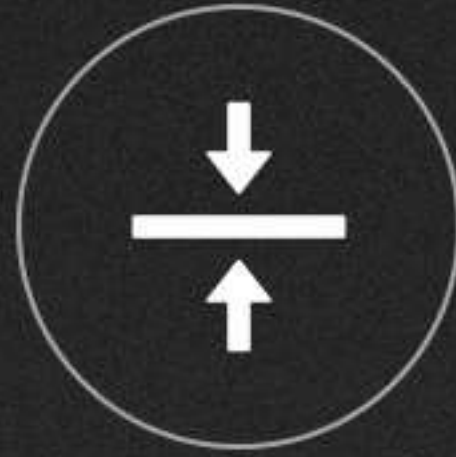


FLASH CONSTANT PRESSURE TAMPER

30 lb. constant pressure
Original three-spring design



Constant
pressure



Constant and
horizontal



Self-adaptive
height



Tamping tips

Original three-spring design Utility Model Patent



Due to ordinary tamper, the tamping force varies every time

So we designers, after repeated testing

Designed a new concept of constant force tamper

Compressing and releasing the spring through force interactions

*When the pressure reaches a preset value, feedback is provided through
the mechanical sound of the press rod and the tamper seat*



patent number: ZL 2023 2 03521999

TOP SPRING ①

When the pressure reaches a predetermined value, it will automatically release the force, and there is a sound feedback to prevent the impact of too much force to cause the powder loose cracks

LEVELING SPRING ②

Keep constant and horizontal
Prevent pressure slope



CONSTANT FORCE SPRING ③

Constant pressure of about 30 pounds to ensure the consistency of each tamping



30 lb. constant pressure



More even pressure distribution
More fully extracted

About
30lb



After testing, using a constant force of about 30 pounds to tamping, when extracting, helps to improve the flavor and stability of espresso

EXTRACTION TEST



Extraction of measured data

temperature (°C)	Extraction time (s)	Pressure (bar)
92.5	26	9

Extraction rate

22.04% 23.07% 22.95%

Concentration(%)



Powder weight(g)



Liquid weight(g)





17g



18g



19g

It was tested that with a constant pressure of about 30 pounds, the extraction rate was almost the same with different powder amounts and consistent extraction time.

Note: The filter basket used in this test is DEX precision filter basket (18g) ,and the above is an internal test, for reference only.

Pressing automatic rebound design Constant tamping No adjustme

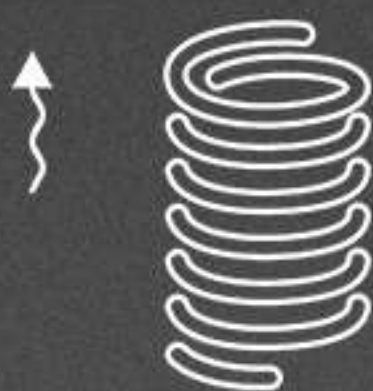


Automatic adaptation to the required tamping height Finished t

- Downward pressure state



- Reset state



15mm



Placed flat Vertical
tamping Constant
and horizontal Preven



Close fit filter basket
More comfortable tamping experience



90°

Threaded base Sturdy and durable Tamping and compacting



SUS304 Strictly selected materials

Wear and corrosion resistant

- The design of the thread can make the contact surface of water and coffee powder wider, which helps to improve the extraction rate



**Rounded solid wood
handle Comfortable
grip Easy to hold**



Meet the ergonomic design
Tamping is more comfortable



Three specifications Wide suitability As you choose



Meet different application scenarios Switch freely



58.35mm

- Compatible models:

lamarzocco/Wega/Kees/Slayer/Astoria

La Cimbali/Expobar/Faema e61/Nuova Simonelli

Welhome/Barsetto/Maxims etc.

- Compatible models:

Laspeziale/La SanMarco/Breville 8 series general, etc.



53mm



51mm

- Compatible models:

Delonghi/Petrus 51 series, etc.

Measurement: Calipers can be used to measure the inside diameter of the filter basket

*More models can be obtained by contacting customer service



EXTRACTION MOMENT

COZY TIME



A cup of coffee
To feel the flow of years



- Step 1: Pick up the right amount of coffee powder

Step 2: Use distributor to make the powder bed evenly distributed



- Step 3: Use tamper to tamping and press the coffee powder to make it flat and firm

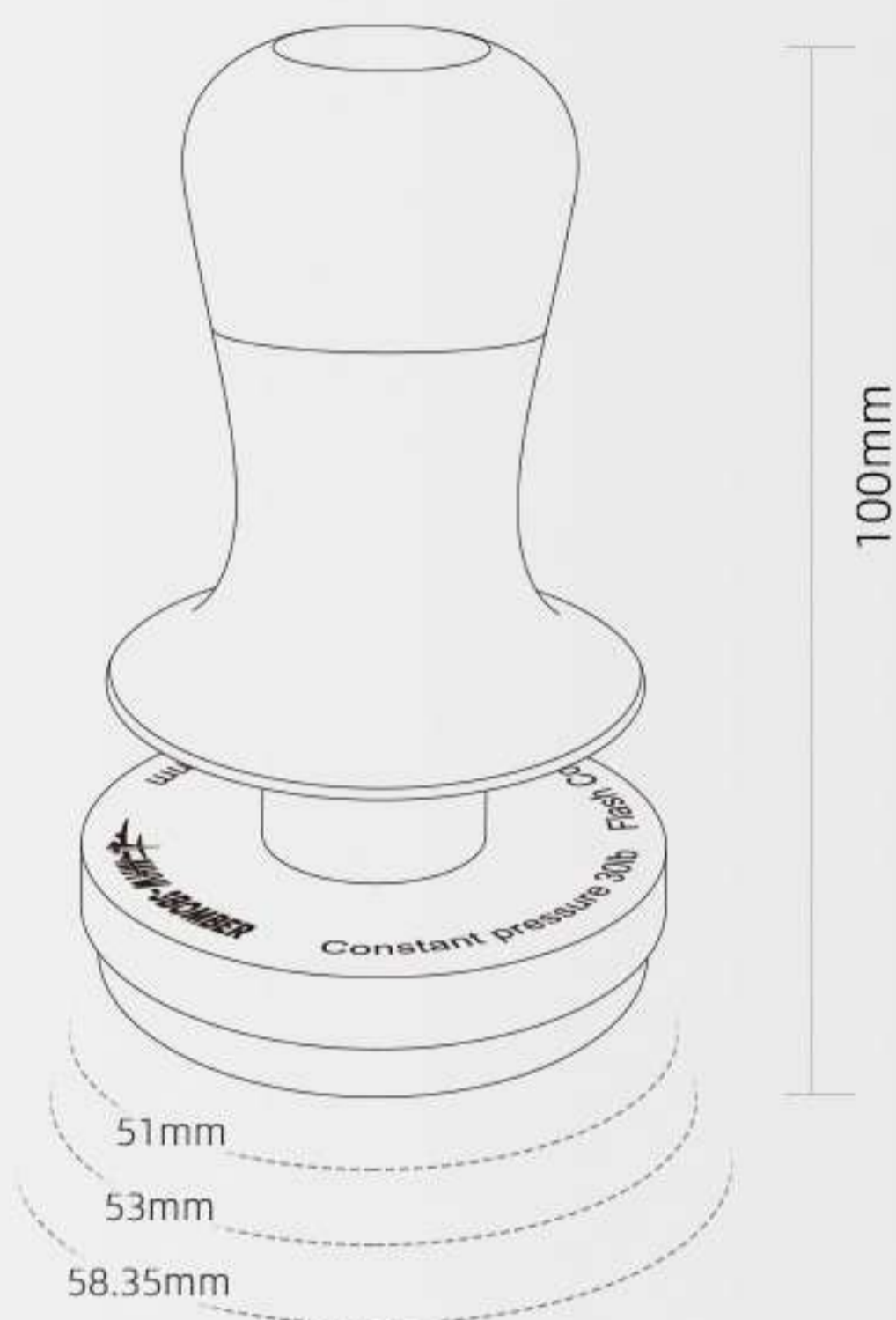
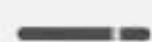


Step 4: Extraction is over, enjoy the delicious coffee



It is recommended to use with a distributor, so that the powder bed is evenly distributed, effectively reducing the channel effect and improving the stability of the extraction espresso. (Operation steps used for the CD wood cover version - four paddle distributor)

INFORMATION



*Manual measurement may have errors. Please refer to actual objects

Brand MHW-3BOMBER	Name Flash constant pressure tamper
Material SUS304, walnut, aluminum alloy	Specification 51mm/53mm/58.35mm
Weight 300g/310g/350g	Origin China

WARM PROMPT



Product handle partly selected from natural walnut, texture, color are differences, there are small tree scars, mineral lines, etc. are normal, non-quality issues.

Metal products due to the material may appear a little polishing, hanging tool traces, non-defective products, does not affect the beauty and use, please know and understand.



SCENE



SCENE

