



STAWERT Mühlenbau GmbH & Co. KG

Operating Instructions

VTA 6S3

VTA 6S 13

VTA 6SW 3

VTA 6SW 13



Foreword

Dear Customer,

with the new "VTA 6Sxxx" you have purchased a grinder in the well-known MAHLKÖNIG quality.

Our 75 years of experience in the production and development of grinders have helped us to develop a new product in the STAWERT company.

As usual, this new product guarantees top-quality grinding of all types of coffee.

Before putting the device into service, please read these operating instructions including the safety instructions carefully and observe them at all times.
Also instruct your personnel accordingly.

Enclosed you will find many useful tips that will make it easier for you to use the grinder. Keep these operating instructions in a safe, easily accessible location. In case of any unclear points or additionally required information, please contact your local dealer or us directly as the manufacturer.

We wish plenty of enjoyment and success with our product.

STAWERT Mühlenbau & Co. KG



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1 Safety



Please read and observe the following operating instructions carefully. Non-observance can result in damage to the device as well as in health-threatening risks for the user.

1.1 Symbols

The following two symbols are used in this manual of operating instructions:



Safety instruction:
In case of non-observance, extreme risk of accidents exists.



General instruction:
In case of non-observance, the device can become damaged or optimum operation not be guaranteed.

1.2 Safety instructions

- The grinder you have purchased is only allowed to be used to grind the material to be ground for which the grinder has been designed. Please compare the information on the rating plate with the title page. Ground material is never allowed to be filled into the grinder container.
- Do not carry out any modifications or changes on the grinder. In case of non-observance, the manufacturer shall be liable for resulting damage in **no case whatsoever**.
- Never operate the grinder in moist or, even worse, in wet surroundings.
- Never put your fingers or objects into the rotating grinding mechanism underneath the coffee bean container.
- Always pull the power supply plug out of the outlet before carrying out any maintenance or cleaning work on the device.



- Never put the device into service with a defective power supply cable. Check the device regularly for any signs of damage on the power supply cable, plug, finger protector, etc.
- Any repairs that may be required are only allowed to be carried out by experts. Please contact an authorised customer service centre, your local dealer or us directly as the manufacturer.
- Do not exceed the permissible maximum operating period of 40 minutes. Afterwards, allow the motor to cool off for approx. 30–40 minutes.
- When unpacking the device, please check to determine whether the power supply voltage (volts) corresponds to the device voltage on the rating plate.
- Children do not recognise the risks that may arise when handling electrical devices; therefore never leave children alone with electrical devices without proper supervision.



Never immerse the device in water and do not operate it with wet hands.

1.3 Purpose

Only **roasted whole coffee beans** are allowed to be ground using the "VTA 6Sxxx" coffee grinder you have purchased. It is important to make sure that only cleaned, unground material to be ground is used. Never use the grinding mechanism to grind other products or objects.

1.4 User requirements

No special requirements are specified for the users of this device. It is, however, assumed that this manual of operating instructions has been carefully read and understood and that all instructions provided in this manual will be observed. In addition, working with the device on a safety-conscious basis is also expected.



2 Technical data

Type	VTA 6S 3	VTA 6SW 3	VTA 6SW 13	VTA 6S 13
	3~AC	1~AC	1~AC	3~AC
	200V / 60Hz			
Voltage/	200V / 50Hz			
frequency	230V / 50Hz	230V / 50Hz	208V / 60Hz	208V / 60Hz
	400V / 50Hz			
	415V / 50Hz			
Pre-fuse	3 x			3 x
(building)	16 A-slow	16 A-slow	20 A-slow	16 A-slow
Overload circuit	adjusted 8 A	12 A	12 A	adjusted 9,3 A
breaker	adjusted 5 A			
Permissible max. operating time		40 Min.		
Dimension in mm		H 36 x W 38 x D 62		
Weight		42 kg		
Sound emission when grinding coffee		73 dB (A)		

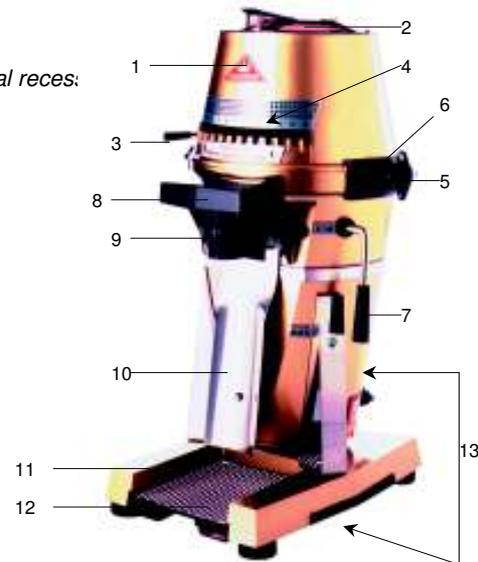
(Please ask the manufacturer or dealer for technical data on other voltages and frequencies.)

3 Description

3.1 Main components and operating elements

The main components and operating elements are shown in the Figure.

1. Upper part of casing with hopper
2. Hinged lid
3. Stop lever
4. Screw with hexagonal reces:
5. Star handle
6. Clamp
7. On / Off lever
8. Bag holder hood
9. Spout
10. Shaking device
11. Base
12. Tray for residues
13. Reset button





4 Safety devices

→ *Thermal overload circuit breaker*

The motor of the grinder is protected by an overload circuit breaker, which interrupts the electric circuit of the motor when the device is subjected to electric overloading. To be able to re-start the grinder, the reset button on the right-hand side of the casing must be pressed.



The user has no influence whatsoever on this operation. In case of repeated tripping of the circuit breaker, an expert must be consulted since this could cause damage to the motor winding.

→ *Motor protector (winding protection)*

The grinder is protected against thermal overloading by a motor protector (thermostat, inserted in the winding).

Whenever the winding of the motor heats up to an impermissible level, the motor protector interrupts the electric circuit of the motor.

Following a cool-off phase (approx. 1 hr.), the motor protector is switched on again automatically and the grinder can be started.

→ *Finger protector / magnet holder*

A combined finger protector/magnet holder is fitted in the hopper of the grinder. It is supposed to prevent the user from reaching into the running grinding mechanism. At the same time, it also prevents ferrous foreign objects from getting into the grinding mechanism. Every now and then you should clean magnet since adhering foreign objects could be hanging from the magnet.



Never remove the finger protector!



5 Setting up and basic adjustment

A grinding test run is carried out on each grinder in the manufacturer's factory. This is why you may find ground material residue in the grinding mechanism!

5.1 Setting-up area

Place the grinder on a level surface free from vibration.



Never operate the grinder in moist, or even worse, in wet surroundings.

5.2 Installation

You have received your grinder in operating condition. Now you only need to connect it to a power supply system. Proceed as follows:



Protect your device with a separate pre-fuse (not included in the scope of supplies) according to the information provided under Item 2 "Technical data".
Make sure that the pre-fuse is not overloaded by other consuming devices (e.g. fan-forced heaters, deep freezers).



Determine whether the mains voltage and frequency correspond to the information on the rating plate.

Insert the plug into the available grounded outlet.

*After the grinder has been connected, you must check the direction of rotation of the grinding disc (arrow on the hopper). If the grinder is rotating in the wrong direction ask an electrician to reverse the polarity of the socket in compliance with DIN standards ***.*

6 Operation

6.1 Operating instructions

1. Position the stop lever of the grind degree setting to the grind degree you require.
2. Now fill the coffee beans into the hopper. Close the hopper.

***only in the case of three phase alternating current

3. Push the completely opened bag over the spout all the way to the black stop. Now pull the lever with the black handle (on the right hand side of the grinder) to "On".
The following processes are controlled by lifting the lever:
-The bag is fixed in position on the spout.
-The grinder is switched on.



Do not hold the bag as otherwise the shaking device does not work!

4. After the grinding process has been completed, hold the bag gently at its base and push the lever to the "Off" position using the other hand.
This action controls the following processes:
- The bag is released from its fixed position.
- The machine is switched off.
The inside of the spout is cleaned of ground coffee residues.
The lever does not need to be moved up and down to clean the spout.



Moving the lever up and down can damage the electrical components of the grinder.



7 Operating faults

Fault

The grinder does not start.

Cause

The power supply plug is not inserted.
The overload circuit breaker has been tripped.

Corrective measure

Insert the plug into the outlet.

Check to determine whether the reset button of the circuit breaker has jumped out. Press the reset button in again if appropriate. In case of repeated tripping of the circuit breaker, contact your authorised customer service centre or dealer.

The motor protector has been triggered.
The pre-fuse was tripped.

Give the grinder a break of approx. 1 hour.
Check the pre-fuse. Restore the pre-fuse to its initial state or replace it.
Determine whether other consuming devices are also connected to this fuse.



7 Operating faults

<u>Fault</u>	<u>Cause</u>	<u>Corrective measure</u>
<i>The grinder hums but does not grind.</i>	The spout is clogged.	Adjust the rotary knob to "coarse" and then switch on the grinder. The grinder will then grind itself free. Afterwards, set the rotary knob back to the desired grind degree.
	A foreign object is in the grinding mechanism.	Clean the grinding mechanism as described under 9.2 and remove the foreign object. Observe the safety instructions!

7 Operating faults

<u>Fault</u>	<u>Cause</u>	<u>Corrective measure</u>
<i>Grinder rotates but without grinding.</i>	Driver breakage.	Remove the grinder casing cover (see 9.2), take out the broken pieces of the driver, insert a new driver and then install the grinder casing cover again.
	Incorrect sense of rotation.	Have the polarity checked by specialised personnel.
	Metal parts on the hopper magnet obstruct the incoming flow of material to be ground.	Clean the hopper magnet.

In case of other malfunctions or continued faults, please contact your dealer or your authorised customer service centre.



8 Grind adjustment

The grinder has been adjusted accurately by the manufacturer. However, if after a longer period of use the products to be ground are not being ground fine enough any more, you can readjust the grinder as follows:

1. Switch the grinder on and move the stop lever to the notch "1".
2. Loosen the screw with hexagonal recessed hole using the enclosed hexagon spanner and move the stop lever to notch "5". Now tighten the screw again.
3. Now **carefully and slowly** move the stop lever to the left until you hear a slight rattling noise (the grinding discs are touching) and then turn it back again by approx. one notch. The closer the grinding discs are to touching, the finer the beans are ground. However, you must not be able to hear the grinding discs rattling together.
4. Now loosen the screw with a hexagonal recessed hole and move the stop lever to notch "1".

5. Now tighten the screw with a hexagonal recessed hole **very well**.



It is important to ensure that no "rattling" noise of the grinding disks can be heard! Their service life will otherwise be significantly reduced!

6. Now switch off the grinder. For test purposes hold a bag underneath the spout and grind a handful of coffee beans.

If the result is not satisfactory the grinder needs to be cleaned or the grinding discs must be renewed.

9 Cleaning



Always pull the power supply plug out of the outlet before carrying out any maintenance or cleaning work on the device!



Observe the safety instructions under 1.2!



9.1 Cleaning the grinder casing

Clean the casing of your grinder every now and then with commercially available mild cleaning agents. In addition, you should also clean the magnet in the hopper from time to time by removing any foreign objects that may have become stuck because otherwise this could result in clogging.



Do not let any foreign objects fall into the grinding mechanism!

9.2 Cleaning the grinding mechanism

1. **Pull the mains plug out of the socket.**
2. Loosen both star handles / round handles until the clamps release the top of the casing.
3. Move the stop lever to notch "7" (middle position) and pull the upper part upwards at an angle towards you (in doing so, the stop lever slides through the slot).
4. Remove the three screws of the cover and lift the grinding casing cover off.



Cover screws



* simply screw off on both sides (same function as the screws of the cover)

5. Clean the entire grinder using a fine brush and remove any foreign objects.



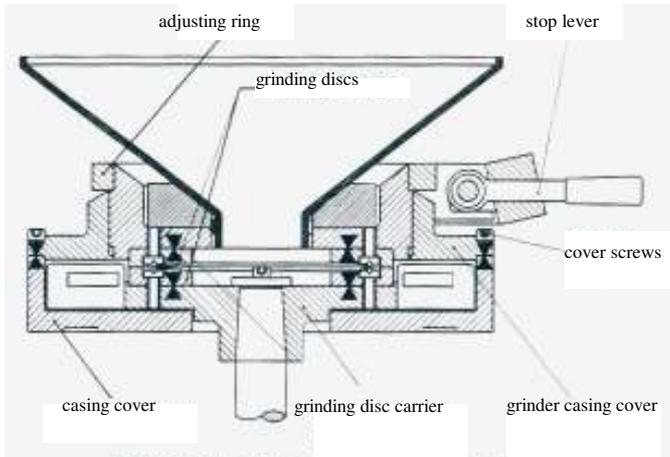
6. Clean any coffee residues off the grinder casing cover and the grinding disc.



No coffee residues may adhere to the surfaces where the grinder casing and the grinder casing cover lie on top of one another when you put the grinder back together again.

7. Put the grinder casing cover and the grinder casing back together again and fix with 3 screws (in the case of the old model attach the nuts and clamps on the side again).

8. Place the top part in position and make sure that the stop lever is pushed through the slot. By turning the top part to the right or to the left, engage the tappet in the top part into the associated groove on the lower part.
9. Fit the clamps correctly (take note of labelling) and tighten the screw handles / round handles.
10. Move the stop lever into position "1" position and connect to the electricity supply again. Now the grinder is operational again.



▼ These surfaces need to be absolutely clean.



10 Replacing the Grinding Disk

If the grinding performance decreases and the ground products are hot and irregular, you should change the grinding discs.

1. Take the grinder apart as described under “9” and remove the grinding discs from the grinder casing and the crusher using a screwdriver.
2. Clean the surfaces of the new grinding discs thoroughly and screw them in position tight and evenly.
3. Close the grinder casing as described under “9” again and set the grind degree again as described under “8”.

11 Maintenance and repair



Always pull the power supply plug out of the outlet before carrying out any maintenance or cleaning work on the device!



Check the device regularly for any signs of damage on the power supply cable, plug, finger protector, etc.



Any repairs that may be required are only allowed to be carried out by authorised experts. Please contact an authorised customer service centre or your local dealer.

12 Spare parts

Spare parts are usually ordered from your customer service centre or your local dealer. To ensure quick, correct processing of your order, the following information is absolutely required:

1. Type designation and serial number of the grinder
(on the rating plate on the rear side of the grinder).
2. Colour of the grinder



13 Certificate

Konformitätserklärung
Zu den Maschinenrichtlinien 89/392/EWG



MAHLKÖNIG Mühlenbau GmbH & Co. KG
Tiefen Seiler 142, 22947 Hamburg
Telefon: 043 25 39 41 0
Telefax: 043 25 39 41 1

Name des Herstellers oder seines in der Gemeinschaft niedergelassenen Bevollmächtigten:
STAWERT Mühlenbau GmbH & Co. KG

Anschrift des Herstellers oder des Bevollmächtigten:
Tiefen Seilerstrasse 142, D-22947 Hamburg

Erklärt, dass die unten bezeichnete Maschine

Produktart : Gewerbliches Gerät zur Nahrungsmittelbearbeitung

Maschinenbezeichnung : Kaffeemühle

Maschinentyp : VTA 6S 3 ; VTA 6S 13 ; VTA 6BW 3 ; VTA 6BW 13

den Verfügungen der Maschinenrichtlinie 89/392/EWG, der Nieder-
spannungsrichtlinie 73/23/EWG und der nationalen Gesetzgebung zu ihrer
Umsetzung entspricht.

Angefertigt in Hamburg am : 21.05.2002

Funktionsbereich des Ursprungs : Geschichtsbau

Name des Untersichters : Nik Grotzian

Unterschrift:


Konformitätserklärung (Abb. 1 von 1)

STAWERT Mühlenbau GmbH & Co. KG, Außenvertrieb MAHLKÖNIG mbH, Postfach 1000, 22109 Hamburg
Mühlenbau GmbH & Co. KG, Außenvertrieb MAHLKÖNIG mbH, Postfach 1000, 22109 Hamburg
STAWERT Mühlenbau GmbH & Co. KG, Außenvertrieb MAHLKÖNIG mbH, Postfach 1000, 22109 Hamburg
STAWERT Mühlenbau GmbH & Co. KG, Außenvertrieb MAHLKÖNIG mbH, Postfach 1000, 22109 Hamburg