BAIER
Elektro-
werkzeuge

EN

Original instructions

BAIER

Façade Cutter / Dresser

BFF 222 / 110 V

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Contents

Important Information

Before starting any work with or on the machine, this instruction manual, the safety instructions and the warnings must be read through carefully and observed.
Always store this instruction manual together with the machine.

Pictograms

Explanation of the pictograms on the façade cutter

The CE mark on a product means that the product conforms with all the applicable European regulations and has been subjected to the prescribed conformity assessment procedures.

Protection class II equipment
The machine is insulated in such a way that it has no exposed metal parts that could be live in the event of a fault. It does not have a protective earth conductor.

Environmentally friendly disposal of waste equipment
Waste equipment contains valuable recyclable materials which should be reused or recycled. Batteries, lubricants and similar materials must not be allowed to get into the environment.
Therefore, please dispose of waste equipment through suitable collection systems.

Explanation of the pictograms used in the text

Danger!
This symbol means a direct pending danger or risk to the life and health of people of a general nature. Failure to note and follow these instructions results in severe health effects, through to life-threatening injuries.
► *This arrow indicates the appropriate precaution to you in order to avert the danger.*

Danger due to electricity!
This symbol means a direct pending danger or risk to the life and health of people due to electricity. Failure to note and follow these instructions results in severe health effects, through to life-threatening injuries.
► *This arrow indicates the appropriate precaution to you in order to avert the danger.*

Caution!
This symbol indicates a potentially dangerous situation. Failure to comply with these instructions can result in minor injuries or damage to property.
► *This arrow indicates the appropriate precaution to you in order to avert the danger.*

Please note!
This information provides you with recommendations for use and useful tips.

For your Safety

General safety instructions for power tools

 **WARNING**

Read all the safety instructions and precautions.
Failure to observe the safety instructions and precautions can result in electric shock, fire and/or serious injuries.

Keep all safety instructions and precautions for future reference.
The term "power tool" used in the safety instructions refers to mains-operated power tools (with mains power lead) and battery-operated power tools (without mains power cable).

1) Safety at the place of work

a) **Keep your work area clean and well illuminated.**
Untidiness and unlit work areas can result in accidents.

b) **Never use the power tool in potentially explosive environments containing flammable liquids, gases or dusts.**
Power tools generate sparks which can ignite dust or vapours.

c) **Keep children and other persons away from the power tool during use.**
A moment's distraction can cause you to lose control of the machine.

2) Electrical safety

a) **The connecting plug of the power tool must fit into the plug socket. The plug must not be modified in any way. Do not use adapter plugs in conjunction with power tools with protective earth conductor.**
Unmodified plugs and properly fitting plug sockets reduce the risk of electric shock.

b) **Avoid physical contact with earthed surfaces such as pipes, heaters, cookers and refrigerators.**
There is an increased risk of an electric shock if your body is earthed.

c) **Keep power tools away from rain and moisture.**
The ingress of water into a power tool increases the risk of an electric shock.

d) **Do misuse the cable in any way by using it to carry or hang up the power tool or to pull the plug out of the socket. Keep the cable away from heat, oil, sharp edges and moving machine parts.**
Damaged or kinked cables increase the risk of an electric shock.

e) **When working with a power tool outdoors, use only extension leads that are suitable for outdoor use.**
Use of an extension lead suitable for outdoor use reduces the risk of electric shock.

f) **If use of the power tool in a damp environment is unavoidable, use a residual-current circuit breaker.**
Use of a residual-current circuit breaker (RCCB with 10 mA maximum tripping current) reduces the risk of an electric shock.

3) Safety of persons

a) Always work carefully, attentively and sensibly when using a power tool. Do not use power tools if you are tired or are under the influence of drugs, alcohol or medication.
A moment of inattention while using the power tool can result in serious injuries.

b) Wear personal protective equipment and always wear goggles.
Use of personal protective equipment, such as dust mask, non-slip safety shoes, helmet or ear protectors, depending on the type and application of the power tools, reduces the risk of injuries.

c) Avoid accidental switching on of the power tool. Ensure that the power tool is switched off before connecting it to the mains power supply and/or connecting the battery and before picking up or carrying the tool.
If you have your finger on the switch when carrying the power tool or you connect the tool to the power supply when it is switched on, this can lead to accidents.

d) Remove the adjusting tools or wrenches before switching on the power tool.
A tool or wrench in a rotating part of the tool can result in injuries.

e) Avoid abnormal postures when working. Ensure you are standing firmly and maintain your balance at all times.
This will enable you to control the power tool better in unexpected situations.

f) Wear suitable clothing. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
Loose clothing, jewellery and long hair can get caught in moving parts.

g) If dust extraction and collection devices can be installed, ensure that these are connected and are used correctly.
Use of a dust extraction system can reduce the hazards caused by dust.

4) Using and handling the power tool

a) Do not overload the tool. Use the power tool intended for your work.
You work better and safer within the given power range if you use a suitable power tool.

b) Do not use a power tool whose switch is defective.
A power tool which can no longer be switched on or off is dangerous and must be repaired.

c) Remove the plug from the plug socket and/or remove the battery before carrying out tool adjustments, changing accessories or placing the tool aside.
This precautionary measure prevent unintentional starting of the power tool.

d) Store power tools out of the reach of children when not in use. Do not allow people to use the tool unless they are familiar with it, or if they have not read this instruction manual.
Power tools are dangerous if they are used by inexperienced people.

e) Maintain power tools with care. Check whether moving parts are in proper working order and do not jam, whether parts are broken or damaged in such a way that they impair the function of the power tool. Have damaged parts repaired before using the tool.
Many accidents are caused by poorly serviced and maintained power tools.

f) Keep cutting tools sharp and clean at all times.
Carefully maintained cutting tools with sharp cutting edges jam less easily and are easier to control.

g) Use the power tool, accessories, insert tools/bits, etc. in accordance with this instruction manual. Take into consideration the working conditions and the work to be carried out.
Use of power tools for any purpose other than the intended uses can lead to dangerous situations.

5) Service

a) Have your power tool repaired only by qualified personnel and only using original spare parts.
This will ensure that the safety of the power tool is maintained.

Machine-Specific Safety Instructions

➢ Operating personnel requirements

- **People below the age of 16 may not use the machine.**

➢ Workplace safety

- **Watch out for open and concealed electricity cables, and water and gas pipes. Use suitable detectors to find concealed utility pipes and cables, or contact the local utility company for advice.**
Contact with electricity cables can cause fires and an electric shock. Damage to a gas pipe can cause an explosion. Penetrating a water pipe causes damage to property or could cause an electric shock.
- **Secure the workpiece.**
A workpiece securely held in clamping devices or a vice is more safely held than in the hand.
- **Avoid dust accumulation in the workplace.**
Dusts can easily ignite.
- **Ensure adequate ventilation in closed rooms.**
Risk due to dust emission and visual impairment.

- **Dust from materials such as coatings containing lead, several types of wood, minerals and metal can be harmful to health and cause allergic reactions, respiratory diseases and/or cancer.**
  Asbestos-containing material may only be machined by specialists.
  - *Wherever possible, use a dust extractor suitable for the material you are working on (e.g. a special BAIER dust extractor).*
  - *Ensure the workplace is properly ventilated.*
  - *We recommend wearing a face mask respirator with filter class P2 or P3 (to EN 149:2001).*

  Observe the relevant regulations in your country for the materials to be machined.
- **Do not use the power tool near flammable materials.**
  Sparks could ignite these materials.
- **Avoid causing situations where other people can stumble or trip.**
  Tripping over cables can cause serious injuries.

➢ **Electrical safety**

- **Check the power tool, connection cable and plug for damage before each use.**
  A damaged machine is dangerous and no longer safety to operate.
- **Note the mains voltage! The power source voltage must match the details given on the rating plate of the power tool.**
- **If using the power tool with a mobile generators, loss of power or atypical behaviour on switching on is possible.**
- **Do not use the power tool if the cable is damaged. Do not touch the damaged cable and disconnect the mains plug if the cable is damaged while you are working.**
  Damaged cables increase the risk of an electric shock.
- **Only use extension cables, which are suitable for the machine's power consumption and have a minimum cross-section of 1.5 mm^2. If you use a cable drum, always completely unwind the cable.**
  The rolled up cable can heat up and start to burn.
- **Regularly clean the ventilation slots of your power tool by blowing it out. Never use liquids. Never insert screwdrivers or any other objects into the ventilation slits. Do not cover the ventilation slits.**
  The motor fan draws dust into the housing and a large accumulation of metal dust can cause electrical hazards.
- **External electromagnetic interference (e.g. mains voltage fluctuations, electrostatic discharges) can cause the power tool to switch off automatically.**
  In this case, switch off the power tool and then switch it back on again.
- **Do not use any insert tools which require liquid coolant.**
  The use of water or other liquid coolants could result in an electric shock.

For your Safety

➢ **Safety of people**

- **Wear personal protective equipment and, depending on the work situation, use:**

full-face protection, eye protection or safety glasses/goggles, hard hat and special apron

Protect yourself against debris thrown up by wearing a hard hat, safety goggles or face protection and wear an apron, if necessary.

Hearing protection

The typical A-weighted sound pressure level of this power tool is over 85 dB (A) while working with the tool.

If you are exposed to loud noise for lengthy periods, there is a risk of hearing damage or even hearing loss.

Dust mask, half-face filter mask or face mask respirator

Inhaling fine mineral dust can cause health damage. We recommend wearing a face mask respirator with filter class P2 or P3 (to EN 149:2001).

The machine may only be used together with an approved dust extractor (e.g. a special BAIER dust extractor).

Anti-vibration safety gloves

At a release value A (8) for arm-hand vibrations of over 2.5 m/s^2, the wearing of anti-vibration safety gloves is recommended.

Vibrations can cause health damage.

Non-slip safety footwear

- **Ensure other people keep a safe distance from your work area. Any person entering the work area must be wearing personal protective equipment.**
  Broken pieces of the workpiece or broken insert tools can fly off and cause injuries, even outside the immediate work area.
- **Hold the tool at the insulated gripping surfaces only when carrying out work during which the insert tool can hit concealed electricity cables or the tool's own mains power lead.**
  Contact with a live conductor can also energise metal parts of the tool and cause an electric shock.
- **Keep the mains power lead away from rotating insert tools.**
  If you lose control of the tool, the mains power lead can be cut or caught and your hand or arm can be pulled into the rotating tool.

- **Never put down the power tool until the insert tool has come to a complete standstill.**
  The rotating insert tool can come into contact with the surface on which the power tool is placed, which could cause you to lose control of the power tool.
- **Do not leave the power tool running while you are carrying it.**
  Your clothing can get caught by inadvertent contact with the rotating insert tool and the insert tool can drill into your body.
- **If the machine is switched on, do not direct insert tools towards your own or other people's bodies. Do not touch or take hold of the tools.**

➢ **Hazards when using and handling the power tool**

- **The power tool may only be used with the guard plate fitted.**
- **Do not use insert tools or accessories. which have not been especially provided and recommended for this power tool by the manufacturer.**
  Just because you can attach the insert tools and/or accessories to your power tool is not a guarantee of safe use.
- **The allowable speed of the insert tool must be at least as high as the maximum speed given on the power tool.**
  Accessories which rotate faster than approved can break and fly off the tool.
- **The outer diameter and thickness of the insert tool must correspond to the dimensions of your power tool.**
  Incorrectly dimensioned insert tools cannot be adequately shielded or controlled.
- **Insert tools, installation materials and accessories must precisely match the spindle of your power tool.**
  Insert tools and accessories, which do not precisely fit on the spindle of the power tool rotate irregularly, vibrate severely and can result in loss of control.
- **Change insert tools carefully and only use the mounting tools provided, if they are in perfect condition. Disconnect the mains plug before changing the insert tool.**
  Use of the mounting tool provided prevents damage to the power tool and insert tool.
- **After attaching insert tools, before switching on, check that they are correctly fitted and can freely rotate. Ensure that insert tools do not touch the protective hood or other parts.**
- **Never use damaged insert tools. Before each use, check insert tools for splinters and cracks. If the power tool or insert tool is dropped or falls, check whether it is damaged, or use an undamaged insert tool. If you have checked and inserted the insert tool, keep yourself and other people nearby outside the plane of the rotating insert tool and let the power tool run at maximum speed for one minute.**
  Most damaged insert tools break during this test period.

- **Do not expose power tools to extreme heat and cold.**
  Mechanical and electrical damage can occur during extreme heat and/or cold.
- **Allow the insert tools, tool holders and other parts cool in the immediate vicinity of the work area after use.**
  The machines can be very hot after use, do not touch the parts, risk of injuries.
- **Additional signs or other, non BAIER-specific parts may not be screwed or riveted onto the motor, handle, gearbox or protective housing.**
  This could damage the power tool and cause malfunctions.
- **Avoid unnecessary noise emissions.**
- **Note and follow the safety and work instructions for the accessories used.**

Kickback and relevant safety instructions

Kickback is the sudden reaction caused by a rotating insert tool that get caught or is blocked. Catching or blocking results in abrupt stopping of the rotating insert tool. This causes the power tool to be accelerated in an uncontrolled way, opposite the rotational direction of the insert tool at the blocking point.
Kickback is the consequence of incorrect or faulty use of the power tool. It can be prevented by taking suitable precautions, as described in the following.

- **When switching on and while working with the power tool, hold onto it tightly at both handles and place your body and arms in a position in which they can absorb the kickback forces or reaction torque on starting up.**
  The person using the tool can control the kickback and reaction forces by taking suitable precautions.
- **Avoid blocking of the insert tools caused by pressing too hard or feeding too fast.**
  Overloading increases the possibility of kickback or breaking the insert tools.
- **Never place your hand near rotating insert tools.**
  The insert tool can move across your hand during kickback.
- **Keep your body clear of the area in which the power tool would move in the event of kickback.**
  The kickback drives the power tool in the opposite direction to the movement of the insert tool at the blocking point.
- **Take particular care when working in the area of corners, sharp edges, etc. Prevent insert tools from rebounding from or jamming in the workpiece.**
  The rotating insert tool tends to get stuck in corners, sharp edges or if it rebounds. This causes loss of control or kickback.

➢ **Service** / **Maintenance** / **Repair**

- **Have the power tool checked if it has been dropped or become wet.**
  A possibly damaged power tool is dangerous and no longer safe to operate. Before using the power tool again, have it checked by our customer service or an authorised service centre of Maschinenfabrik OTTO BAIER GmbH.
- **Repair and maintenance work may only be carried out by an authorised service centre of Maschinenfabrik OTTO BAIER GmbH.**
  Otherwise, all liability and warranty claims against Maschinenfabrik Otto BAIER GmbH expire.
- **Ensure that original BAIER spare parts and original BAIER accessories only are used when needed.**
  Original parts are available from authorised dealers. Use of non original parts can cause damage to the machine and an increased risk of accidents.
- **Regular servicing by Maschinenfabrik OTTO BAIER GmbH or a servicing and repair company authorised by us is specified.**
  Many accidents are caused by poorly serviced and maintained power tools.

Technical Characteristics

Technical specifications

Façade cutter/dresser type		BFF 222
Operating voltage (V / Hz)		110/ 50/60
Power consumption (watt)		800
Protection class		⧈ / II
Torque (Nm)		10
Speed (min $^{-1}$)		1100
Cutting width (mm)		190
Cutting depth (mm)		0 – 6
Weight (kg)*		4.8
L_{pA} (sound pressure) dB (A) **	K = 3 dB	87
L_{WA} (sound power) dB (A) **	K = 3 dB	95
Vibration measurement (m/s ^{2})**	K = 1.5 m/s ^{2}	3.8

* Weight according to EPTA procedure 01/2003.
** Noise and vibration values to EN 60745.

Machine characteristics

The façade cutter/dresser is equipped with a mechanical overload coupling to protect the user and the machine. A connection for effective dust extraction with BAIER's BSS 506 special dust extractor is provided as a standard feature.

Scope of Supply

Please refer to the enclosed delivery note for the individual scope of supply of a customer-specific order.
Please refer to the table below for the scope of supply of basic models. Please contact your dealer if parts are missing or damaged.

Façade Cutter / Dresser Basic model	ID No.	Façade Cutter / Dresser	Metal transport case with tools	Star-type wheel dresser (set incl. guard plate)	Set with all inserts
BFF 222					
	9072	x	x	x	

x = included in scope of supply

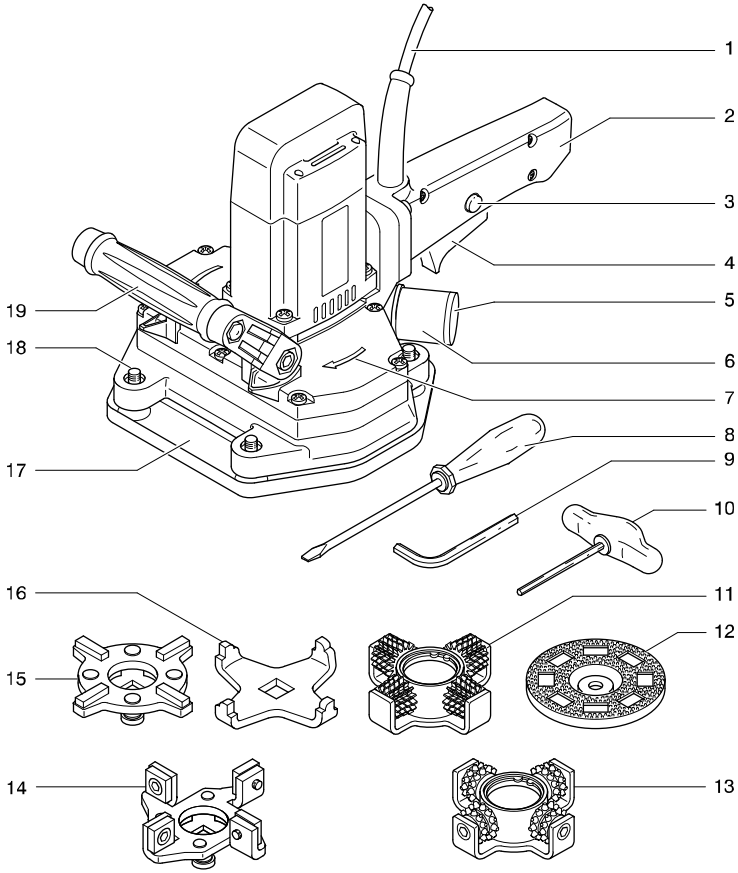
Intended Use

Provided it is fitted with the relevant insert tool for the material to be machined, the BFF 222 façade cutter/dresser is suitable for the following uses:

- for smoothing concrete surfaces,
- for grinding and remedial work on floors (screed and industrial floors),
- for removing old screed, carpeting remains, tile adhesive, etc.,
- for grinding heat-sensitive materials (e.g . polyester-based paint in swimming pools),
- for cutting plaster, r endering and façade coatings,
- for roughening smooth surfaces.

Machine Parts and Controls

1 Connection cable
2 Handle
3 Starting lockout button
4 ON / OFF switch
5 Cap
6 Socket for dust extractor hose connection
7 Rotation arrow, cutter
8 Screwdriver
9 Allen key, SW 8
10 Allen key, SW 5
11 Star-type wheel dresser
12 Carbide grinding disc
13 Star-type serrated wheel dresser
14 Carbide cutter with indexable inserts
15 Diamond grinding disc
16 Carbide cutter
17 Guard plate
18 Hex socket head cap screws
19 Front handle



Insert Tools and Accessories

BAIER insert tools for the BFF 222 façade cutter/dresser	Area of use	ID No.
Diamond grinding disc (Scope of supply: 2 cutters, right/left-hand, each with 4 solid diamond segments)	For remedial work on hard surfaces: ▪ machining concrete surfaces (e.g. levelling out concrete-formwork crossovers), ▪ grinding and remedial work on floors (screed and industrial floors), ▪ removing paint (e.g. graffiti on concrete surfaces), ▪ roughing steps made of natural stone.	55327
Carbide cutters (Scope of supply: 2 cutters, right/left-hand, each with 4 carbide indexing plates)	High removal rate from smooth surface: ▪ cutting plaster, rendering and façade coatings, ▪ removing carpeting remains, tile adhesive, etc.	55335
Carbide grinding disc (Scope of supply: 2 cutters, right/left hand)	For roughening and rough grinding: ▪ removing heat-sensitive coverings and coatings (e.g. synthetic resin-based paint from hardwood planks).	49643
SF 80 star-type wheel dresser (Scope of supply: 2 cutters, right/left-hand, each with 16 replaceable carbide start-type wheels)	For cutting, levelling, rough grinding and derusting: ▪ removal and levelling out abrasive screed, ▪ cutting rendering on outdoor walls, ▪ grinding heat-sensitive materials, e.g. polyester-based paint in swimming pools, ▪ roughly grinding off concrete residues and paint from concrete, ▪ removing carpeting remains and tile adhesives, ▪ roughly derusting metal surfaces. **Note:** Use special guard plate to reduce dust, see below (ID No. 57463).	54957
Set of carbide cutters with indexable inserts (Scope of supply: 2 cutters, right/left-hand, each with 4 carbide indexing plates)	For gentle or aggressive removal (carbide indexing plates raised): ▪ Defined removal or levelling of soft screed and plaster, ▪ scratching off materials that tend to smear, e.g. oil-based paint in swimming pools and different types of paint on diverse surfaces, ▪ removing graffiti. **Note**: Working free of fine dust (including lead-containing materials) is only possible if you use the **guard plate** (ID No. 57463).	73379
Star-type serrated wheel dresser set (Scope of supply: 2 cutters, right/left hand)	For roughening natural stone and concrete. **Note**: Working free of fine dust is only possible if you use the **guard plate** (ID No. 57463).	73288

Insert Tools and Accessories

- Star-type wheel dresser set
  (SF 80 star-type wheel dresser set incl. guard plate) (ID. No. 60616)
- Guard plate for star-type wheel dresser and
  carbide cutter with indexable inserts (ID. No. 57463)
- Replacement star-type wheels
  (1 set contains 16 spare star-type wheels)
  for star-type wheel dresser (ID. No. 57984)
  (16 replacement star-type wheels required per star-type wheel dresser)
- Replacement washers (ID No. 21071)
  (Washers are required to adjust the cutting depth.)
- BAIER BSS 506 special dust extractor (ID. No. 73585)

Before Starting Work

Note and follow the following points before each use to ensure safe working with the façade cutter:

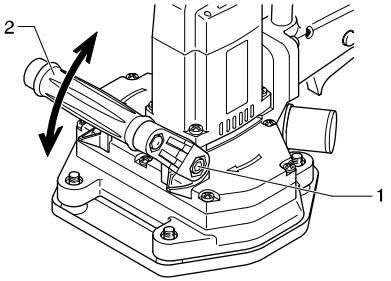
- Read through all safety instructions and warnings in this instruction manual.
- Check whether the voltage on the rating plate is identical with the mains voltage.
- Before each use, check the machine, connection cable, plug and tight fit of the cutters or grinding discs.
- Use only BAIER cutters and BAIER grinding discs, to ensure adequate safety.
- Use only the insert tools recommended by Maschinenfabrik OTTO BAIER GmbH for the respective use (see table on page 14).
- Depending on the insert tool, attach the appropriate guard plate (see page 19) and set the correct cutting depth (see page 18).
- Wear protective clothing such as hard hat, face protection or safety goggles, half-face filter mask, hearing protection, safety gloves, slip-resistant safety footwear and if necessary an apron.
- The façade cutter may only be used, either if a dust extractor is connected (see also next point) or if the socket for connection of the dust extractor hose is closed off with a cap.
- If materials that produce harmful dusts are cut (e.g. quartz sand, lead-containing paint pigments, etc.), a suitable dust extractor (e.g. BAIER BSS 506 special dust extractor) must be connected to the façade cutter.

- ***Please note!***
  We can only guarantee the machine's full performance if it is used with the BAIER BSS 506 dust extractor.

- ***Danger!***
  Risk of fire if cable drums used.
  ► *If cable drums are used, ensure the cable is completely unwound. The rolled up cable can heat up and start to burn.*

Adjust the front handle (Figure 1)

Figure 1



To enable comfortable handling of the machine, the tilt of the front handle (2) can be adjusted.

- Use the Allen key SW 8 to undo the two hex socket cap screws (1).
- Adjust the handle (2).
- Re-tighten both hex socket head cap screws (1).

Operation and Control

Attach or replace insert tools (Figures 2 and 3)

Choose a cutter or grinding disc according to the intended use (see Table on page 14).

Danger!
Risk of fatal injuries due to electric shock.
► *Disconnect the mains plug before carrying out any work on the façade cutter.*

Danger!
Risk of injuries due to hot cutters or grinding discs.
► *The cutters and grinding discs can get hot after lengthy use of the machine. Wear gloves when changing or allow the cutter or grinding disc to cool first before removing.*

Figure 2

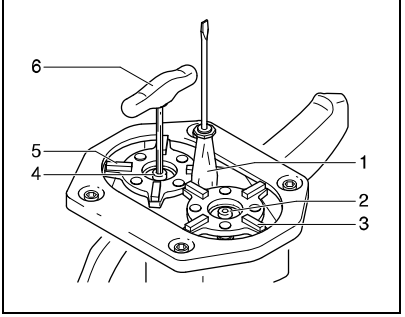
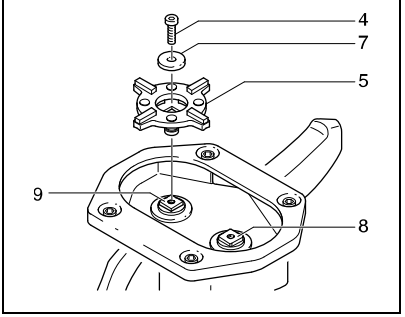


Figure 3



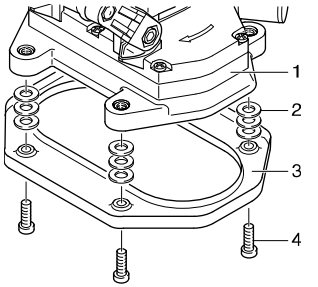
- Wait for the machine to stop before changing the insert tool.
- Use a suitable aid (e.g. screwdriver handle (1)) to block the insert tools to prevent twisting.
- Use the Allen key SW 5 (6) to undo the two hex socket cap screws (2) (**left-hand thread**) and (4) (**right-hand thread**) from the drive shafts.
- Remove the cutters or grinding discs (3/5) with the pressing discs (7) and replace with two new cutters or grinding discs.
- The new insert tools are fitted in the reverse order – the O-ring of the pressing discs always faces the insert tool.

- ***Please note!***
  The insert tools of a set have different-sized square holes. When mounting the tools, ensure that each insert tool is inserted onto the drive shaft with the appropriate size square ((8) Ø = 19 mm / (9) Ø = 17 mm).
  ***Exception**: The carbide grinding discs do not have square holes and can be mounted in any way – on the right or left.*
- Each time you fit the insert tools, turn them by hand to check that they move freely and are securely fixed in place.

- ***Danger!***
  Risk of injuries due to cracking of the cutters or grinding discs (flying parts), caused by damaged, untrue running or vibrating cutters or grinding discs.
  ► *Check the fit and condition of the cutters or grinding discs. Damaged insert tools may not be used and must be replaced immediately.*

Adjust cutting depth (Figure 4)

Figure 4



- ***Caution!***
  *Damage to the **carbide cutter, carbide cutter with indexable inserts** or **diamond grinding disc** because cutting depth too large.*

► *For grinding work using the carbide cutter, carbine cutter with indexable inserts or diamond grinding discs, the guard plate (3) must be set to the **smallest cutting depth**, i.e. **three** washers (2) must be fitted for each hex socket cap screw (4).*

The cutting depth can be changed by using washers (2) to adjust the height of the guard plate (3).

- Use the Allen key SW 5 to unscrew the four hex socket cap screws (4).
- Remove the guard plate (3).
- The required cutting depth is set by inserting the correct number of washers (2) between the machine housing (1) and the guard plate (3):
  – the smallest cutting depth of 1.2 mm is achieved by inserting three washers,
  – the maximum cutting depth of 6 mm is set if no washers are inserted.
- Position the required number of washers (2) over the four threaded holes of the machine housing (1) – the same number of washers must be placed on each threaded hole.
- Attach the guard plate (3).
- Screw in and tighten the four hex socket cap screws (4).

- ***Please note!***
  Three washers are fitted in the factory, i.e. the smallest cutting depth of 1.2 mm is preset.

Replace guard place (Figure 4, page 18)

If you want to use the façade cutter with the star-type wheel dresser, the star-type serrated wheel dresser or the carbide cutter with indexable inserts, a special guard plate (ID No. 57463) must be fitted to reduce dust.

- Remove the guard plate (3), see above.
- Remove all washers (2) and replace with the four spacer sleeves supplied.
- Position the guard plate for the star-type wheel dresser, the star-type serrated wheel dresser or the carbide cutter with indexable inserts.
- Screw in and tighten the four hex socket cap screws (4).

Connect dust extractor (Figures 5 and 6)

Figure 5

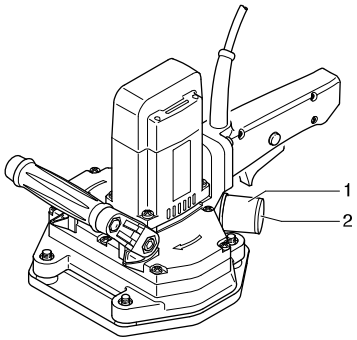
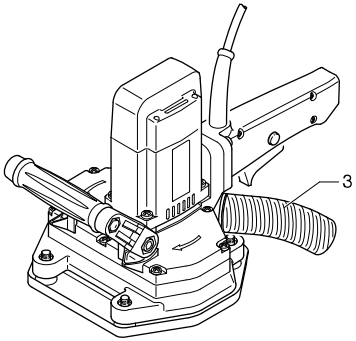


Figure 6



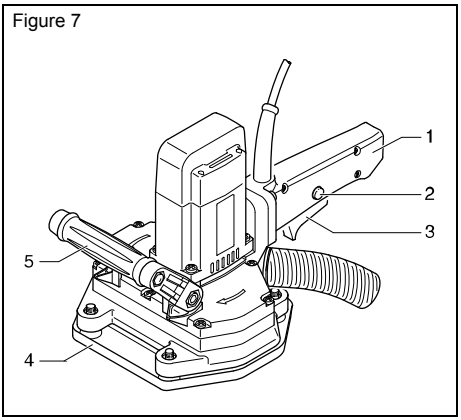
- ***Danger!***
  Fine and toxic dust is harmful.
  ► *If materials that produce harmful dusts are cut (e.g. quartz sand, lead-containing paint pigments, etc.), a suitable dust extractor (e.g. BAIER BSS 506 special dust extractor) must be connected to the façade cutter.*
- Remove the cap (2) on the socket (1).
- Check the dust extractor is working properly and then push the dust extractor hose (3) firmly onto the socket (1).
- The socket (1) is designed for the suction hose of BAIER's BSS 506 special dust extractor.

- ***Please note!***
  Greater effort may be required to push on the suction hose in cold ambient temperatures.

Operation and Control

Switch on façade cutter and cut (Figure 7)

Figure 7



- ***Caution!***
  Damage to insert tools and gearbox.
  ► *Prevent the machine from "dancing" on hard material and only use sharp insert tools, as otherwise the insert tools and gearbox can be damaged.*
- Always hold the façade cutter firmly with both hands on the handles (1 and 5).
- Position the façade cutter with the side of the guard plate (4) facing towards the switching handle, so that the insert tools do not touch the surface to be machined.
- Switch on the façade cutter; to do this, press the starting lockout button (2) first, then press the ON / OFF switch (3) and wait until the machine has reached its full speed.
- Push the running insert tool into the surface to be machined.
- As soon as the guard plate (4) sits completely on the surface, push the machine and guide it in the required working direction.

Finish cutting (Figure 7)

- ***Danger!***
  Risk of injuries due to after-running of the cutters or grinding discs, after switching off the façade cutter.
  ► *Always hold the cutters or grinding discs away from your body and wait for them to completely stop before putting down the façade cutter.*

  The façade cutter switches off as soon as the ON / OFF switch (3) is released. Do not put down the façade cutter until the grinding disc has stopped.

Cleaning

Danger!
Risk of fatal injuries due to electric shock.
► *Disconnect the mains plug before carrying out any work on the façade cutter.*

The machine must be cleaned after each cutting work session.

- Carefully clean the machine and blow out with compressed air.
- Ensure handles are dry and free of grease.

Maintenance

Danger!
Risk of fatal injuries due to electric shock.
► *Disconnect the mains plug before carrying out any work on the façade cutter.*

The façade cutter must be serviced at least once a year. Further, servicing will be necessary depending on the wear of the carbon brushes.
Only servicing and repair firms authorised by Maschinenfabrik OTTO BAIER GmbH may carry out maintenance of the machine. Also ensure that original BAIER spare parts and original BAIER accessories only are used.

Declaration of Conformity

BAIER BFF 222 façade cutter/dresser

CE We herewith declare, with sole responsibility, that this product conforms with the following standards or normative documents:

EN 60745

in accordance with the provisions of the Directives

2006/42/EC

7 July 2011

ppa. Dr.-Ing. Günther Lorenz

ppa. Wilfried Hartmann

Maschinenfabrik OTTO BAIER GmbH,
Heckenwiesen 26,
D-71679 Asperg

Warranty

The power tools placed on the market and distributed by **Maschinenfabrik OTTO BAIER GmbH** take into account the regulations of the laws concerning engineering tools and equipment to protect against risks to health and safety.
We guarantee the perfect quality of our products and accept the costs of subsequent repairs by replacing the damaged parts or replacement with a new machine in case of design, material and/or manufacturing errors within the warranty period. The warranty period for commercial use is 12 months.

Prerequisite for a warranty claim due to design, material and/or manufacturing errors is:

1. Proof of purchase and compliance with the instruction manual
A mechanically produced original copy of a purchase voucher must always be submitted in order to make a warranty claim. It must contain the complete address, date of purchase and type designation of the product.
The instruction manual for the respective machine and the safety instructions must have been complied with.
Damage due to faulty operation cannot be recognised as a warranty claim.

2. Correct deployment of the machine
Maschinenfabrik OTTO BAIER GmbH products are developed and produced for specific purposes.
A warranty claim cannot be acknowledged in the event of failure to comply with the intended use in accordance with the instruction manual, misuse or use for another purpose or use of unsuitable accessories. The warranty does not apply if the machine is deployed in continuous and piece-work operation or for rental and hire purposes.

3. Compliance with servicing intervals
Regular servicing by us or a servicing and repair firm authorised by us is prerequisite for warranty claims. Servicing is specified for when the carbon brushes are worn, however at least once a year.
The machine must be cleaned in accordance with the provisions of the instruction manual. All warranty entitlements expire in case of intervention/tampering with the machine by third parties (opening the machine).
Servicing and cleaning work are not generally covered by the warranty.

4. Use of original BAIER spare parts
Ensure that original BAIER spare parts and BAIER accessories only are used. They are available from authorised dealers. The type and quantity of grease are to be used according to the valid grease list. Use of non original parts can cause consequential damage to the machine and an increased risk of accidents. Dismantled, partly dismantled machines and machines repaired with third party spare parts are excluded from the warranty.

5. Wearing parts
Certain components are subject to wear or normal wear and tear resulting from use of the respective power tool. These components include, among other things, carbon brushes, ball bearings, switches, power cords, seals, shaft sealing rings. Wearing parts are not covered by the warranty.

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