

FEIDER

MACHINES



ELECTRIC ROUTER

FDEF1200

USER GUIDE

CAUTION: Read the instructions before using the machine!

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1. SAFETY INSTRUCTIONS

1.1 GENERAL POWER TOOL SAFETY WARNINGS



WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*
- 4) **Power tool use and care**
- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*
- 5) **Service**
- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

1.2 SAFETY WARNINGS FOR ROUTING MACHINES

- **Only hold the power tool by insulated gripping surfaces, as the milling cutter may contact its own cord.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and may give the operator an electric shock.*
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** *Holding the workpiece by your hand or against the body leaves it unstable and may lead to loss of control.*

1.3 ADDITIONAL SAFETY WARNINGS FOR ROUTING MACHINES

- **Wear protective gloves when changing the insertion tools.** *The applied tools heat up during longer operation.*
- **During operation hold onto the power tool with both hands and make sure you stand firmly on the ground.** *It is safer to handle the power tool with two hands.*
- **Wait until the device has come to a standstill, before putting it down.**
- **The rated speed of the milling tools must be at least equal to the maximum speed marked on the power tool.** *Accessories running faster than their rated speed may be destroyed.*
- **Milling cutters or other accessories must fit exactly into the collet chuck (shank diameter 6/8 mm) of your power tool.** *Milling tools that do not precisely match the collet chuck of the power tool will run out of balance, vibrate excessively and may cause loss of control.*

- **Only hold the power tool against the workpiece when the tool is switched on and running.** *Otherwise there is a risk of kickback if the tool bit gets caught in the workpiece.*
- **Keep your hands away from the milling area and the milling cutter.** *Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the milling cutter, they cannot be cut by the milling cutter.*
- **Never mill over metal objects, nails or screws.** *The milling cutter can be damaged and cause increased vibrations.*
- **Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance.** *Contact with electrical lines may result in fire and electric shock. Damaging a gas line may lead to an explosion. Damaging a water line causes property damage.*
- **The maximum speed indicated on the tool must not be exceeded.**
- **Tools with visible cracks must not be used.**

1.4 INTENDED USE

We recommend using the power tool with original accessories.

Only use the device for:

- **Milling**
 - Wood
 - Plastics
 - Free-form milling
 - Profile milling
 - Milling with a centring tip
 - Milling with a rip fence
 - Edge and profile milling

indoors and in compliance with the technical data.

Foreseeable misuse

Do not use the device for:

- Milling of steel or non-ferrous metals
- Milling ceramics or stone
- Processing workpieces requiring a continuous water supply

The device is not suitable for permanent use in protected outdoor areas.





Any other use than the one described in the chapter "Intended use" is regarded as reasonably foreseeable misuse.

Personnel qualifications

People who use this device must:

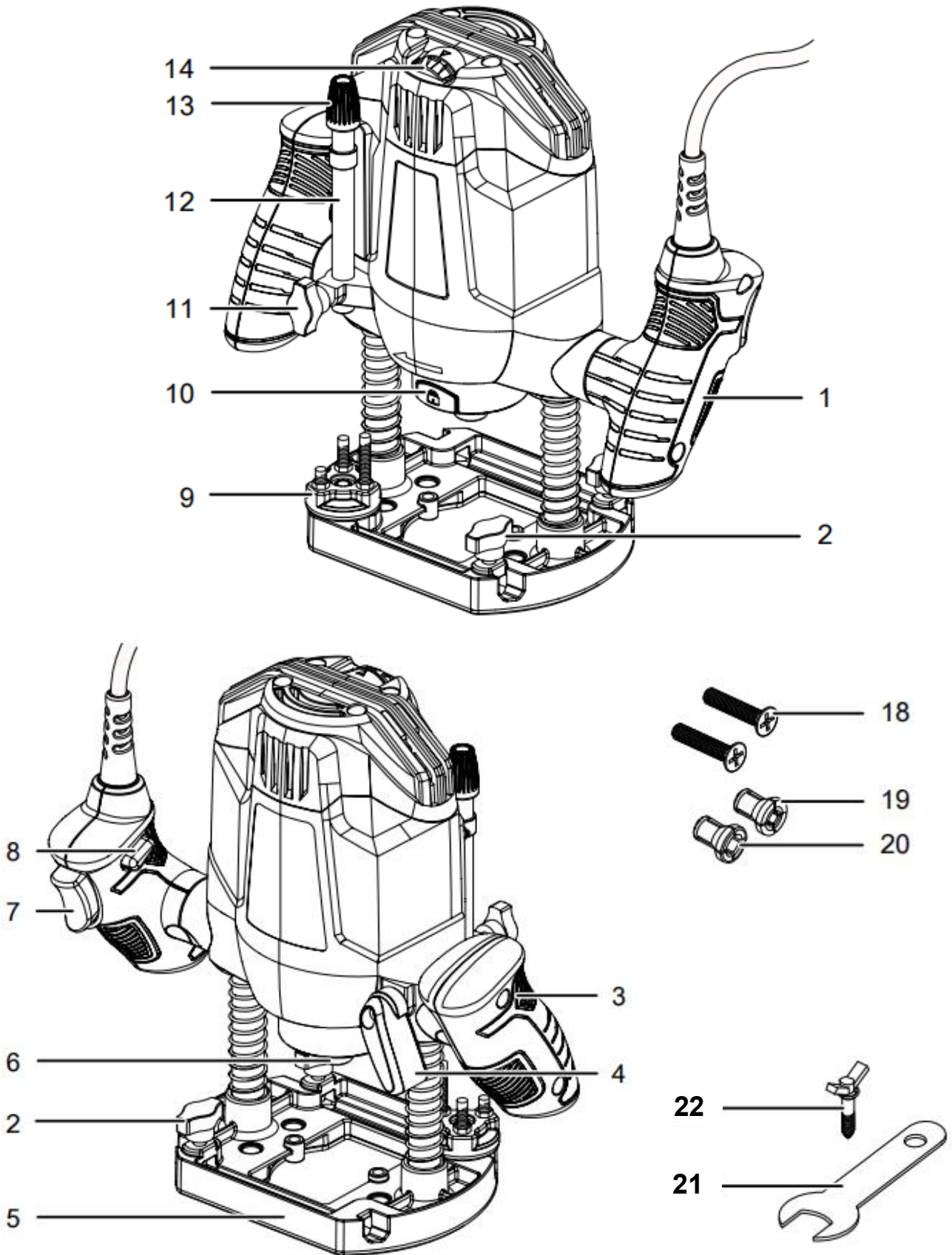
- have read and understood the instructions, especially the Safety chapter.

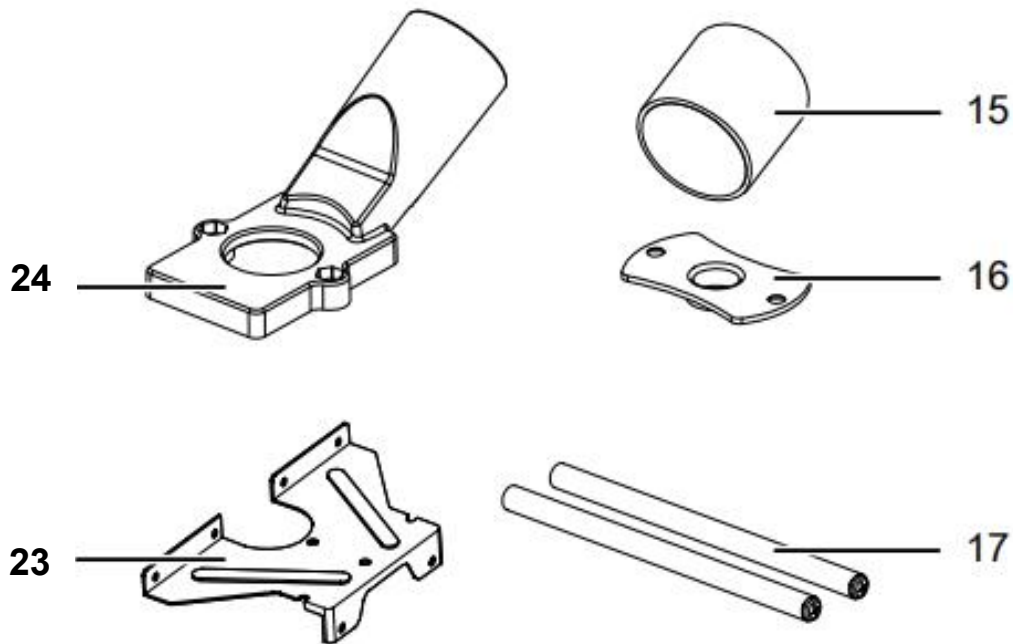
1.5 SYMBOLS

	To reduce the risk of injury, the user must read and understand this manual before using this product.
	The product complies with the applicable European directives and an evaluation method of conformity for these
	This product is of protection class II. That means it is equipped with enhanced or double insulation.
	WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

2. KNOW YOUR PRODUCT

2.1 DEVICE DEPICTION





- | | |
|---|--|
| 1) Right handle | 13) Control dial for milling depth setting |
| 2) Wing screw for rip fence | 14) Setting wheel speed selection |
| 3) Left handle | 15) Reducer (dust extraction system) |
| 4) Locking lever for milling depth lock | 16) Guide bush |
| 5) Base plate | 17) Guide rods |
| 6) Tool holder | 18) Phillips screws |
| 7) On/off switch | 19) Collet chuck 6 mm |
| 8) Start lock | 20) Collet chuck 8 mm |
| 9) Step buffer | 21) Open-end wrench |
| 10) Spindle lock button | 22) Centring tip with wing nut |
| 11) Wing screw for depth stop | 23) Rip fence |
| 12) Depth stop | 24) Extraction adapter |

2.2 SCOPE OF DELIVERY

Some of the parts mentioned below have been preinstalled on the device.

- 1 x routing machine
- 1 x rip fence
- 2 x guide rods
- 1 x collet chuck 6 mm
- 1 x collet chuck 8 mm
- 1 x adapter for external dust extraction
- 1 x reducer (dust extraction system)
- 2 x Phillips screws
- 1 x guide bush
- 1 x centring tip with wing nut
- 1 x open-end wrench
- 1 x depth stop
- 1 x Manual

2.3 INFORMATION ABOUT THE DEVICE

The device is a routing machine for routing workpiece surfaces and edges in wood, plastic and lightweight construction materials.

The supplied cutter bits allow to create grooves, V-grooves, milling of fillets, rounding and milling of profiles in workpiece edges.

The cutting depth can be infinitely adjusted between 0 mm and 55 mm. The milling depth can be set to within 0.1 mm via the fine adjustment.

For material-compatible working, the rated speed can be set steplessly selected within a range of 11,000/min to 30,000/min at the setting wheel.

The device is equipped with a start lock to prevent the device from being switched on unintentionally, as well as a spindle lock that provides for an easy change of the milling cutter.

The mountable adapter for external dust extraction allows for dust-free and clean working.

2.4 BEHAVIOUR IN THE EVENT OF AN EMERGENCY / EMERGENCY STOP FUNCTION

Emergency stop:

Removing the mains plug from the mains socket results in the function of the device immediately stopping. In order to secure the device against accidental switch-on, leave the mains plug disconnected.

Behaviour in the event of an emergency:

- 1) Switch the device off.
- 2) In an emergency, disconnect the device from the mains feed-in: Hold onto the mains plug while pulling the power cable out of the mains socket.
- 3) Do not reconnect a defective device to the mains.

3. TECHNICAL DATA

Voltage	230V~
Frequency	50Hz
Power	1200W
No load speed	11000-30000/min
Milling depth setting / milling stroke	55 mm
Tool holder	6 or 8 mm
Type of protection	IP20
Weight	3 kg
Sound pressure level L_{pA}	89 dB(A)
Uncertainty K_{pA}	3.0 dB(A)
Sound power level L_{WA}	100 dB(A)
Uncertainty K_{WA}	3 dB(A)
Vibration value a_h	Vibration emission value at the right handle: 6,437 m/s^2 Vibration emission value at the left handle: 5,060 m/s^2
Uncertainty K	1,5 m/s^2

INFORMATION

- The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

WARNING

- The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed; and
- of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).
- Wear hearing protection.

4. ASSEMBLY

4.1 UNPACKING THE DEVICE

- Take the device and the accessories out of the packaging.



Warning of electrical voltage

Electric shock from insufficient insulation. Check the device for damages and proper functioning before each use. If you notice damages, no longer use the device. Do not use the device when the device or your hands are damp or wet!

- Check the contents for completeness and look for damages.



Warning Risk of suffocation! Do not leave the packaging lying around. Children may use it as a dangerous toy.

- Dispose of the packaging material according to the national regulations.

Observe the following information before start-up:

Warning of hot surface

The milling cutter might still be hot after use. Burn hazard when touching the milling cutter.

Do not touch the milling cutter barehanded!

Wear protective gloves!

Warning of sharp object

Milling cutters have sharp cutting edges. Risk of injury from cuts if handled without due care. Wear protective gloves!

Note: Never actuate the spindle lock (10) button while the tool is running! This may damage the tool.

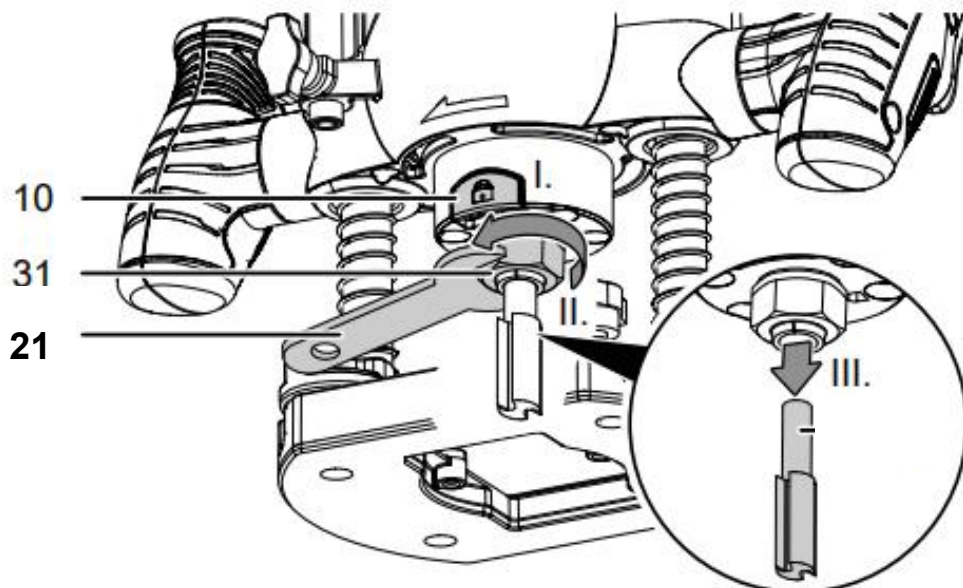
Note: Only use milling cutters with a shank diameter suitable for the respective collet chuck installed, and the speed shall be suitable for the speed of the tool. It's recommended to use HW Ø6mm or Ø8mm milling cutters with speed more than 30000/min.

4.2 TOOL CHANGE

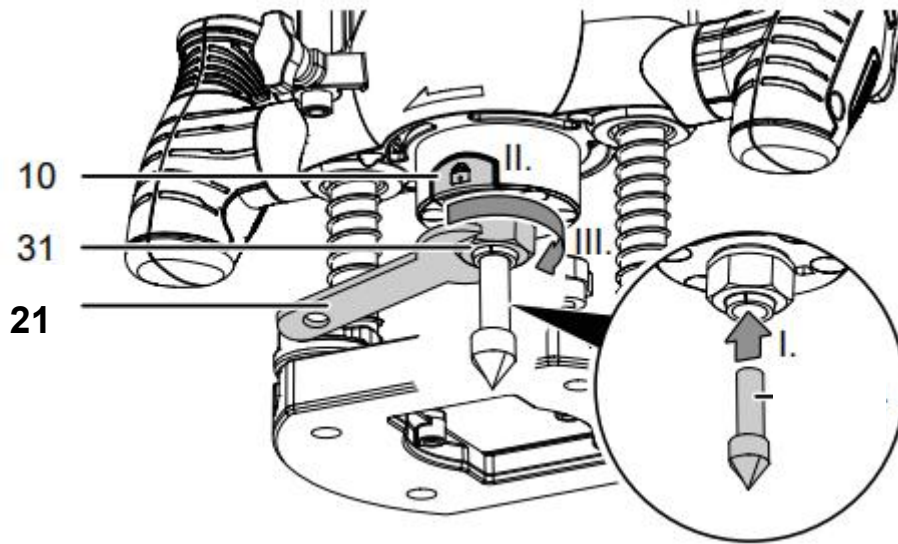
Note: Before changing the tool, check whether the suitable collet chuck is mounted and replace it if necessary.

In order to change the tool, proceed as follows:

- 1) Press the spindle lock (10) and keep it pressed.
- 2) Unscrew the union nut (31) using the open end wrench (21) by turning it in counterclockwise direction. It is not necessary to fully unscrew the union nut (31).
- 3) Remove the tool from the tool holder, if any.



- 4) Insert the required tool in the tool holder.



- 5) Tighten the union nut (31) using the open end wrench (21) and let go of the spindle lock (10).
- 6) Make sure that the tool is attached securely.

4.3 REPLACING THE COLLET CHUCK

Warning of electrical voltage:

Before any work on the device, remove the mains plug from the mains socket!

Do not touch the mains plug with wet or damp hands.

Hold onto the mains plug while pulling the power cable out of the mains socket.

Wear protective gloves

Wear appropriate protective gloves when inserting or exchanging tools.

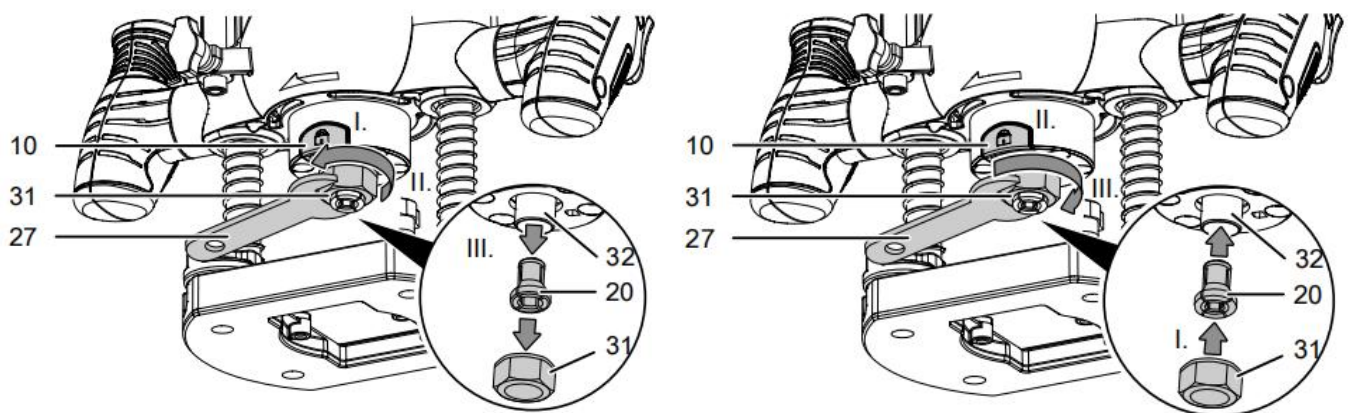
Note: Never actuate the spindle lock (10) button while the tool is running! This may damage the tool.

Note: Only tighten the union nut only with the milling cutter inserted to prevent damage to the collet chuck.

Change the collet chuck for cutters with a 6 mm cutter shank from an 8 mm router shank.

Please proceed as follows:

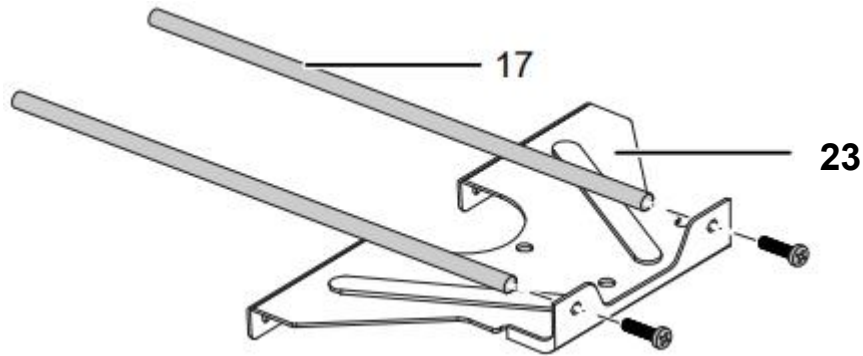
- 1) Press the spindle lock (10) button and keep it pressed.
- 2) Unscrew the union nut (31) in counterclockwise direction using the open-end wrench (27).
- 3) Remove the 8 mm collet chuck (20) from the collet chuck holder.



- 4) Insert the 6 mm collet chuck into the collet chuck holder.
- 5) Screw the union nut (31) onto the collet chuck holder in clockwise direction and tighten the union nut (31) using the open-end wrench (27). Then let go of the spindle lock (10).

4.4 PRE-ASSEMBLING THE RIP FENCE

- 1) Unscrew both screws from the guide rods (17).
- 2) Screw the guide rods (17) to the rip fence (23).

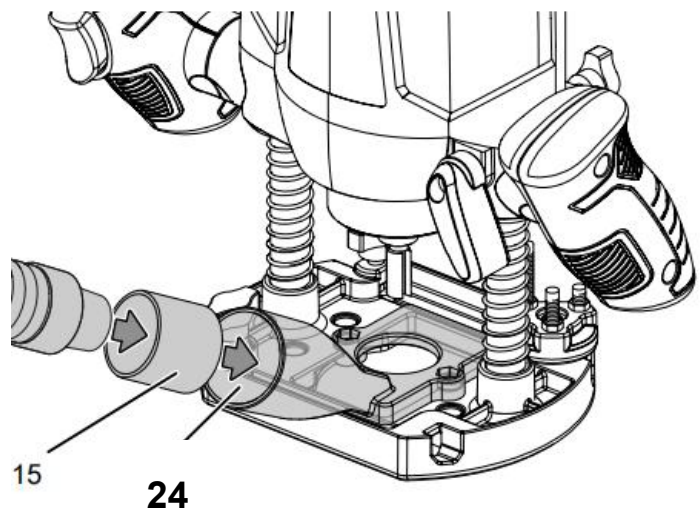
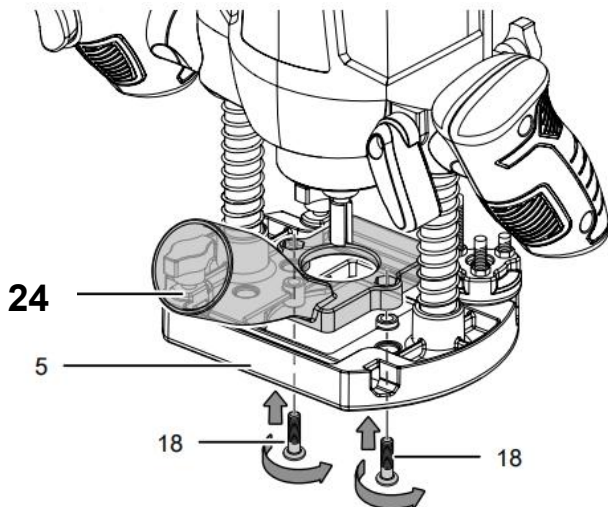


4.5 MOUNTING THE EXTERNAL DUST EXTRACTION SYSTEM

Note: Make sure that the vacuum cleaner is suitable for the material used. Use a special vacuum cleaner if harmful dusts are produced.

By connecting the dust extraction system to the machine, you can reduce the amount of dust produced during working.

- 1) Place the adapter for dust extraction (24) onto the holes provided in the base plate (5).
- 2) Insert and fasten the 2 supplied Phillips screws (18) from the bottom side of the base plate (5).
- 3) Connect a suitable vacuum cleaner (e.g. industrial vacuum cleaner) to the adapter for dust extraction (24). If required, you can first connect the reducer (15) to the adapter for dust extraction (24). If anything is unclear or if you have questions, please contact the manufacturer of your vacuum cleaner.



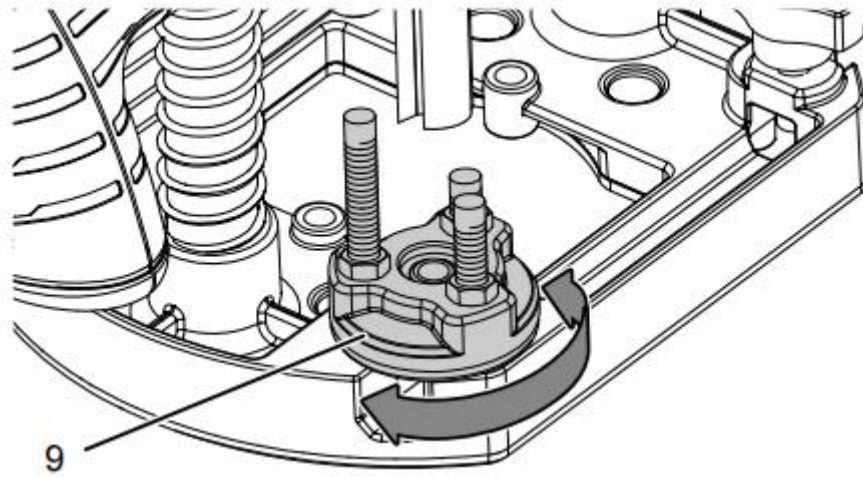
4.6 SETTING THE MILLING DEPTH

Note: The step buffer has 3 preset steps.

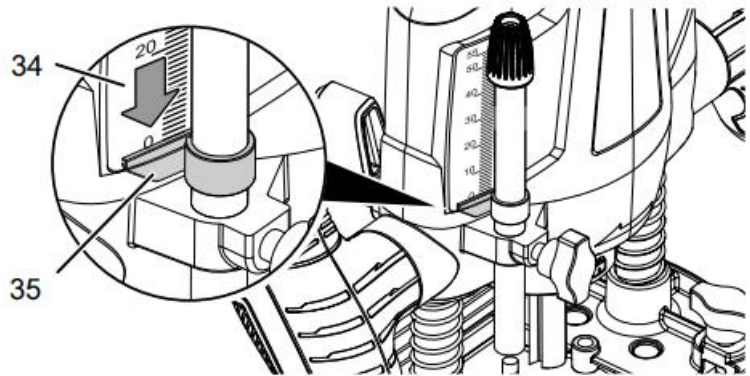
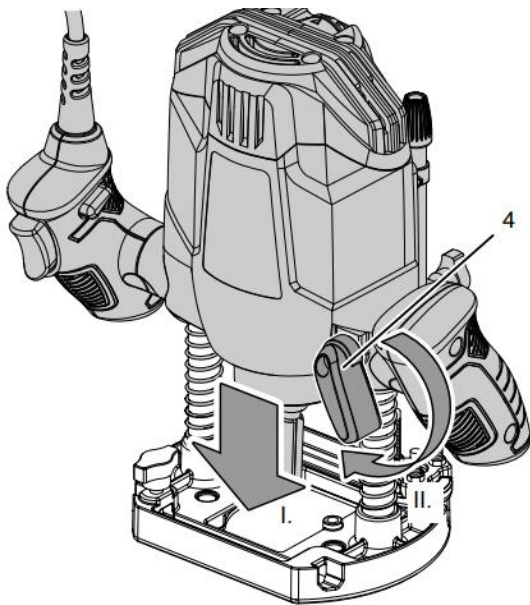
Note: Check the setting of the milling depth before starting the actual milling process by carrying out a milling test on a waste piece.

Make sure that the locking lever (4) is locked.

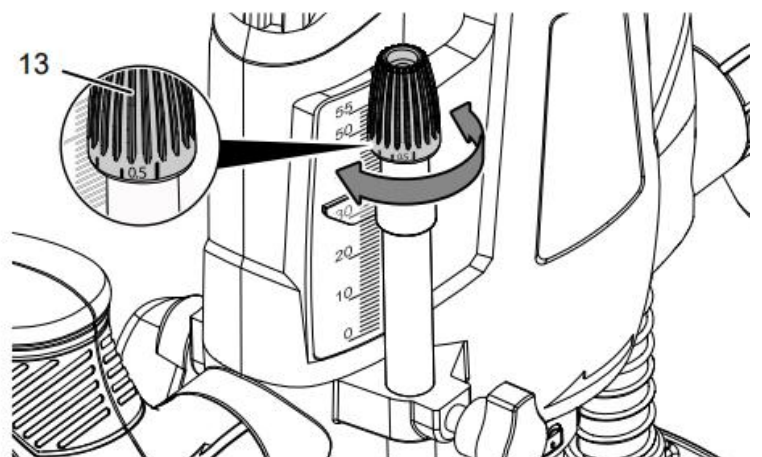
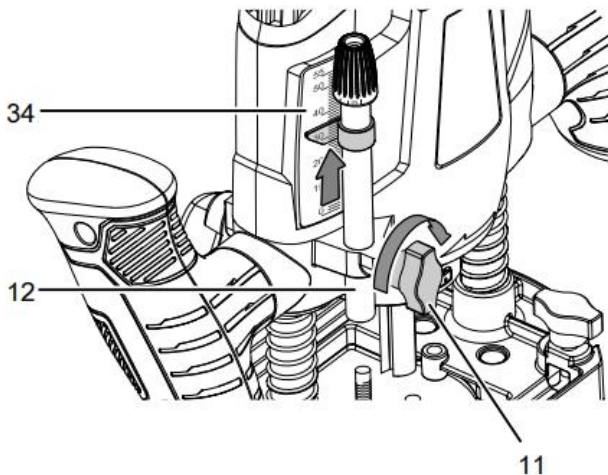
- 1) Place the device on a flat surface with the milling cutter inserted.
- 2) Turn the step buffer (9) until it engages with the lowest step below the depth stop (12).



- 3) Loosen the wing screw (11) on the depth stop (12) and, if required, turn the control dial for the fine adjustment (13) to position 0, with the 0 on the scale pointing towards you.
- 4) If required, release the locking lever for the milling depth lock (4) by turning it upwards and slowly push the device downwards until the milling cutter touches the workpiece.
- 5) Lock the locking lever for the milling depth lock (4) by turning it downwards.



- 6) Slide the depth stop (12) down until it rests on the step buffer (9).
- 7) Set the slider with the index marker (35) to position 0 on the milling depth scale (34).
- 8) Then set the depth stop (12) to the desired milling depth and tighten the wing screw (11).



- 9) If required, make a fine adjustment by turning the control dial for the fine adjustment (13) in 0.1 mm

steps to the desired level, whereby one whole turn corresponds to 1 mm: Turn counter-clockwise to increase the milling depth. Turn clockwise to decrease the milling depth.

10) After having adapted the fine adjustment, you can set the scale below the control dial (13) to position "0".

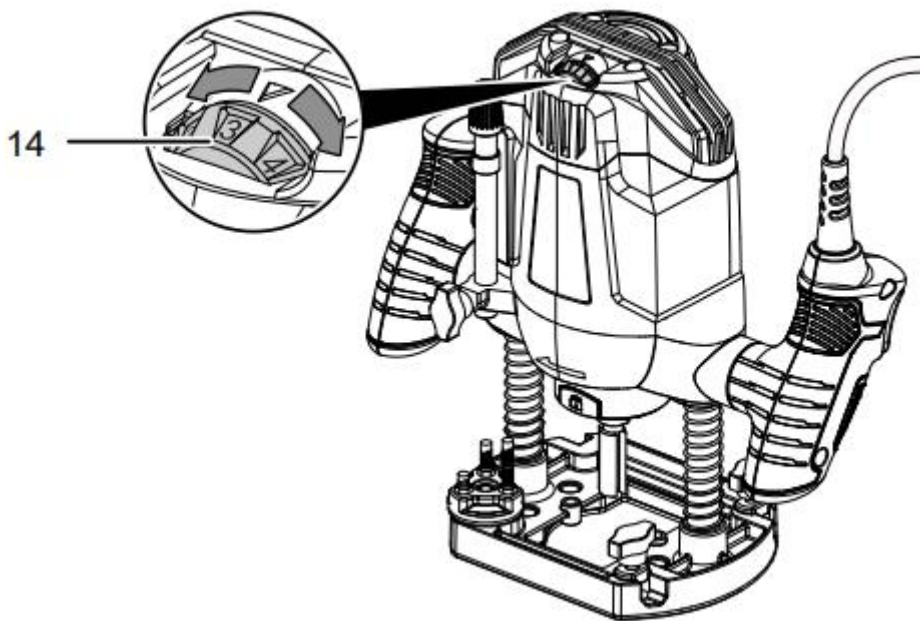
4.7 SPEED SELECTION

The required speed depends on the material and the operating conditions and can be determined by way of field-testing. Work with lower speeds for large milling cutter diameters and hard workpieces, and with higher speeds for small cutter diameters and soft workpieces. The best way to determine the appropriate speed is to carry out a milling test.

Some materials (certain plastics), however, may be damaged by the heat generated at a high speed and should therefore be processed at a correspondingly lower speed.

The setting range covers the levels 1 – 7 (11,000 – 30,000/min). You can change the preselected speed level at any time.

1). Turn the setting wheel (14) to the desired speed level.



Tips and notes for selecting the correct speed level

- Select a high speed level (level 5-7) for milling wood.
- Select a medium speed level (level 3-4) for milling softwoods and chipboards.
- If you wish to mill plastics or other materials with a low melting point, select a low speed level (level 1-2).

5. OPERATION

⚠ WARNING: Wear a protective mask. It saves you from inhaling harmful dusts generated when processing workpieces.

5.1 TIPS AND NOTES ON HANDLING THE ROUTING MACHINE

General information:

- Keep the venting slots clear to prevent the motor from overheating.
- Check the tool in the tool holder for proper fit before every application. The tool must be firmly locked in place in the designated holding fixtures in the tool holder.
- Before every application, make sure that you have selected the correct tool and the correct speed for the intended use. By adapting the speed to the task you have planned and to the material to be machined, better results can be obtained.

- Preferably use excess material to test the feed rate.

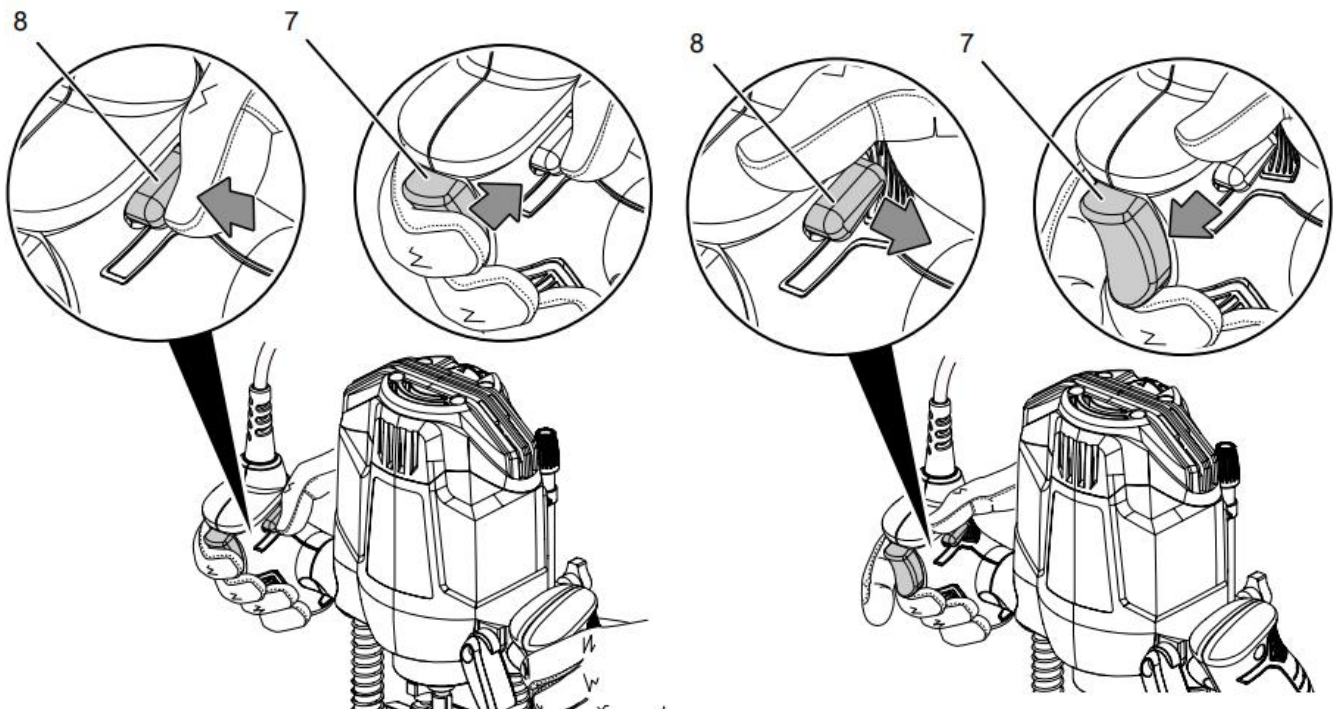
Milling:

- Provide for an even forward motion to prevent overheating of the milling cutter.
- Hold onto the tool with both hands.
- Always mill with an even forward motion and steady movements.
- Always mill against the direction of rotation of the cutter (reverse rotation). When milling in the direction of rotation (forward rotation), the device can be torn out of your hand.
- Use the V-groove cutter to mill grooves.
- Use the profile cutter to mill edges.

5.2 SWITCHING THE DEVICE ON AND OFF

Wear your personal protective equipment when working with the device.

- 1) Check whether the milling depth set is suitable for the intended application.
- 2) Check whether the inserted milling cutter is suitable for the intended application.
- 3) 3. Check whether the workpiece is secured and the worktop prepared correspondingly.
- 4) Position the device on the workpiece.
- 5) Press the start lock (8) to be able to actuate the on/off switch (7).
- 6) Press the on/off switch (7) and hold it during operation.

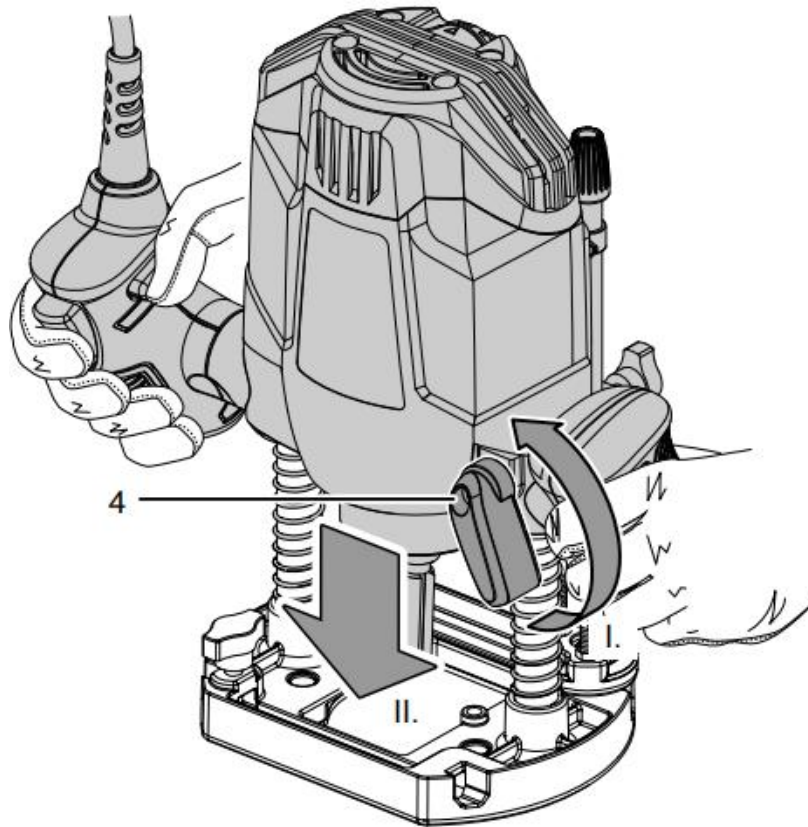


- 7) After completion the milling process, release the on/off switch (7) again to switch off the device.
- 8) Set the device down in a stable position.

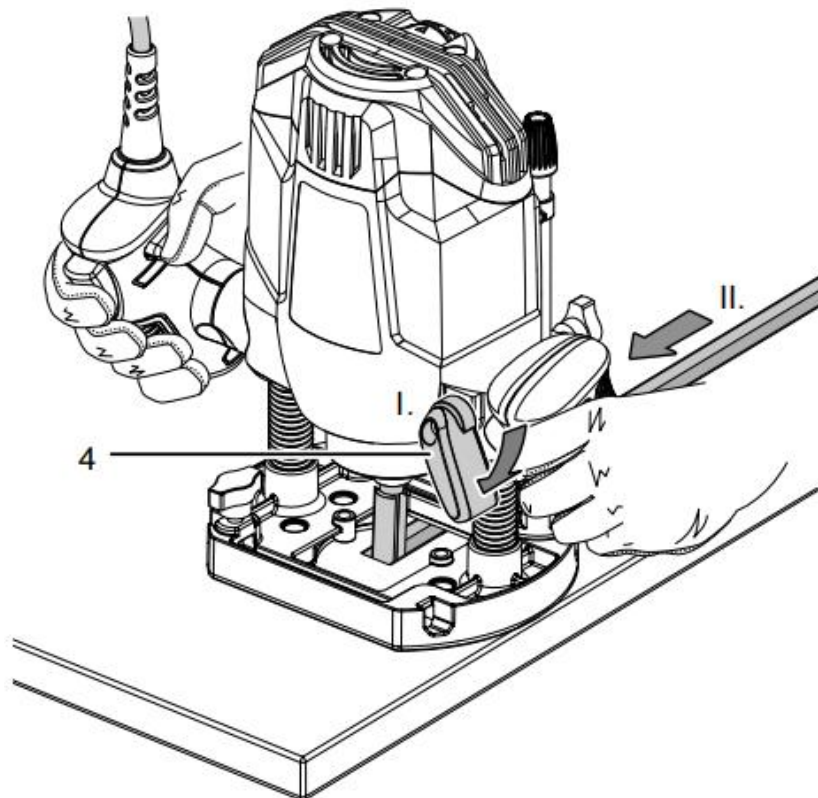
5.3 MILLING PROCESS

Note: Always mill against the direction of rotation of the cutter (reverse rotation). When milling in the direction of rotation (forward rotation), the device can be torn out of your hand.

- 1) Set the desired milling depth.
- 2) Place the device on the workpiece to be machined with the milling cutter that has been already inserted, then switch the device on.
- 3) If required, release the locking lever for the milling depth lock (4) by turning it upwards and lower the routing machine until the milling cutter enters the workpiece.



- 4) When you have reached the desired milling depth, lock the position with the locking lever for the milling depth lock (4) by turning it downwards.
- 5) Guide the device through the workpiece with even pressure.

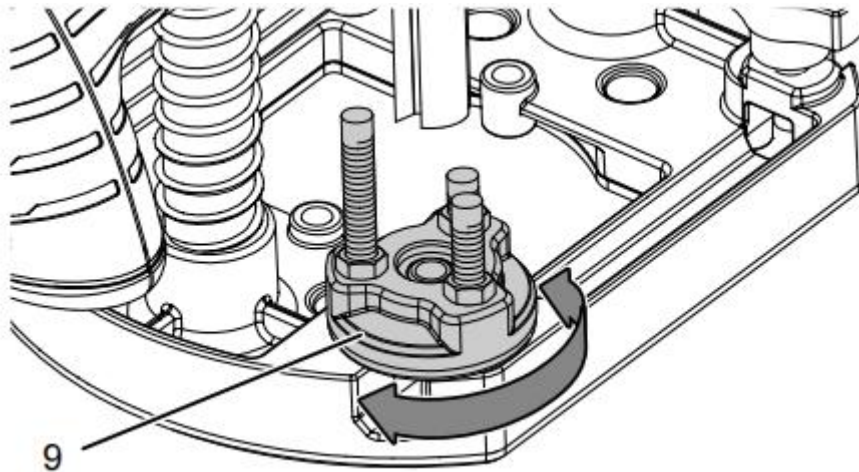


- 6) To complete the milling process, release the locking lever for the milling depth lock (4) by turning it upwards.
- 7) Allow the routing machine to return to the uppermost position.
- 8) Switch the device off.

5.4 PROGRESSIVE MILLING

For greater milling depths, it is possible to perform stepwise milling by means of the step buffer (9).

- 1) Turn the step buffer (9) until it audibly engages at the highest step below the depth stop.



- 2) Set all further milling depths using the lower steps of the step buffer (9).

5.5 EDGE AND PROFILE MILLING

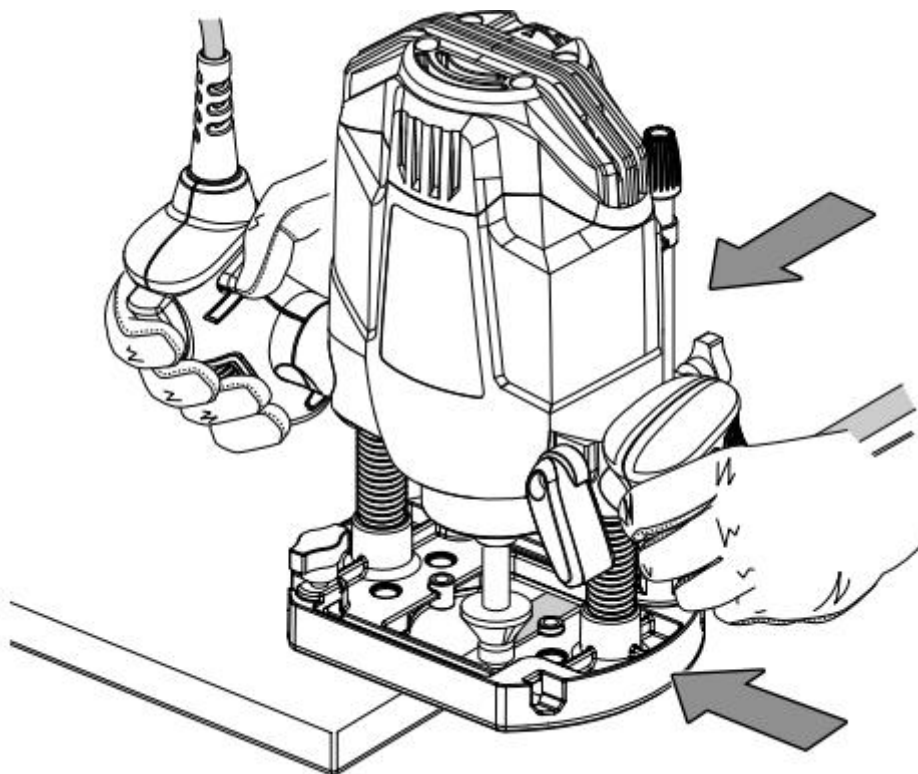
Note: The milling cutter must be equipped with a guide pin or a ball bearing when performing edge or profile milling operations without using a rip fence.

• **Use clamps or another practical way to secure and support the workpiece to a stable platform.**

Holding the workpiece by your hand or against the body leaves it unstable and may lead to loss of control.

Note: Excessive pressure when performing edge or profile milling operations can damage the edge of the workpiece.

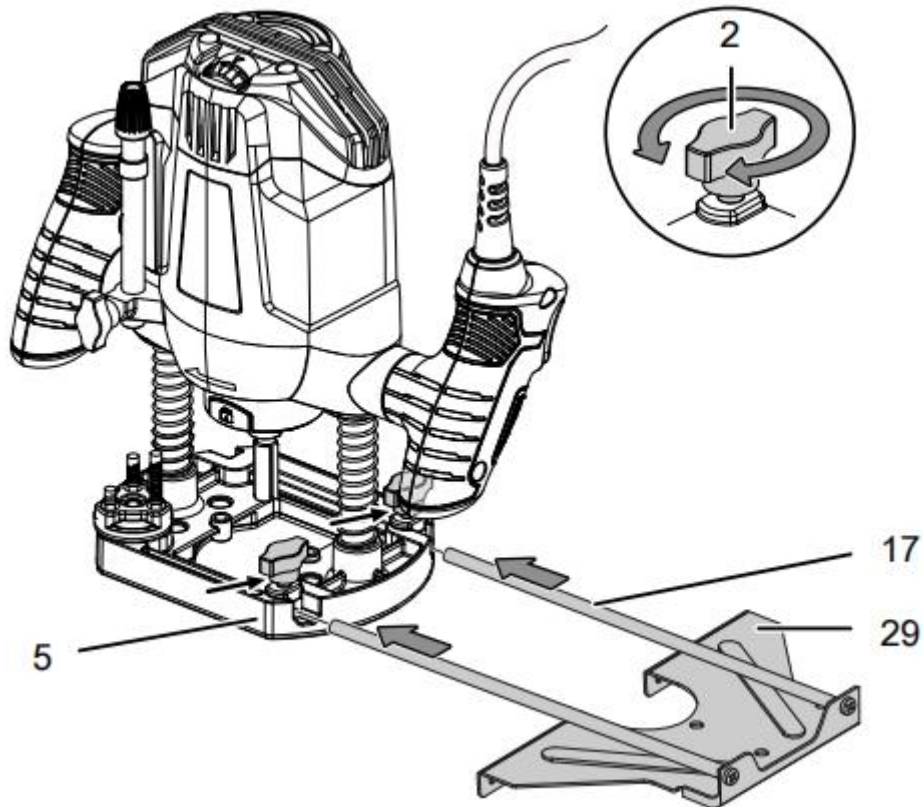
- 1) Move the activated device towards the workpiece from the side until the ball bearing rests on the edge of the workpiece to be machined.
- 2) Guide the device along the edge of the workpiece with both hands. Make sure to use a suitable, rectangular support.



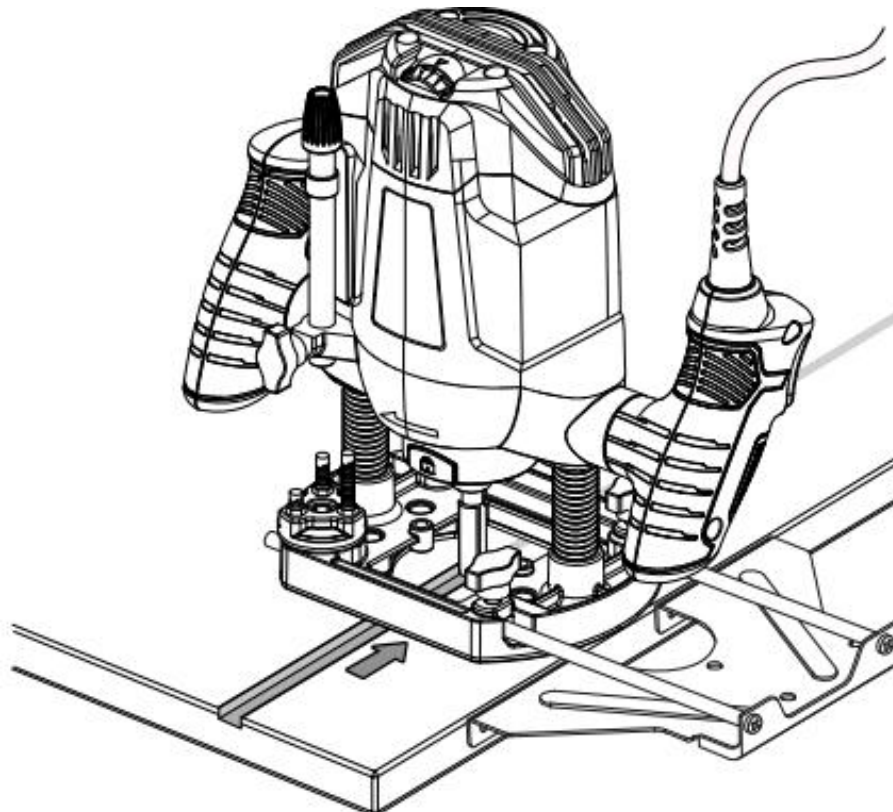
5.6 MILLING WITH A RIP FENCE

Use the rip fence for milling grooves or V-grooves as well as for milling and chamfering workpiece edges.

- 1) Push the rip fence (29) with the guide rods (17) into the base plate (5) and tighten it with the locking screws (2) as required.

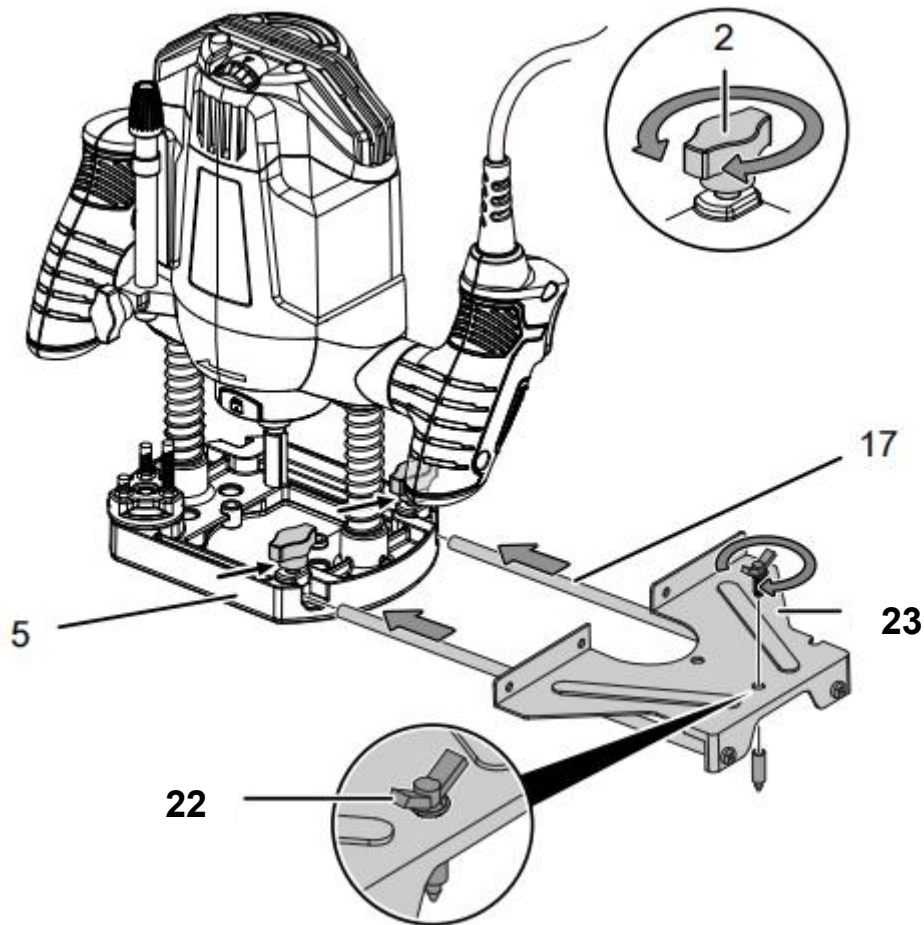


- 2) Guide the activated device along the edge of the workpiece with an even forward motion and by applying lateral pressure on the rip fence.

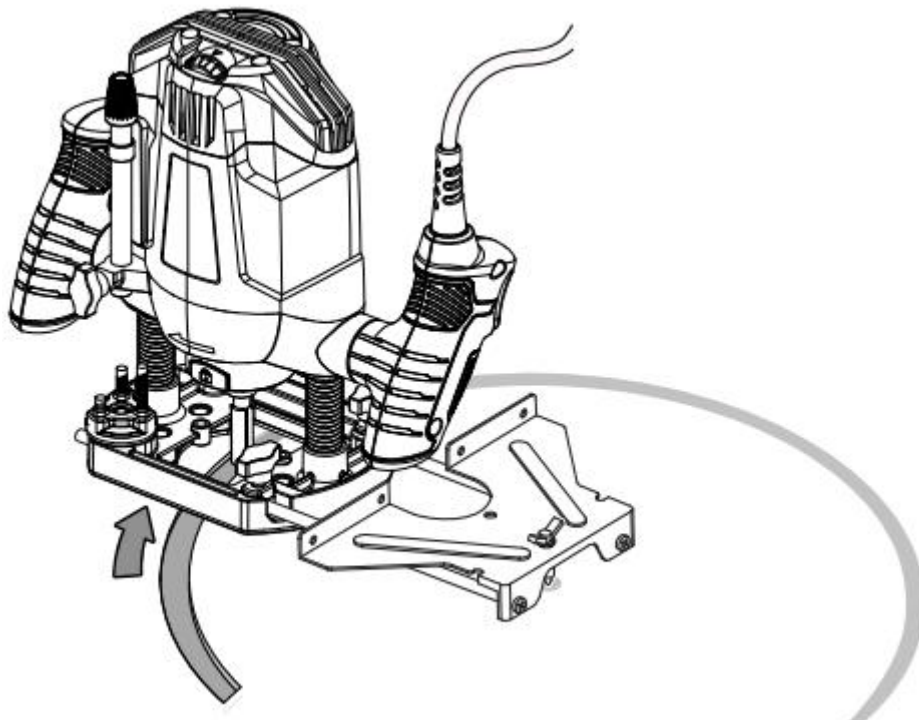


5.7 MILLING CIRCULAR ARCS

1) Turn the rip fence (23) in a way that the protruding stop parts point upwards.



- 2) Push the rip fence (23) with the guide rods (17) into the base plate (5) and tighten it with the locking screws (2) as required.
- 3) Attach the centring tip with the wing nut (22) through the hole on the rip fence (23).
- 4) Pierce the centring tip (22) into the marked centre of the arc and perform the milling process with an even forward motion.

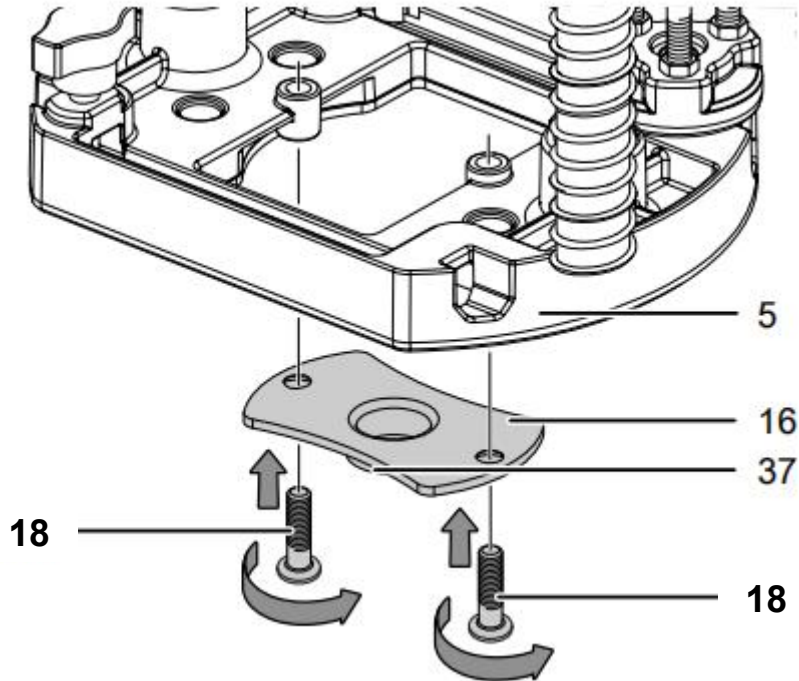


5.8 MILLING WITH THE GUIDE BUSH

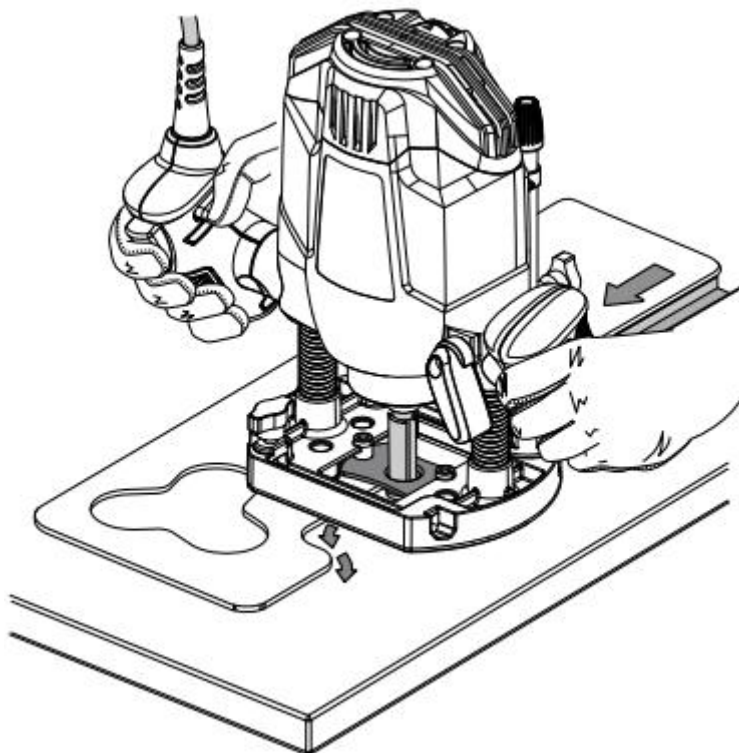
The template must be at least as high as the guide ring (37) of the guide bush (16).

If the extraction adapter (24) is fitted, it must be dismantled beforehand.

- 1) Insert the guide bush (16) into the base plate (5) from below, with the guide ring (37) pointing downwards.
- 2) Attach the guide bush (16) using the supplied Phillips screws (18).



- 3) Insert a milling cutter whose diameter is smaller than the inner diameter of the guide bush (16).
- 4) Release the locking lever (4) and lower the device until the preset milling depth is reached.
- 5) Guide the device along the template with the guide ring (37) protruding. Meanwhile, apply slight and even pressure.



6. MAINTENANCE

Activities required before starting maintenance

Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Switch off the device.
- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Allow the device to cool down completely.

Warning of electrical voltage

Maintenance tasks which require the housing to be opened must only be carried out by authorised specialist companies SWAP.

Notes on maintenance

Inside the device, there are no parts that need to be lubricated by the user.

Cleaning

The device should be cleaned before and after each use.

Warning of electrical voltage

There is a risk of a short-circuit due to liquids penetrating the housing!

Do not immerse the device and the accessories in water. Make sure that no water or other liquids can enter the housing.

- Clean the device with a soft, damp and lintfree cloth. Make sure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.
- Dry the device with a soft, lint-free cloth.

7. TROUBLESHOOTING

Shutdown

Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Switch off the device.
- Hold onto the mains plug while pulling the power cable out of the mains socket.
- If required, allow the device to cool down.
- Clean the device according to the Maintenance chapter.
- Store the device according to the Transport and storage chapter.

Errors and faults

The device has been checked for proper functioning several times during production. If malfunctions occur nonetheless, check the device according to the following list.

Troubleshooting tasks which require the housing to be opened must only be carried out by an authorized specialist electrical company SWAP.

Light smoke or odour is emitted during the first use:

- This is not a fault. These phenomena disappear after a brief runtime.

The device does not start:

- Check the power connection.
- Check the power cable and mains plug for damage. If you notice damages, do not try to take the device back into operation. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- Check the on-site fusing.

Info: Wait for at least 10 minutes before switching the device back on.

The device becomes hot:

- Make sure not to exert too much pressure on the device during operation.
- Keep the venting slots clear to prevent the motor from overheating.
- Wait for at least 10 minutes before switching the device back on.

The cutter mills very badly and becomes hot:

- Check whether the inserted milling cutter used is suitable for the application. Use a different milling cutter if required.
- Check whether the milling cutter has become blunt. Only use sharp milling cutters.
- Check the milling depth setting. If required, reduce the milling depth and mill through the material in several depth stages. Ideally, use the step buffer to do so.

Note

Wait for at least 10 minutes after maintenance and repair work. Only then switch the device back on.

The device still does not operate correctly after these checks:

Please contact the customer service. If necessary, bring the device to an authorised specialist company SWAP

8. DISPOSAL



Electrical products should not be disposed of together with household waste. Please recycle at the collection point provided for this purpose. Please consult the local government or distributor for recycling advice. Proper handling of old equipment helps to protect the environment and health.

FR
Cet appareil se recycle

À DÉPOSER EN MAGASIN OU À DÉPOSER EN DÉCHÈTERIE

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

9. DECLARATION OF CONFORMITY



BUILDER SAS

32, rue Aristide Bergès - ZI 31270 Cugnaux - France, declares that,

Product: ELECTRIC Router

Model: FDEF1200

Serial number: [20230900001-20230900320](#)

Is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives

RoHS directive 2011/65/EU + (EU) 2015/863

Directive Machine 2006/42/EC

Directive EMC 2014/30/UE

European harmonized standards

EN 62841-1:2015

EN 62841-2-17:2017

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN 61000-3-3:2013+A1:2019

EN IEC 61000-3-2:2019+A1:2021

Cugnaux, [06/06/2023](#)

Philippe MARIE / PDG

Responsible of the technical file: M. Olivier Patriarca

10. WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

Insufficient maintenance.

Abnormal assembly, adjustment or operations of the product.

Parts subject to normal wear and tear.

The warranty does not extend to:

Shipping and packaging costs.

Using the tool for a purpose other than that for which it was designed.

The use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

+33 (0)9.70.75.30.30

<https://services.swap-europe.com/contact>

You must create a "ticket" via the web platform.

Register or create your account.

Indicate the reference of the tool.

Choose the subject of your request.

Describe your problem.

Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



11. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).

Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



12. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt. This document is a supplement to your notice, a non-exhaustive list.

Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

FEIDER

MACHINES



BUILDER SAS
32, rue Aristide Bergès - ZI 31270 Cugnaux – France
Made in China in 2023