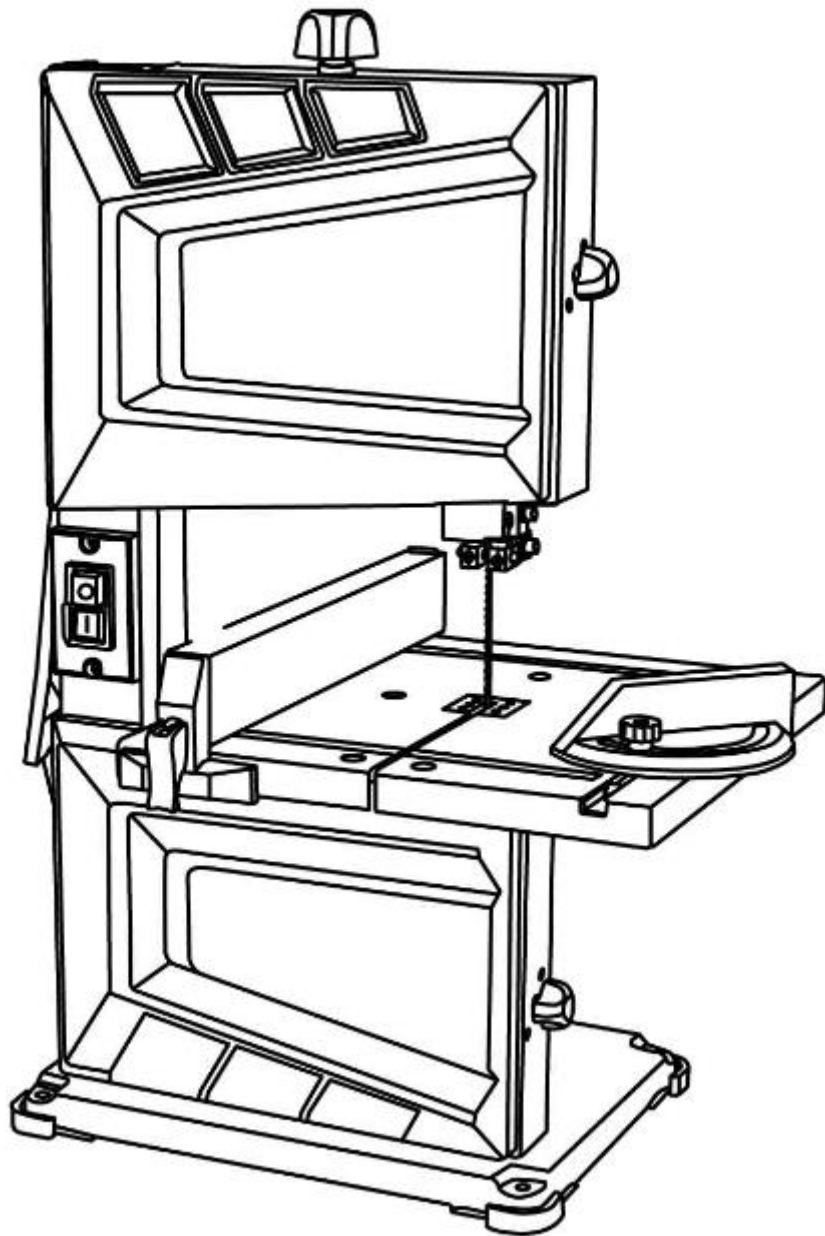
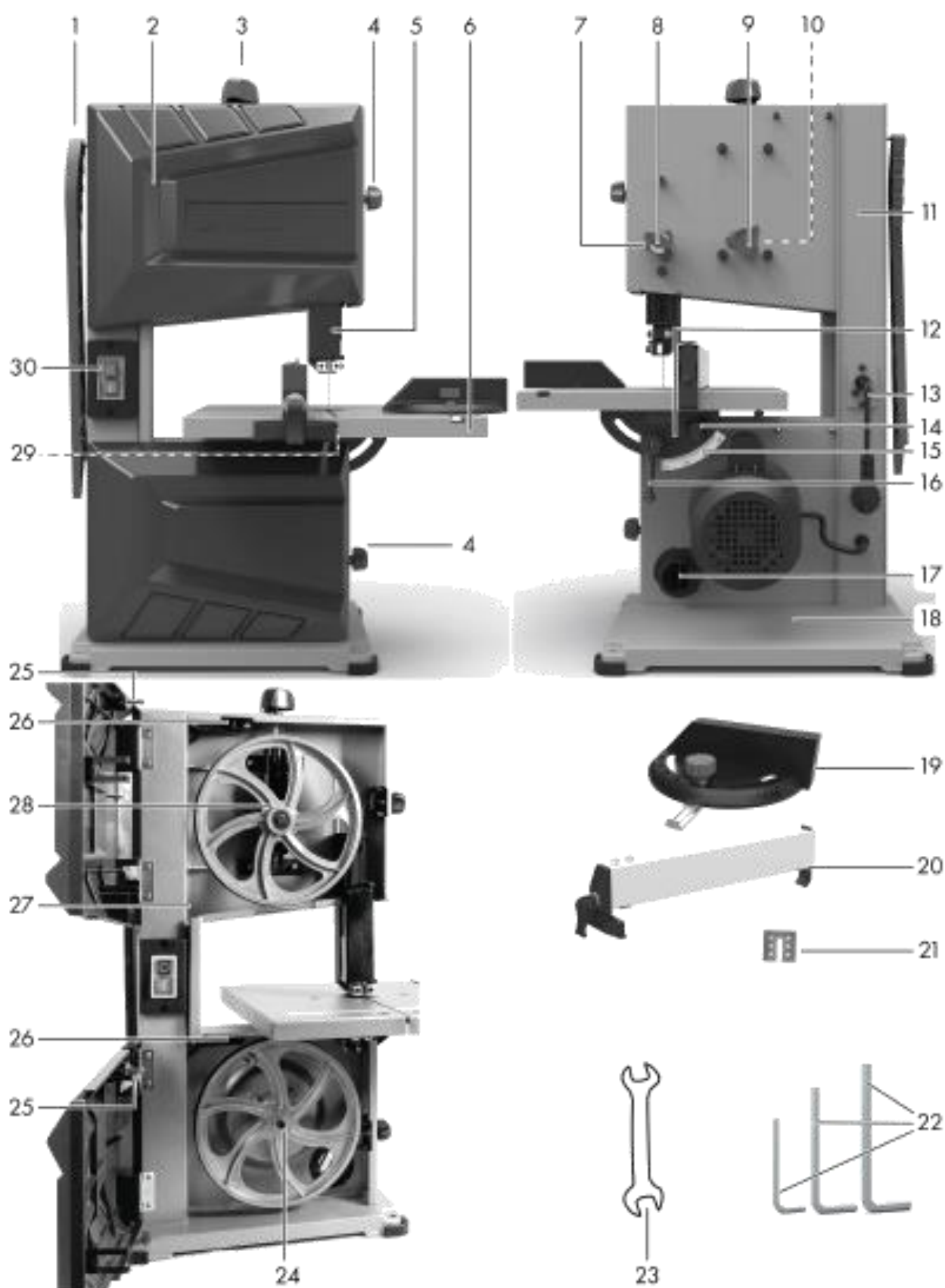
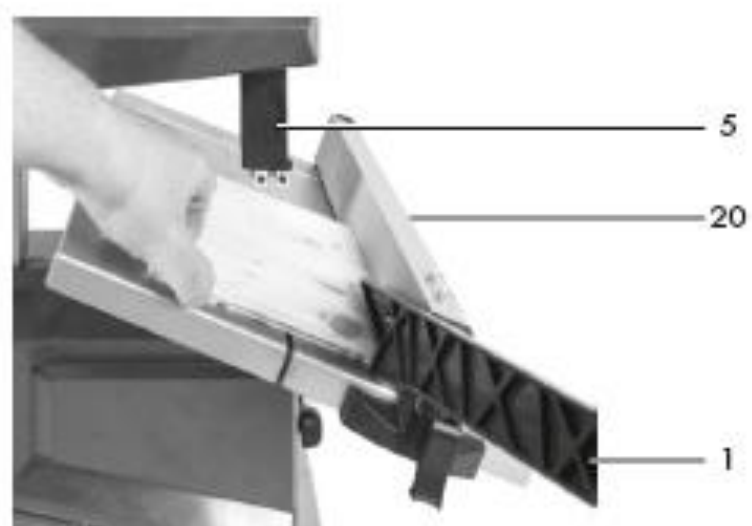


SIGMA



350W BAND SAW
WBS0801A



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1. GENERAL POWER TOOL SAFETY WARNING



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.*

6) Remaining hazards

The machine has been built using modern technology in accordance with recognized safety rules. Some remaining hazards, however, may still exist.

- Only process selected woods without defects such as: Branch knots, edge cracks, surface cracks. Wood with such defects is prone to splintering and hazardous.
- Wood which is not correctly glued can explode when being processed due to centrifugal force.
- Trim work piece to a rectangular shape, center and correctly secure before processing. Unbalanced work pieces can be hazardous.
- Injuries can occur when feeding work pieces if tool supports are not correctly adjusted or if turning tools are blunt. Sharp turning tools which are free of defects are necessary for professional turning.
- Long hair and loose clothing can be hazardous when the work piece is rotating. Wear personal protective gear such as a hair net and tight fitting work clothes.
- Saw dust and wood chips can be hazardous. Wear personal protective gear such as safety goggles and a dust mask.
- The use of incorrect or damaged mains cables can lead to injuries caused by electricity.
- Even when all safety measures are taken, some remaining hazards which are not yet evident may still be present.
- Remaining hazards can be minimized by following the instructions in „Safety Precautions“, „Proper Use“ and in the entire operating manual

2. Device description

- | | |
|----------------------------|---|
| 1 Push stick | 17 Connection for dust extraction |
| 2 Housing door | 18 Machine base |
| 3 Clamping screw | 19 Mitre gauge fence |
| 4 Door lock | 20 Rip fence |
| 5 Saw blade guard | 21 Table insert |
| 6 Saw table | 22 Allen key AF 3, 4, 5 |
| 7 Height adjustment | 23 Open-end spanner AF10 (not included in delivery) |
| 8 Retaining screw | 24 Drive wheel |
| 9 Running wheel adjustment | 25 Pin for safety switch |
| 10 Locking nut | 26 Safety switch |
| 11 Frame | 27 Band saw blade |
| 12 Clamping plate | 28 Running wheel |
| 13 Mains connection cable | 29 Reinforcer |
| 14 Handwheel bolt | 30 ON/OFF switch |
| 15 Angle scale | |
| 16 Locking handle | |

B Upper guide of the band saw blade

- 31 Rear guide mounting screw
- 32 Lateral guide mounting screw
- 33 Guide pin
- 34 Guide roller
- 35 Guide pin mounting screw

C Lower guide of the band saw blade

- 31 Rear guide mounting screw
- 32 Lateral guide mounting screw
- 33 Guide pin
- 34 Guide roller
- 35 Guide pin mounting screw

D Set the band saw blade perpendicular to the saw table

- 36 Support screw
- 37 Locking nut

3. Scope of delivery/ accessories

Unpack the appliance and check that everything is present. Dispose of the packaging material properly.

- Band saw with pre-mounted band saw blade (140 cm)
- Saw table

- Push stick
- Rip fence
- Mitre gauge fence with angle adjustment
- Allen key AF 3, 4, 5
- Instruction manual

4. Proper use

This machine is only intended for the following use:

- Cutting hard and soft wood, laminate or fibreboard.

Any other use that is not expressly permitted in this instruction manual may pose a serious hazard to the user and result in damage to the machine. The operator or user of the machine is responsible for any accidents or personal injury and/or material damage to third parties or their property. The machine is intended to be used by do-it-yourselfers.

It was not designed for heavy commercial use. The warranty is void in the case of commercial use. The manufacturer is not liable for damage caused by improper use or incorrect operation.

Residual risks

There will always be residual risks even if you operate this power tool according to the instructions. The following hazards may occur in connection with the type and design of this power tool:

- a) Eye damage if no suitable eye protection is worn.
- b) Cutting injuries

WARNING! Danger due to electromagnetic field generated while the machine is in operation. Under certain circumstances, this field may negatively affect active or passive medical implants. In order to reduce the danger of serious or fatal injuries, we recommend that individuals who wear medical implants should consult their doctor and the manufacturer of the implant before operating the machine.

5. Technical data

Rated voltage (U) 230 V~ 50 Hz

Rated output (P) 350 W S1

Mains connection cable length 3 m

Protection class I

Protection type IPX0

Weight 16 kg

Length of the band saw blade 1400 mm

Width of the band saw blade 7 mm

Idle speed n0 1500/min

Cutting capacity 80 mm (90°);

50 mm (45°)

Sound pressure level (LpA) 75.6 dB(A)

Sound power level (LWA) 88.6 dB(A),

K = 3.0 dB(A)

Noise levels were determined according to the norms and regulations in the declaration of conformity.

6. Assembly

The machine is not ready for operation on delivery. The following steps must be taken before using the machine for the first time:

- Assemble the saw table
- Adjust the position of the band saw blade

Power tools required

- Allen key AF 4 (22)

Assembling the saw table

⚠ WARNING! Cutting injuries! Wear cut-resistant gloves when working with the saw blade.

1. Remove the handle screw (14), the locking handle (16) and the clamping plate (12) of the tilt adjustment.
 2. Remove one screw of the reinforcer (29) on the underside of the saw table. Turn the reinforcer so that the slot in the saw table is free.
 3. Insert the saw table (6) from back to front. Guide the band saw blade (27) through the slot.
 4. Fasten the saw table with the clamping plate, the handle screw and the locking handle. The recess of the clamping plate runs in the guide on the underside of the saw table.
 5. Fix the reinforcer in its original position.
- ✓ The machine is now assembled.

Controls and how they function

Before working with the machine or making adjustments, familiarise yourself with all the controls and how they function. It is possible you may need to operate these controls in situations when you are not expecting it.

Raising and lowering the saw blade guard

⚠ CAUTION! Danger of cuts and damage! Always lower the saw blade guard as closely as possible to the workpiece to be sawn. This keeps the band saw blade covered and helps with the guiding of the blade.

1. **⚠ CAUTION!** Danger of cuts! Never move the saw blade guard (5) by hand. Loosen the locking screw (8) of the saw blade guard.
2. Raise or lower the saw blade guard by turning the height adjustment (7). Direction of rotation as seen from behind:
↺ raising
↻ lowering
3. Tighten the retaining screw

Tilting the saw table

You can turn the locking handle (16) independently of the screw by pulling the locking handle away from the frame (11).

1. Loosen the locking handle (16) and the handle screw (14).
2. Tilt the saw table (6). The angle scale (15) shows the inclination.
3. Tighten the locking handle and the handle screw.

Opening the housing door

⚠ WARNING! Remove the mains plug from the socket before opening the housing door.

1. Turn the door lock (4) ↺. After a maximum of 2 rotations, the housing door (2) opens slightly. The safety switches interrupt the power circuit.
2. Turn the door lock further ↺ until you can open the housing door.

Closing the housing door

1. Press and hold the housing door (2) against the frame (11).
2. Turn the door lock (4) ↻.

Safety devices and how they function

⚠ WARNING! Risk of injury from damaged safety equipment. Damaged safety equipment and parts must be repaired or replaced professionally by our service centre, unless otherwise indicated in the instruction manual. The following safety devices protect you when you are working:

Saw blade guard

- Should be as low as possible when sawing.
- Protects the hands while sawing.
- Prevents body parts or objects from being pulled in by the band saw blade. 25+26 Safety lock
- Consists of a pin (25) on the housing door and a safety switch (26) on the frame.
- Switches the machine off immediately if a housing door is opened during operation.
- Prevents body parts or objects from being pulled in by the band saw blade or wheels.

Checking the machine before operation

Check the machine carefully before each use.

⚠ WARNING! Risk of injury due to unintentional start-up. Do not insert the plug into the socket until the machine is fully prepared for use.

Checking and adjusting the tension of the band saw blade

The correct tension of the band saw blade is crucial for the functioning and safety of the machine. If the tension is too high, the band saw blade may break. If the tension is too low, the band saw blade may stop.

1. Use hand protection.
2. Raise the saw blade guard (5) up as far as possible.
3. Press laterally against the band saw blade (27).
Set point: It should be possible to push the band saw blade approx. 1-2 mm to the side.
4. Change the tension by turning the clamping screw (3) until the set point is reached. Direction of rotation as seen from above:
↺ Tension the band saw blade
↻ Release the tension of the band saw blade

Checking the position of the band saw blade

If set points are not met: see "Adjusting the position of the band saw blade".

1. Open the housing doors (2).
2. Take the following steps to check the band saw blade (27) for damage, e.g. cracks, missing teeth, etc. ⚠

WARNING! Risk of injury! A damaged band saw blade can break! Never operate the machine with a damaged band saw blade. Always mount an undamaged band saw blade.

3. Check the position on the drive wheel (24) and running wheel (28): Turn the running wheel and observe the band saw blade on the running wheel and drive wheel. Set point: The band saw blade runs entirely on the black tyre of the drive wheel and running wheel.
4. Check the position on the rear guides:
 - Turn the running wheel and observe the guide rollers (34) of the rear guides.
Set point: The guide rollers do not rotate continuously when the band saw blade moves.
 - Press the stationary band saw blade back with a piece of wood. Set point: The band saw blade can be pushed back by a maximum of ½ mm using a piece of wood.
5. Check the lateral position of the lateral guides (Fig. B, C): Turn the running wheel and observe the lateral guides from the front

Set point: The band saw blade almost touches the guide pins (33): Gap of approx. ½ mm. The band saw blade does not grind on the guide pins.

6. Check the rear position of the lateral guides:
Turn the running wheel and observe the lateral guides from the right.
Set point: The non-toothed part of the band saw blade runs between the guide pins.
7. Close the housing doors (2).

Check that the band saw blade is perpendicular to the saw table

For precise inspection you will need a vertical stop bracket (not included in delivery).

Alternatively, you can use the rip fence (20).

1. Tilt the saw table up to the support screw (36).
2. Use the stop bracket to check that the saw table and band saw blade are perpendicular to each other.

Check safety devices

⚠ **WARNING!** Risk of injury Never operate a machine if a safety device is damaged or does not work. Contact the service centre.

1. Lower the saw blade guard (5) down as far as possible.
2. Make sure that the band saw blade cover on the saw blade guard (5) is undamaged and locked.
3. Insert the machine plug into a wall socket.
4. Press the ON button of the ON/OFF switch (30)
5. Open both housing doors (2) carefully.
 - ✓ The machine switches off immediately.
6. Pull out the mains plug.

Checking and replacing the table insert

1. Check that the table insert (21) is not damaged.
2. Replace the table insert if damaged. ⚠ **WARNING!** Cutting injuries! Wear cut-resistant gloves when working with the saw blade.
 1. Press the table insert out of the saw table (6) from underneath.
 2. Place a new table insert into the recess in the saw table.
The table insert should not protrude and should be flush with the saw table.
 - ✓ The machine is ready for use.

7. Operation

Sawing with the band saw

⚠ **WARNING!** Risk of injury and damage to property! Follow these instructions when sawing:

General instructions

The following safe working practices are considered to contribute to safety, but may not be appropriate, complete or fully applicable to every application. They cannot cover every possible danger and must be carefully interpreted.

- When working in closed spaces, connect the machine to an extraction system.
- Never clean the band saw blade or the saw blade guard with a hand-held brush or scraper while the band saw blade is running. Hardened band saw blades endanger operational safety and must be cleaned regularly.
- For your personal protection, wear safety goggles and hearing protection when working. Wear a hair net if you have long hair. Roll up loose sleeves to above the elbows.
- Before starting work, all protective and safety devices must be securely mounted on the machine.

- When working, always position the saw blade guard as close as possible to the workpiece.
- Always hold the workpiece so that your hands are as far away from the band saw blade as possible.
- Always hold the workpiece so that your fingertips point away from the band saw blade.
- When the machine is not being used, e.g. when you have finished working, release the tension of the band saw blade. Attach an appropriate note to the machine for the next user, to instruct them how to tension the band saw blade.
- Safely fold unused band saw blades and store them in a dry place. Check for defects (teeth, cracks) before use. Do not use faulty band saw blades.
- Wear protective gloves when handling the band saw blade or raw materials.
- Use the push stick to manually feeding narrow workpieces.
- When cutting round or unevenly shaped wood, use a suitable holding device that prevents the workpiece from twisting.
- Secure long workpieces against tilting at the end of the cutting operation, e.g. unwinding stand.
- Lower the saw blade guard (5) down as close as possible to the workpiece for all cutting procedures (see “Raising and lowering the saw blade guard”).
- The workpiece must always be guided with both hands and held flat on the saw table (6). This prevents the band saw blade (27) from jamming.
- The workpiece must always be fed with even pressure, i.e. with just enough pressure for the band saw blade to cut through the material easily, without jamming.
- Always use the rip fence (20) for every cutting procedure that it is intended for.
- It is better to make a cut in one pass than cutting in several sections, as this may require the workpiece to be retracted. If retraction is, nevertheless, unavoidable, the band saw must be switched off first. Only pull the workpiece back after the band saw blade (27) has come to a standstill.
- When sawing, the workpiece must always be guided by its longest side.
- Caution! A push stick (1) must be used when machining narrow workpieces. The push stick must always be kept to hand on the holder on the side of the saw.
- Caution! After each new adjustment, we recommend a trial cut in order to check the set dimensions.

Switching on and sawing

Requirements

- You have inspected the machine for obvious defects, such as defective safety devices, loose, worn or damaged parts, correct seating of screws or other parts, and have remedied the defects.
- You have checked the band saw blade for damage and replaced it if damaged.
- You have prepared and adjusted the machine for the cut.
- You are not wearing gloves.
- You are wearing eye or hearing protection.

Before switching on

1. Connect the machine firmly to the base with 4 screws and nuts. The base (18) has a hole in each corner for screws (not included in delivery).
2. Insert the machine plug into a wall socket.
3. Connect the connection for dust extraction (17) to a vacuum cleaner. Switch the vacuum cleaner on.
4. Lower the saw blade guard (5) until it is 2 to 3 mm above the workpiece.

Switching on and sawing

1. Turn the machine on using the ON/ OFF switch (30). Press the I button.
2. Wait until the band saw blade (27) has reached full speed.
3. Cut with a uniform forward motion using gentle pressure. Never move the workpiece backwards while the band saw blade is running.
4. If you want to change settings on the machine for the next cut: Turn the machine off with the ON/OFF switch. Press the O button.

Straight cuts

Notes

- Always use the rip fence for straight cuts to prevent the workpiece from tilting or slipping.
- The rip fence can be mounted on both sides of the saw blade.
- After each new adjustment, we recommend a trial cut in order to check the set dimensions.

Mounting the rip fence

Fig. A above

1. Open the quick release lever of the rip fence (20).
 2. Push the rip fence from the side onto the saw table (6).
 3. Move the rip fence on the saw table. Make sure that both scales are set to the same value.
 4. Close the quick release lever of the rip fence.
- ✓ You can now switch on the machine and saw straight cuts.

Angular cuts

Notes

- There are two options for sawing diagonally:
- Sawing with a tilted saw table
- Sawing with a mitre gauge fence
- For cutting dovetail-shaped tines and tenons or wedges, move the saw table to the corresponding position on the angle scale.
- After each new adjustment, we recommend a trial cut in order to check the set dimensions.

Sawing with a tilted saw table

Fig. A centre

1. Set the saw table to the desired inclination (see “Tilting the saw table”).
2. If possible, attach the rip fence to the right side of the saw table. This will prevent the workpiece from slipping.

Sawing with a mitre gauge fence

Fig. A below

1. Set the mitre gauge fence (19) to the desired angle.
2. Slide the rail of the mitre gauge fence into the guide on the saw table (6).
3. With the machine switched off, check that the guide is completely inside the rail at the start of the cut. If not, you should saw the cut differently, for example with a tilted saw table.
4. If possible, attach the rip fence to the left side of the saw table.
 - ✓ You can now switch on the machine and saw diagonal cuts with the mitre gauge fence.
 - ✓ You can now switch on the machine and saw diagonal cuts with the saw table tilted.

Curved cuts

Notes • ⚠ CAUTION! Your fingers are particularly at risk when cutting curves! Take special care.

- Remove the rip fence and the mitre gauge fence.
- Use an auxiliary template for executing repeat curved, irregular cuts.
- When making curved and irregular cuts in the workpiece, push the workpiece evenly forward using both hands, with your fingers closed. Keep your hands in the safe area when holding the workpiece.

Ending the operation

1. Turn the machine off with the ON/ OFF switch. Press the O button. Wait for the band saw blade to come to a complete standstill.
2. Pull out the mains plug.
3. Release the tension of the band saw blade, see “Checking and adjusting the tension of the band saw blade”. The life of the band saw blade is reduced if stored with tension.
4. Clean the machine.

8. Cleaning, maintenance and storage

⚠ **WARNING!** Electric shock! Remove the mains plug before carrying out any adjustments, maintenance or repair work.

⚠ **CAUTION!** Risk of burn injury! Allow the machine to cool off before any maintenance or cleaning is undertaken. Have any work that is not described in this instruction manual performed by our service centre. Only use original replacement parts.

Cleaning

⚠ **WARNING!** Electric shock! Never spray down the machine with water.

NOTE! Risk of damage. Chemical substances may attack the plastic parts of the machine. Do not use any cleaning agents or solvents.

Cleaning the outside of the machine

⚠ **WARNING!** Cutting injuries! Wear cut-resistant gloves when working with the saw blade.

1. Keep the ventilation slits, motor housing and handles of the machine clean.
Use a damp cloth or brush to do this.
2. Clean the saw blade guard (5) with a brush or by blowing out with compressed air.
3. Clean resinous surfaces with a damp, lukewarm cloth that has been wrung out well. Make sure that no liquids can get into the interior of the housing!

Cleaning the inside of the machine

⚠ **WARNING!** Cutting injuries! Wear cut-resistant gloves when working with the saw blade.

1. Open both housing doors (2).
2. Open the cover of the band saw blade on the saw blade guard (5). To do this, reach into the gap on the left.
3. Remove the sawdust with a brush or by blowing out with compressed air.
4. Vacuum the housing.
5. Close both housing doors.

Adjusting the position of the band saw blade

Notes

- Incorrect guidance shortens the life of the band saw blade and affects the safety of the machine.
- If you are not sure about the settings, ask a qualified specialist.

Tools and aids

- Allen key AF3, AF4, AF5 (22)
- Protective gloves

Preparation

1. Pull out the mains plug.
2. Use hand protection.
3. Open the housing doors (2). Then you can move the band saw blade (27) by turning the drive wheel (24) or running wheel (28).

Adjusting the position of the band saw blade on the running wheel and drive wheel

Set point: The band saw blade (27) runs as centrally as possible on the drive wheel (24) and the running wheel (28). The band saw blade must not run outside the black tyres.

1. Loosen the locking nut (10) of the running wheel adjustment (9).
2. Turn the running wheel while making the adjustment.
3. Adjust the position of the band saw blade on the running wheel with the running wheel adjustment. Direction of rotation as seen from behind:
 - ↺ Running wheel to the rear
 - ↻ Running wheel to the front
4. Check the position of the band saw blade on the drive wheel. If it is no longer running in the middle, then reduce the setting slightly.
5. Turn the running wheel a few more revolutions, observe the position of the band saw blade. Adjust if necessary.
6. Secure the running wheel adjustment with the locking nut.
7. Close the upper housing door.

Setting the rear guides

Set point: The band saw blade almost touches the guide roller (34). The band saw blade can be pushed back by a maximum of ½ mm using a piece of wood.

1. The steps are identical for the upper (Fig. B) and the lower (Fig. C) band saw blade guide. Loosen the rear guide mounting screw (31).
2. Adjust the position of the rear guide: The guide roller must not rotate!
3. Tighten the rear guide mounting screw.

Adjusting the lateral guides front/ back

Set point: The non-toothed part of the band saw blade runs centrally between the guide pins.

1. The steps are identical for the upper (Fig. B) and the lower (Fig. C) band saw blade guide. Loosen the lateral guide mounting screw (32).
2. Adjust the position of the lateral guide.
3. Tighten the lateral guide mounting screw.

Adjusting the lateral guides right/ left

Set point: The band saw blade almost touches the guide pins (33): Gap of approx. ½ mm. The band saw blade does not grind on the guide pins. The steps are identical for the upper and lower band saw blade guides

1. The steps are identical for the upper (Fig. B) and the lower (Fig. C) band saw blade guide. Loosen the mounting screws (35) of the guide pins.
2. Adjust the position of the guide pins.
3. Tighten the mounting screws of the guide pins.

Set the band saw blade perpendicular to the saw table

Tools and aids

- Allen key AF4 (22)
- Open-end spanner AF10 (23; not included in delivery)
- Stop bracket 90° (not included in delivery) alternatively, rip fence

Set the band saw blade perpendicular to the saw table (Fig. A)

1. Raise the saw blade guard (5) all the way up.
2. Loosen the locking handle (16) and the handle screw (14).
3. Place the stop bracket between the band saw blade (27) and the saw table (6).
4. Tilt the saw table until it is at an angle of exactly 90° to the band saw blade. If the support screw (36) protrudes too far, loosen the locking nut (37) and turn the support screw into the housing.
5. Tighten the locking handle and handle screw.
6. Loosen the locking nut if necessary.
7. Turn the support screw until the support screw touches the underside of the saw table.
8. Tilt the saw table
9. Hold the support screw with an Allen key. Tighten the locking nut to fix the support screw.

Changing the band saw blade

Notes

- If you have difficulty mounting the band saw blade, contact a qualified specialist.
- Only use band saw blades recommended by the manufacturer.
- Appropriate blades can be found in “Spare Parts and Accessories”.

Opening the machine

- Remove one screw of the reinforcer and loosen the second screw.
- Turn the reinforcer so that the slot in the saw table is free.
- Open both housing doors (2).
- Lower the saw blade guard (5) all the way down.
- Open the cover of the band saw blade on the saw blade guard.
- To do this, reach into the gap on the left.
- Put on the safety gloves.

Removing the band saw blade

1. Release the tension of the band saw blade.
 2. Remove the band saw blade.
- ✓ You can mount a different band saw blade.

Mounting the band saw blade

1. Lower the running wheel with the clamping screw (5 viewed from above).
 2. Place the band saw blade around the drive wheel and running wheel. Make sure that the band saw blade is correctly positioned in the channel next to the ON/OFF switch.
 3. Close the cover of the band saw blade on the saw blade guard.
- ✓ You can hear the cover click into place.
4. You can now remove your protective gloves.
 5. See Chapter “Adjusting the position of the band saw blade”

Closing the machine

- see “Checking the position of the band saw blade”
- Close both housing doors.
- Mount the reinforcer.

9. Storage

Store the device and its accessories in a dark, dry and frost-proof place that is inaccessible to children. The optimum storage temperature is between 5 and 30°C. Store the electrical tool in its original packaging. Cover the electrical tool in order to protect it from dust and moisture. Store the operating manual with the electrical tool.

10. Transport

Information on transport

- Never use separating guards for lifting or transporting.
- When transporting the power tool, the saw blade guard must be in the lowest position near the table.
- Carry the machine with the base (18) in one hand and the frame (11) in the other

11. Disposal and recycling



The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.

Old devices must not be disposed of with household waste!

This symbol indicates that this product must not be disposed of together with domestic waste in compliance with the Directive (2012/19/EU) pertaining to waste electrical and electronic equipment (WEEE). This product must be disposed of at a designated collection point. This can occur, for example, by handing it in at an authorised collecting point for the recycling of waste electrical and electronic equipment. Improper handling of waste equipment may have negative consequences for the environment and human health due to potentially hazardous substances that are often contained in electrical and electronic equipment. By properly disposing of this product, you are also contributing to the effective use of natural resources. You can obtain information on collection points for waste equipment from your municipal administration, public waste disposal authority, an authorised body for the disposal of waste electrical and electronic equipment or your waste disposal company.

12 Troubleshooting

Problem	Possible cause	Error correction
Machine does not start	No mains power supply	Check the socket, mains connection cable, plug and fuse and have them repaired by a qualified electrician if necessary.
	On/off switch (30) is broken	Contact the service centre.
	Defective motor	Contact the service centre.
Machine works with interruptions	Internal loose contact	Contact the service centre.
	ON/OFF switch (30) is broken	Contact the service centre.
Poor sawing performance	Band saw blade blunt	see "Changing the band saw blade"
	Pressure of workpiece against band saw blade too high or too low.	Adjust pressure
Saw blade quickly becomes blunt	Band saw blade unsuitable for the work piece to be worked on	Insert a suitable band saw blade
	Too much pressure applied	Reduce the pressure
Belt stuck in work piece	Belt too loose	see "Checking and adjusting the tension of the band saw blade"