



TC-SB 200/1



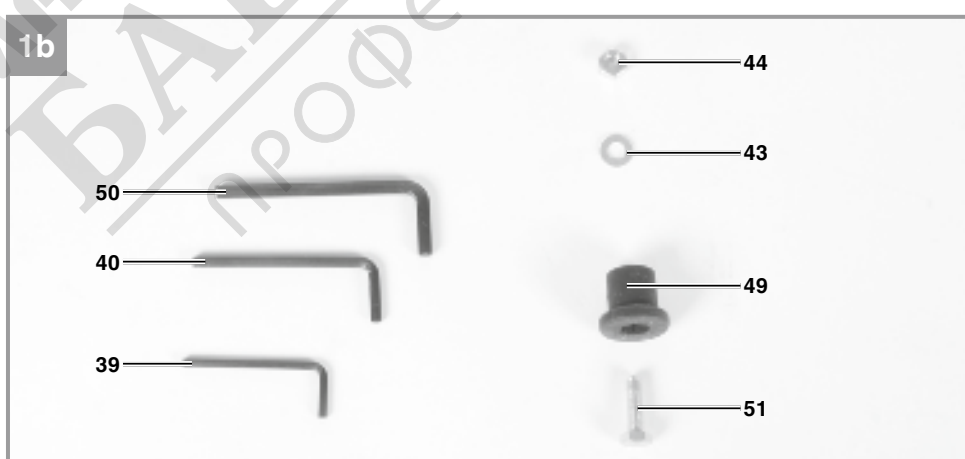
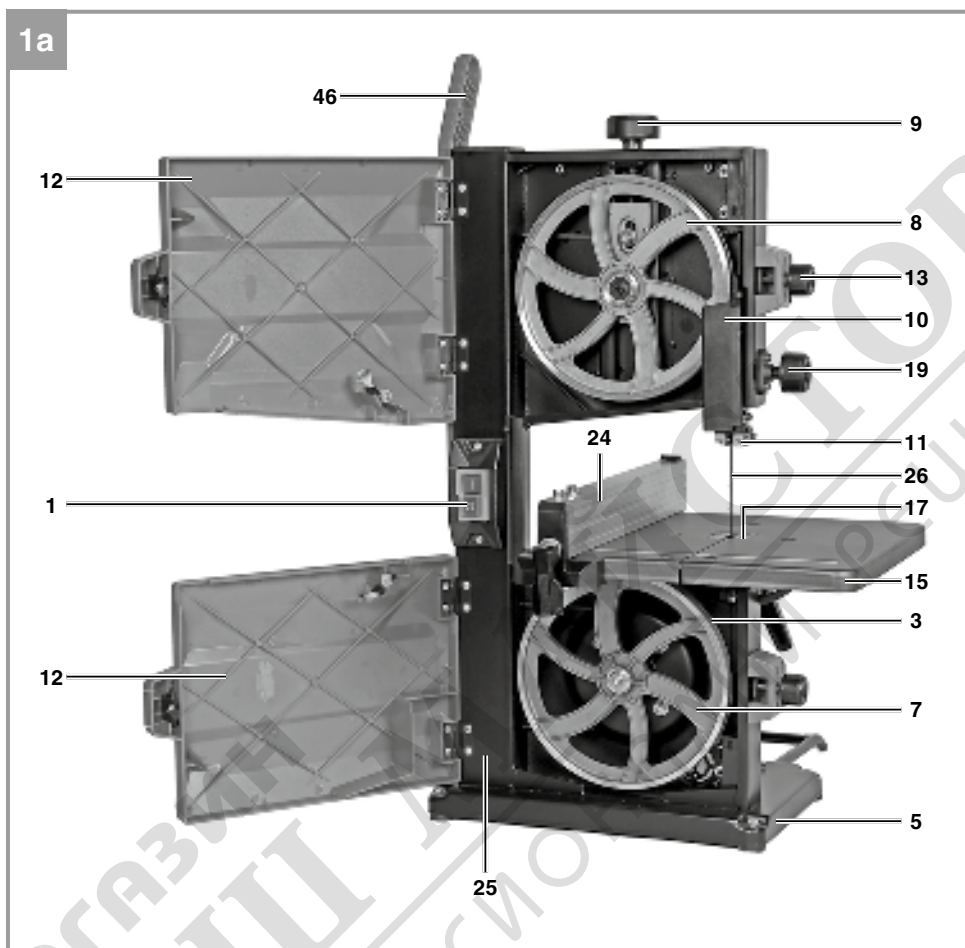
D	Originalbetriebsanleitung Bandsäge	FIN	Alkuperäiskäyttöohje Vannesaha
GB	Original operating instructions Band Saw	SLO	Originalna navodila za uporabo Tračna žaga
F	Instructions d'origine Scie à ruban	H	Eredeti használati utasítás Szalagfűrész
I	Istruzioni per l'uso originali Sega a nastro	RO	Instrucțiuni de utilizare originale Ferăstrău cu bandă
DK/ N	Original betjeningsvejledning Båndsav	GR	Πρωτότυπες Οδηγίες χρήσης Πριονοκορδέλα
S	Original-bruksanvisning Bandsåg	P	Manual de instruções original Serra de fita
CZ	Originální návod k obsluze Pásová pila	HR/ BIH	Originalne upute za uporabu Tračna pila
SK	Originálny návod na obsluhu Pásová pila	RS	Originalna uputstva za upotrebu Trakasta testera
NL	Originele handleiding Lintzaagmachine	TR	Orijinal Kullanma Talimatı Şerit Testere
E	Manual de instrucciones original Sierra de cinta sin fin		

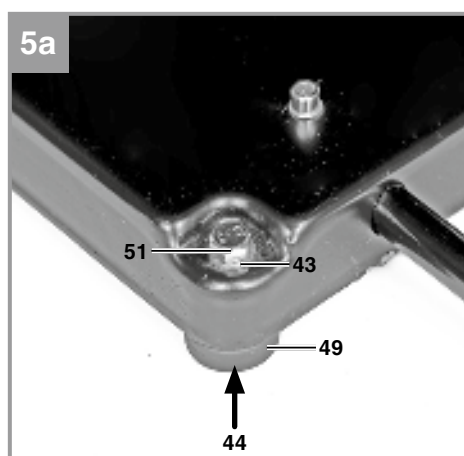
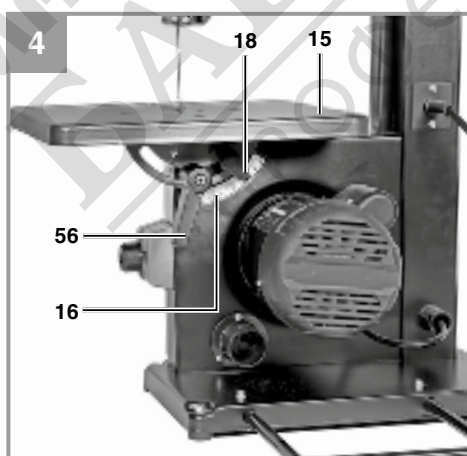
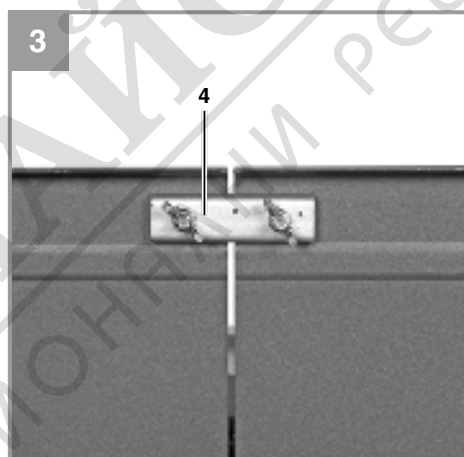
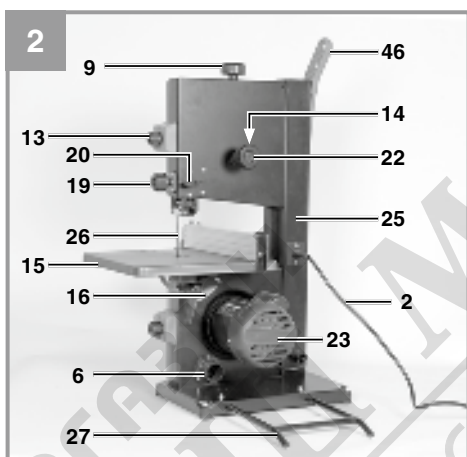
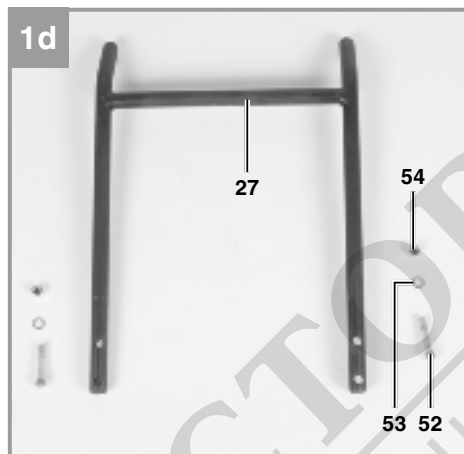
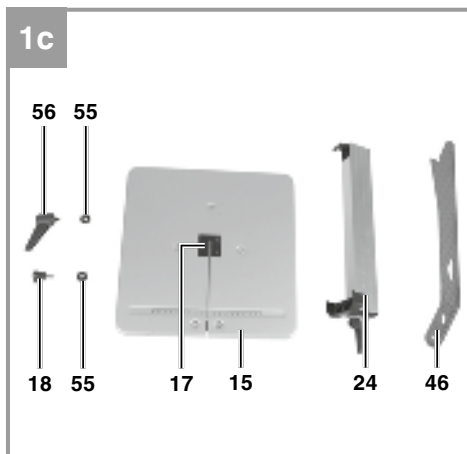
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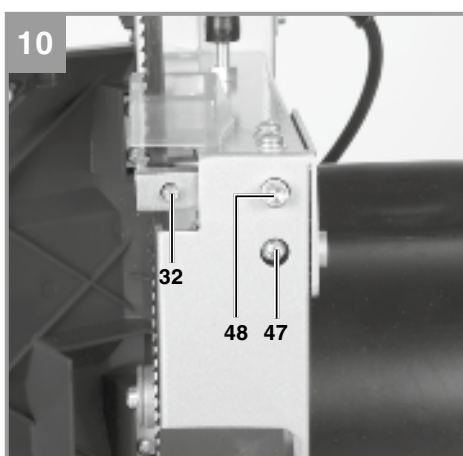
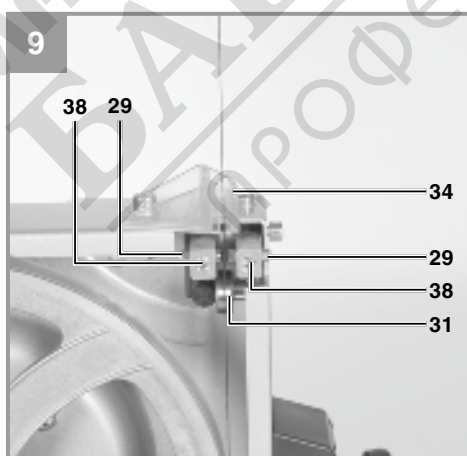
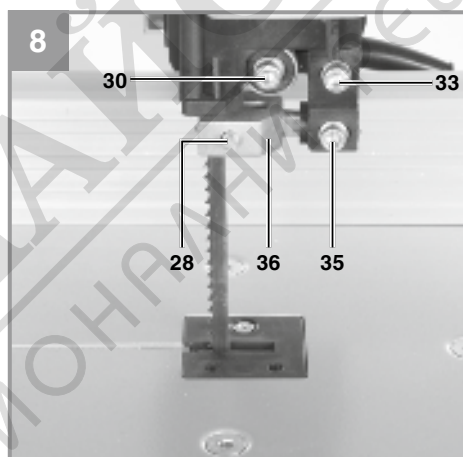
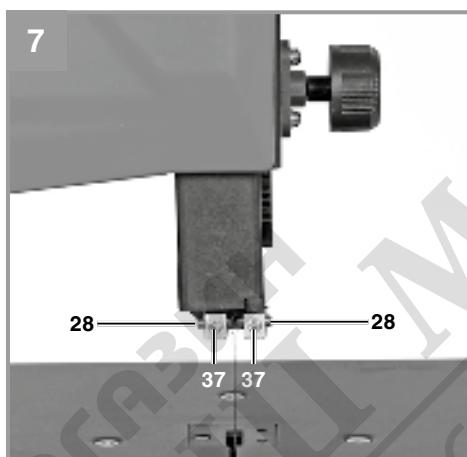
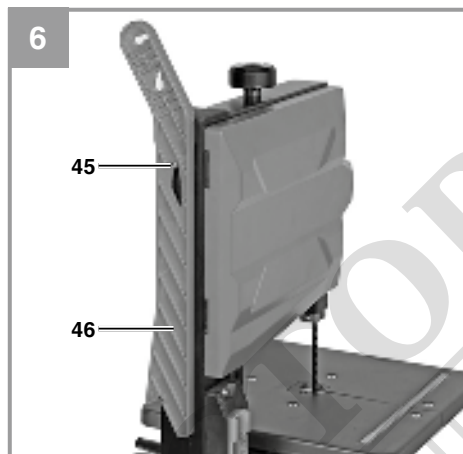
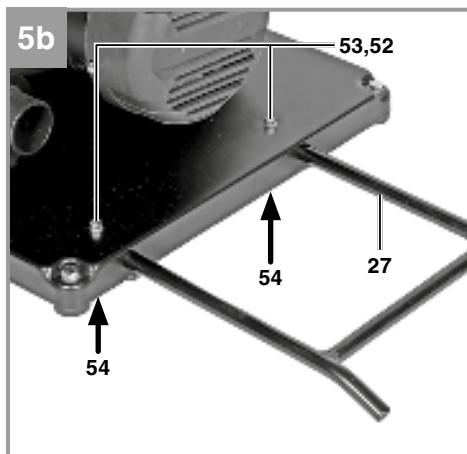


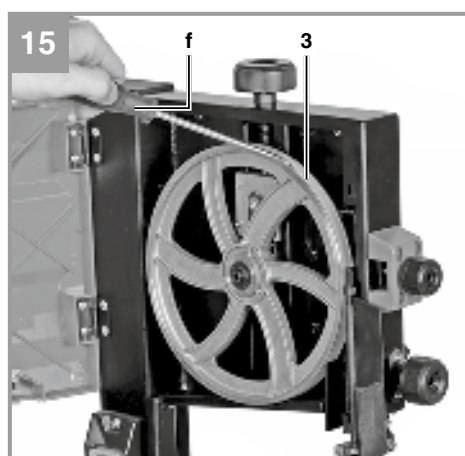
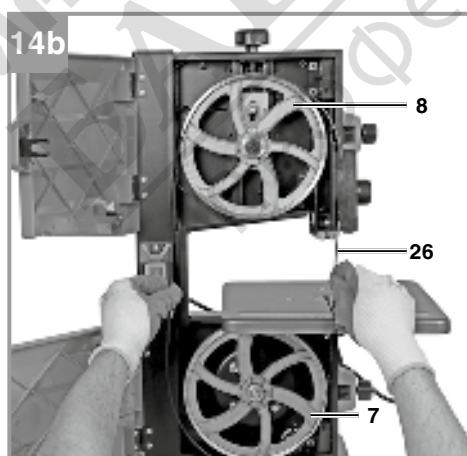
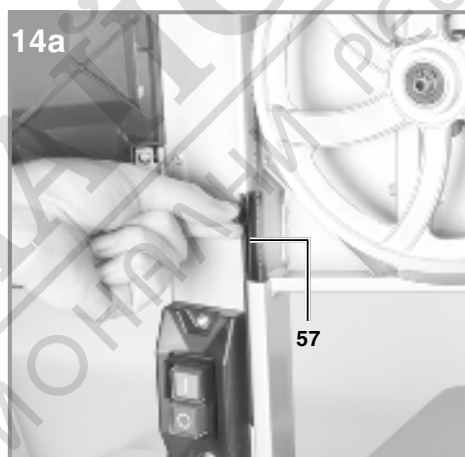
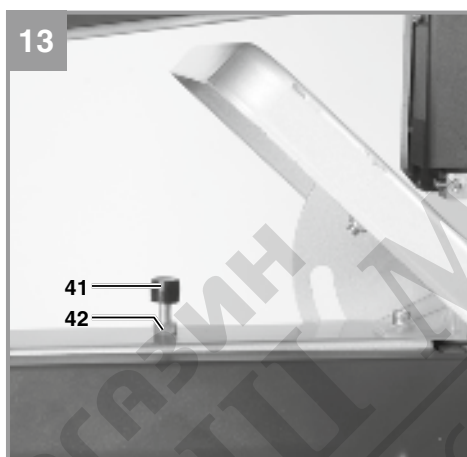
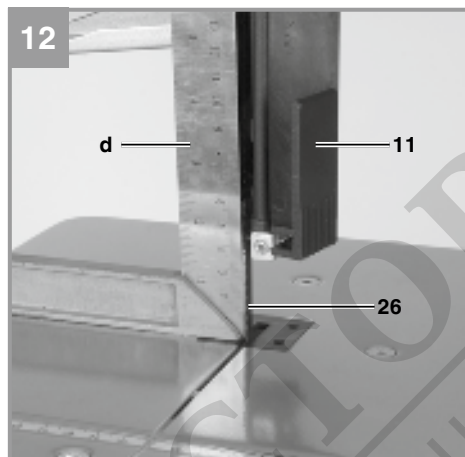
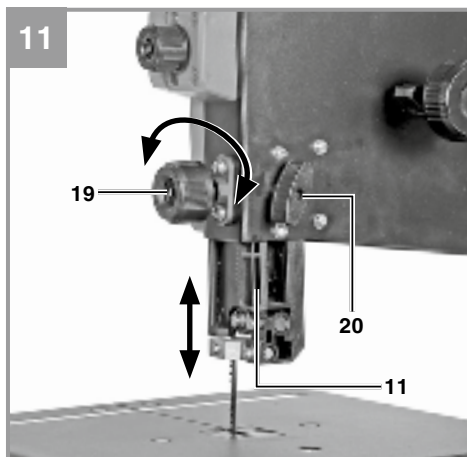
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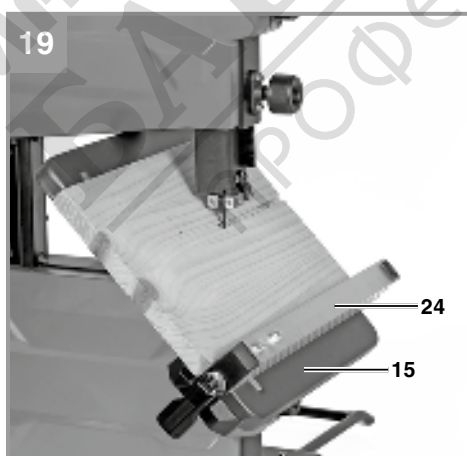
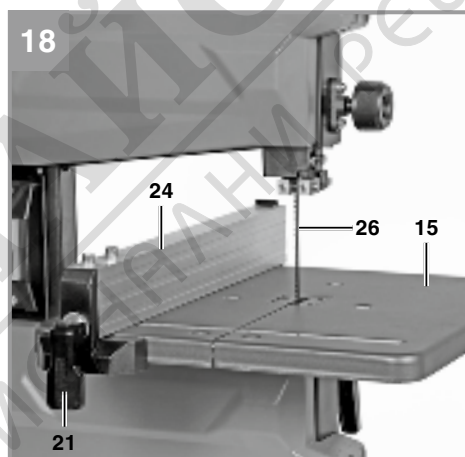
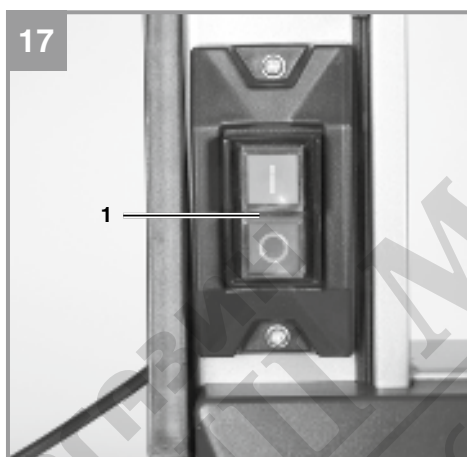
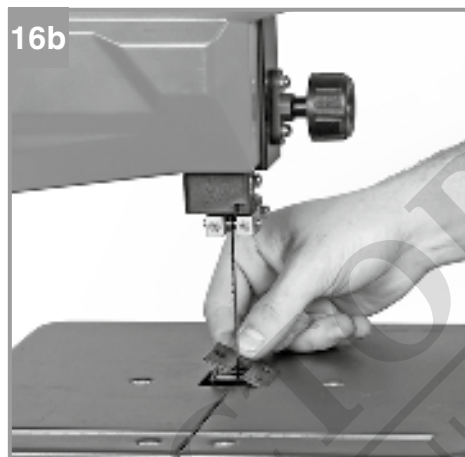
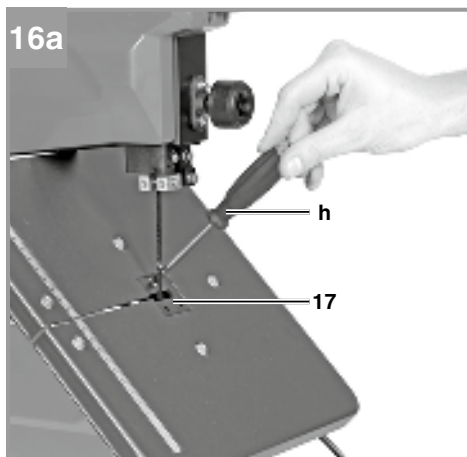
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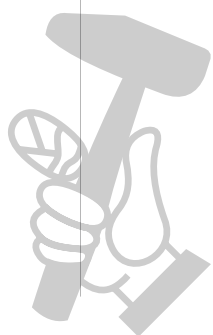
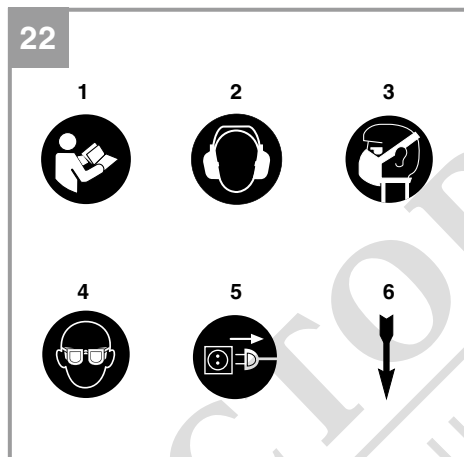
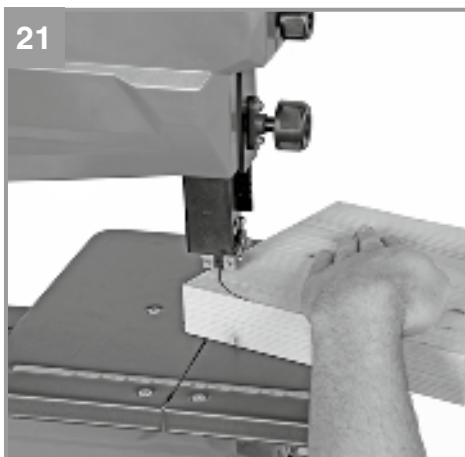












⚠ Danger!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

Explanation of the symbols used (see Fig. 22)

1. **Danger!** - Read the operating instructions to reduce the risk of injury.
2. **Caution! Wear ear-muffs.** The impact of noise can cause damage to hearing.
3. **Caution! Wear a breathing mask.** Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!
4. **Caution! Wear safety goggles.** Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.
5. **Pull the power plug before beginning any repair or maintenance work!**
6. **Saw blade cutting direction.**

1. Safety regulations

The corresponding safety information can be found in the enclosed booklet.

⚠ Danger!**Read all safety regulations and instructions.**

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

2. Layout and items supplied**2.1 Layout (Fig. 1/2)**

1. ON/OFF switch
2. Power cord
3. Rubber tires
4. Web panel
5. Machine foot
6. Extractor socket

7. Lower blade pulley
8. Upper blade pulley
9. Tightening screw
10. Blade guard
11. Upper blade guide
12. Side cover
13. Hood closure
14. Retaining screw for upper blade pulley
15. Saw table
16. Dial scale for tilt angle
17. Plastic table insert
18. Fixing handles for saw table
19. Setting handle for blade guide
20. Fixing handle for blade guide
21. Clip for parallel stop
22. Setting screw for upper blade pulley
23. Motor
24. Parallel stop
25. Machine frame
26. Blade
27. Tilt guard
28. Guide pin, top
29. Guide pin, bottom
30. Support bearing
31. Support bearing
32. Mount
33. Socket head screw
34. Blade guard
35. Socket head screw
36. Mount
37. Socket head screw
38. Socket head screw
39. 3 mm hex key
40. 4 mm hex key
41. Screw
42. Nut
43. Washer
44. Nut
45. Push stick holder
46. Push stick
47. Screw
48. Screw
49. Rubber foot
50. 5 mm hex key
51. Screw
52. Socket head screw
53. Washer
54. Nut
55. Washer
56. Locking lever
57. Cover

2.2 Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are

missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- Bandsaw
- Saw table
- Push stick
- Parallel stop
- 3 mm hex key
- 4 mm hex key
- 5 mm hex key
- Tilt guard
- Assembly material
- Original operating instructions
- Safety information

3. Proper use

The bandsaw is designed to perform longitudinal and cross cuts on timber or wood-type materials. To cut round materials you must use suitable holding devices.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

The machine is to be operated only with suitable saw blades. To use the machine properly you must also observe the safety regulations, the assembly instructions and the operating instructions

to be found in this manual.

All persons who use and service the machine have to be acquainted with this manual and must be informed about the machine's potential hazards.

It is also imperative to observe the accident prevention regulations in force in your area.

The same applies for the general rules of occupational health and safety.

The manufacturer shall not be liable for any changes made to the machine nor for any damage resulting from such changes.

Even when the machine is used as prescribed it is still impossible to eliminate certain residual risk factors. The following hazards may arise in connection with the machine's construction and design:

- Damage to hearing if ear-muffs are not used as necessary.
- Harmful emissions of wood dust when used in closed rooms.
- Contact with the blade in the uncovered cutting zone.
- Injuries (cuts) when changing the blade.
- Injury from catapulted workpieces or parts of workpieces.
- Crushed fingers.
- Kickback.
- Tilting of the workpiece due to inadequate support.
- Touching the blade.
- Catapulting of pieces of timber and workpieces.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

4. Technical data

Voltage:.....220-240V ~ 50 Hz
 Power:.....S2 15 min. 250 W
 Ideal speed n_0 : 1400 min⁻¹
 Blade length:..... 1400 mm
 Blade width: 7 mm
 Max. blade width: 8 mm
 Blade speed:.....900 m/min
 Cutting height:..... 80 mm / 90°
 45 mm / 45°

Throat: 200 mm
 Table size: 305 x 305 mm
 Tilting range of table: -2° to 45°
 Workpiece size: 400 x 400 x 80 mm
 Weight: 17,5 kg

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 61029.

L_{pA} sound pressure level 84.3 dB(A)
 K_{pA} uncertainty 3 dB
 L_{WA} sound power level 96 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.

Caution!

Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.

5. Before starting the equipment

Make sure the machine stands securely, i.e. bolt it to a workbench or solid base. There are two holes for this purpose in the machine foot.

- The saw table must be mounted correctly.
- All covers and safety devices have to be properly fitted before the machine is switched on.
- It must be possible for the blade to run freely.

- When working with wood that has been processed before, watch out for foreign bodies such as nails or screws etc.
- Before you actuate the On/Off switch, make sure that the saw blade is correctly fitted and that the machine's moving parts run smoothly.
- Before you connect the machine to the power supply, make sure the data on the rating plate is the same as that for your mains.

6. Assembly

CAUTION!

Pull out the power plug before carrying out any maintenance, resetting or assembly work on the bandsaw!

6.1.1 Fitting the rubber feet / tilt guard (Fig. 5a/ 5b)

Secure the four rubber feet (49) to the bottom side of the equipment using the screw (51), the washer (43) and the nut (44).

Push the tilt guard (27) into the foot (5) and secure it to the equipment using the socket head screw (52), the washer (53) and the nut (54).

6.1.2 Mounting the saw table (Fig. 3 - 4)

- Remove the web panel (4).
- Place the saw table (15) onto the machine housing from the rear. Secure the saw table using the washers (55), the locking grip (18) and the locking lever (56).
- To dismantle, proceed in reverse order.

6.2. Tensioning the blade (Figure 1)

- **CAUTION!** Remove the tension from the blade if the bandsaw is not going to be used for some time. Be sure to re-tension the blade before you start the machine.
- Turn the tightening screw (9) for tensioning the blade (26) in a clockwise direction.
- The correct blade tension can be checked by applying pressure to the side of the blade with your finger, somewhere in the middle between the two blade pulleys (7 + 8). You should only be able to bend the blade (26) very slightly (approx. 1-2 mm).
- When the blade is tensioned enough, it will produce a metallic sound when tapped.
- Take the tension off the blade when you do not want to use it for some time; this will help to prevent overstretching.

- **Caution!** The blade may break if the tension is too high. BEWARE OF INJURY! If the tension is too low, the powered blade pulley (7) will spin while the blade does not move.

6.3 Adjusting the blade (fig. 1-2)

- **CAUTION!** The blade tension has to be set correctly before you can adjust the blade.
- Undo the fasteners (13) and open the side cover (12).
- Turn the upper blade pulley (8) slowly in a clockwise direction. The blade (26) should run with its teeth at the front edge of the tire on the blade pulley (8). If not, the tilt angle of the upper blade pulley (8) must be corrected.
- If the blade (26) tends to run to the back of the blade pulley (8), i.e. towards the machine frame (25), turn the setting screw (22) anti-clockwise while turning the blade pulley (8) by hand until the blade (26) runs in the middle.
- If the blade (26) tends to run to the front edge of the blade pulley (8), turn the setting screw (22) in a clockwise direction.
- After setting the upper blade pulley (8) you need to check the blade (26) position on the lower blade pulley (7). The blade (26) should run in the middle of the blade pulley (7), as above. If it does not, you will have to adjust the tilt of the upper blade pulley (8) again.
- Turn the upper blade pulley several times until the adjustment to the upper blade pulley (8) has an effect on the blade position of the lower blade pulley (7).
- After any adjustments have been carried out, the side covers (12) must be closed again and re-secured with the fasteners (13).

6.4. Setting the blade guide (Fig. 7 - 10)

Whenever you change the blade you must re-set both the support bearings (30 + 31) and the guide pins (28 + 29).

- Undo the fasteners (13) and open the side cover (12).

6.4.1. Upper support bearing (30)

- Undo the socket head screw (33).
- Move the support bearing (30) so that it is no longer touching the blade (26). There should be a maximum gap of 0.5 mm.
- Re-tighten the socket head screw (33).

6.4.2. Adjusting the lower support bearing (31)

- Remove the saw table (15) or tilt it 45°.
- Swing the blade guard (34) away.
- Adjust in the same way that the upper support bearing was adjusted. The blade (26) is only supported by the support bearings (30 + 31) during cutting. When idle the blade should not touch the ball bearing.

6.4.3. Adjusting the upper guide pins (28)

- Slacken the socket head screw (35).
- Move the mount (36) of the guide pins (28) so that there is a gap of approx. 1 mm between the front edge of the guide pins (28) and the gullet of the blade in front.
- Re-tighten the socket head screw (35).
- **CAUTION!** The blade will be rendered useless if the teeth touch the guide pins while the blade is running.
- Slacken the socket head screw (37).
- Move the guide pins (28) towards the blade so that there is a gap of approx. 0.5 mm between the guide pins (28) and the blade (26). The blade must not jam.
- Re-tighten the socket head screws (37).
- Turn the upper blade pulley (8) several times in a clockwise direction.
- Check the setting of the guide pins (28) again and re-adjust if necessary.

6.4.4. Adjusting the lower guide pins (29)

- Dismantle the saw table (15).
- Undo the screw (48).
- Move the mount (32) of the guide pins (29) so that there is a gap of approx. 1 mm between the front edge of the guide pins (29) and the gullet of the blade in front.
- Re-tighten the screw (40).
- **CAUTION!** The blade will be rendered useless if the teeth touch the guide pins while the blade is running.
- Slacken the socket head screw (38).
- Move the guide pins (29) towards the blade so that there is a gap of approx. 0.5 mm between the guide pins (29) and the blade (26). The blade must not jam.
- Re-tighten the socket head screws (38).
- Turn the lower blade pulley (7) several times in a clockwise direction.
- Check the setting of the guide pins (29) again and re-adjust if necessary.

6.5. Adjusting the upper blade guide (11) (Figure 11)

- Undo the fixing handle (20).
- Turn the setting wheel (19) to lower the blade guide (11) as close as possible to the workpiece to be cut. The gap should be approx. 2-3 mm.
- Re-tighten the fixing handle (20).
- Check the setting before each cut and re-adjust if necessary.

6.6. Adjusting the saw table (15) to 90° (12/13)

- Slacken the locking grip (18) and the locking lever (56) and open the cover at the blade guide (11).
- Place the angle (d) between the blade (26) and the table (15). The angle (d) is not included in delivery.
- Tilt the saw table (15) by turning it so that the angle between it and the blade (26) is precisely 90°.
- Tighten the locking grip (18) and the locking lever (56) again and close the cover at the blade guide (11).
- Slacken the nut (42).
- Adjust the screw (41) until there is contact with the machine housing.
- Re-tighten the nut (42) to fasten the screw (41).

6.7. Blade selection

The blade supplied with the bandsaw is designed for all-purpose use. When you select a blade you should have regard to the following criteria:

- Use a narrow blade to cut tighter radii than you can with a wider blade.
- Wide blades are used to saw straight cuts. This is particularly important in cutting wood because the blade has a tendency to follow the grain of the wood and thereby deviate easily from the cutting line.
- Finely toothed blades provide smoother cuts but are slower than coarse blades.

Caution! Never use warped or lacerated blades!

6.8. Changing the saw blade (Fig. 1/14a/14b)

- Remove the cover (57).
- Move the blade guide (11) into a position approximately half way between the table (15) and the machine housing (25).
- Undo the fasteners (13) and open the side cover (12).

- Remove the web panel (4).
- Turn the tightening screw (9) counterclockwise to remove the tension from the blade (26).
- Remove the blade (26) from the blade pulleys (7,8) and take out through the slot in the table (15).
- Fit the new blade (26), aligned centrally on the blade pulleys (7,8). The teeth of the blade (26) must point downwards in the direction of the table.
- Tension the blade (26) (see 6.2).
- Close the side cover (12) again.
- Mount the web panel (4) again.
- Refit the cover.

6.9. Changing the rubber tires on the blade pulleys (Figure 15)

After a certain time the rubber tires (3) on the blade pulleys (7/8) will get worn by the sharp teeth of the blades and must be replaced.

- Open the side cover (12).
- Remove the blade (26) (see 6.8).
- Lift the edge of the tire (3) with a small screwdriver (f) and then pull it off the upper blade pulley (8).
- Repeat for the lower blade pulley (7).
- Fit the new tire (3), replace the blade (26) and close the side cover (12).

6.10. Changing the table insert (Figure 16)

To prevent increased likelihood of injury the table insert (17) should be changed whenever it is worn or damaged.

- Undo the fastening screw of the table insert (17) using a Phillips screwdriver (h). (The Phillips screwdriver is not included in delivery.)
- Lift out the worn table insert (17).
- Fit the replacement table insert by following the above in reverse.

6.11. Extractor sockets (fig. 2)

The bandsaw is equipped with extractor sockets (6) for extracting sawdust and chips.

Connect the bandsaw to a chip extraction system (not included in delivery) by connecting the hose of the extraction system to the extractor socket (6).

6.12. Push stick holder (Fig. 6)

- When not in use, the push stick must always be kept on the holder.

7. Control elements

7.1. On/Off switch (Figure 17)

- To turn the machine on, press the green button „1“.
- To turn the machine off again, press the red button „0“.
- Your bandsaw has a switch with undervoltage release. After a power failure you must re-activate the switch.

7.2. Parallel stop (Figure 18)

- Push the clip (21) on the parallel stop (24) upwards.
- Move the parallel stop (24) along the table (15), from either the right or left of the blade (26), and position as required.
- Push the clip (21) down to fix the parallel stop (24). If the clip (21) does not give enough hold, turn it clockwise several times until the parallel stop is securely fixed.
- You must always ensure that the parallel stop (24) is positioned parallel to the blade (26).

7.3. Angular cuts (Abb. 19)

To enable you to perform angular cuts parallel to the blade (26), the table (15) can be tilted forwards between 0° - 45°.

- Undo the fixing handles (18).
- Tilt the saw table (15) forwards until the required angle value is set on the dial scale (16).
- Re-tighten the fixing handles (18).
- Important: When the table (15) is tilted, place the parallel stop (24) to the right of the blade (26) looking in the direction in which you are working, on the side pointing downwards (provided the workpiece is wide enough) in order to stop the workpiece from slipping off.

8. Operation

Caution! After every new adjustment we recommend you to make a trial cut in order to check the new settings.

- For all cutting operations it is important to position the blade guide (11) as close as possible to the workpiece (see 6.5).
- Always guide the workpiece with both hands, holding it flat on the table (15) in order to prevent the blade (26) from jamming.
- Feed the workpiece at a uniform speed that enables the blade to cut through the material without difficulty and without blocking.

- Always use the parallel stop (24) on all cuts for which they are intended.
- Always aim at making a complete cut in one pass rather than in a stop-and-go operation requiring the workpiece to be withdrawn. If you have to withdraw the workpiece, switch off the bandsaw first and wait for the blade (26) to stop before freeing the workpiece.
- The workpiece must always be guided by the longer side during cutting.

Important! When handling narrower workpieces, it is essential to use a push stick. The push stick (28) must always be kept close at hand at the hook (29) provided for that purpose on the side of the saw.

8.1. Longitudinal cuts (Figure 20)

Longitudinal cutting is when you use the saw to cut along the grain of the wood.

- Place the parallel stop (24) to the left of the blade (25), as far as possible, for the width required.
- Lower the blade guide (11) down to the workpiece (see 6.5).
- Switch on the saw.
- Press the edge of the workpiece with your right hand to hold it securely against the parallel stop (24) and flat on the table (15).
- Guide the workpiece along the parallel stop (24) and through the blade (26) at a uniform speed.
- Danger! Long workpieces must be secured against falling off at the end of the cut (e.g. with a roller stand etc.)

8.2. Making angular cuts (Fig. 19)

- Set the saw table to the desired angle (see 7.3).
- Carry out the cut as described in 8.1.

8.3. Freehanded cuts (Figure 21)

One of the most outstanding features of a bandsaw is the ease with which it allows you to make curved cuts and radii.

- Lower the blade guide (11) to the workpiece (see 6.5).
- Switch on the saw.
- Hold the workpiece securely on the table (15) and guide slowly through the blade (26).
- Freehanded cuts should be made at low feed speed so that you can guide the blade (26) along the required line.

- It often pays to first cut off surplus curves and corners up to about 6 mm from the cutting line.
- In the case of curves which are too tight for the blade to cut correctly, it can help to make a series of close-lying cuts at right angles to the curved line. When you saw the radius the material will simply drop off.

9. Transport

To transport the bandsaw, hold the supporting foot (5) with one hand and the frame (25) with the other hand. Important! Never use guards to lift or transport the equipment.

10. Cleaning, maintenance and ordering of spare parts

Danger!

Always pull out the mains power plug before starting any cleaning work.

10.1 Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

10.2 Maintenance

There are no parts inside the equipment which require additional maintenance.

10.3 Ordering replacement parts:

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

For our latest prices and information please go to www.Einhell-Service.com

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. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

12. Storage

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

Disposal

Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

Only for EU countries:

According to the Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, power tools that are no longer usable, and, according to the Directive 2006/66/EC, defective or drained batteries must be collected separately and disposed of in an environmentally correct manner.

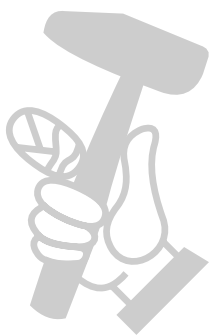
If disposed incorrectly, waste electrical and electronic equipment may have harmful effects on the environment and human health, due to the potential presence of hazardous substances.

Only for United Kingdom:

According to The Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) and the Waste Batteries and Accumulators Regulations 2009 (SI 2009/890) (as amended), products that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

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Subject to technical changes



Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

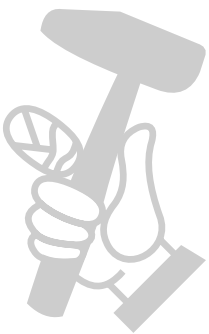
Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Guide roller, V-belt
Consumables*	Bandsaw blade
Missing parts	

* Not necessarily included in the scope of delivery!

In the event of defects or faults, please register the problem on the internet at www.Einhell-Service.com. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.



Warranty certificate

Dear Customer,

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that this equipment develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the service number shown. Please note the following terms under which guarantee claims can be made:

1. These guarantee terms apply solely to consumers, i.e. natural persons, who do not want to use this product in connection with either their commercial or other self-employed activities. These guarantee terms regulate additional guarantee services which the undermentioned manufacturer promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory rights of guarantee are not affected by this guarantee. Our guarantee is free of charge to you.
2. The guarantee services cover only defects due to material or manufacturing faults on the new product which you have bought in the European Union from the undermentioned manufacturer and are limited to either the rectification of said defects or the replacement of the product, whichever we prefer. Please note that only equipment under the brand name "Professional" has been designed for use in commercial, trade or professional applications. For all other products the guarantee is invalidated if the equipment is used within the guarantee period in commercial, trade or industrial applications or for other equivalent activities.
3. Our guarantee does not cover:
 - Damage to the equipment caused by failure to comply with the installation/assembly instructions or by unprofessional installation; damage caused by failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type); damage caused by failure to comply with the maintenance and safety regulations; damage caused by exposing the equipment to abnormal environmental conditions; damage resulting from poor care and maintenance.
 - Damage to the equipment caused by misuse or incorrect applications (e.g. overloading the equipment or using non-approved attachments or accessories); damage caused by foreign bodies (e.g. sand, stones, dust, ...) getting inside the equipment. Damage in transit; damage caused by force or external influences (e.g. by dropping the equipment).
 - Damage to the equipment or parts of the equipment which is owed to use-related, normal or otherwise natural wear. For example, batteries and battery packs are manufactured with a cycle limit for design-related reasons. Wear is negatively influenced in particular by load demands and charging speeds as well as exposure to heat, cold, vibration and impact.
4. The guarantee is valid for a period of 2 years starting from the purchase date of the equipment. Guarantee claims must be submitted before the end of the guarantee period and within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the equipment even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or for any replacement parts fitted. This also applies if on-site service is used.
5. To assert your guarantee claim, register the defective equipment at: www.Einhell-Service.com. You will need to provide proof of purchase of the new item of equipment. Equipment returned without such proof or without a rating plate are excluded from the guarantee services because of the lack of traceability. If the defect is covered by our guarantee, then either the item in question will be repaired immediately and returned to you or we will send you a new replacement.
6. If you have taken the equipment with you to a different EU country than where you bought it, we will arrange for a local service partner to provide the guarantee services. If you take the equipment outside the EU, the guarantee will not apply.

Of course, we are also happy to offer a chargeable repair service for any defects which are not covered or no longer covered by the scope of this guarantee. To take advantage of this service, please send the equipment to our service address. We draw attention to the restrictions of this guarantee concerning wear parts, consumables and missing parts as presented in the service information included in this operating manual.

Warrantor/ Service:

Einhell UK Ltd, Unit 10, 1st Floor, Champion's Business Park, Arrowe Brook Road, Upton, Wirral, CH49 0UQ