Operating Instructions
Electric Planer

Taurus®

After Sales Support

TEL: 1300 130 579
WEB: www.rossmac.com

N16188

BT-PL 900

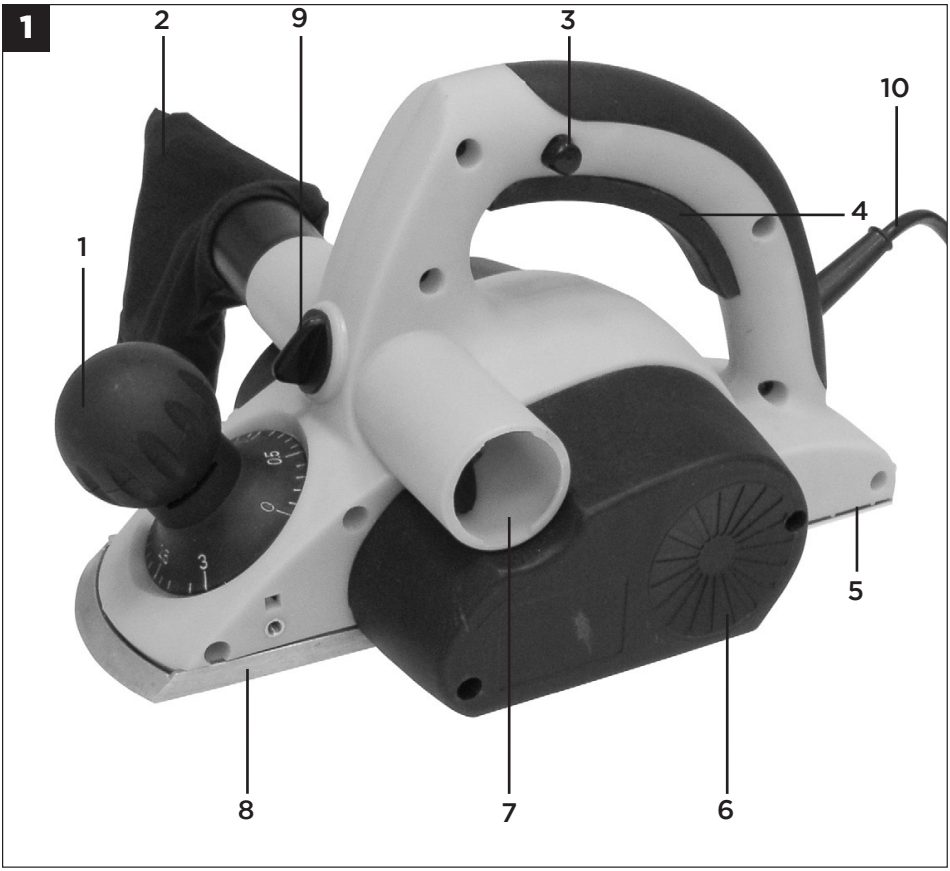
Electric Planer

What your 1 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 1 year after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

Table of Contents

1



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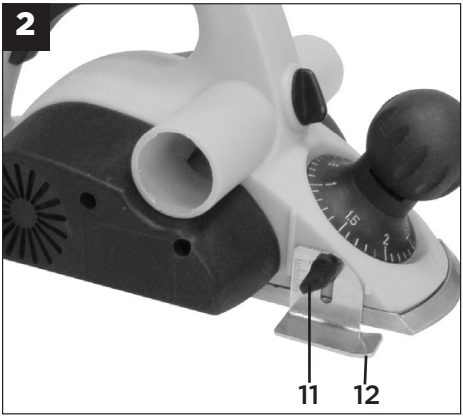

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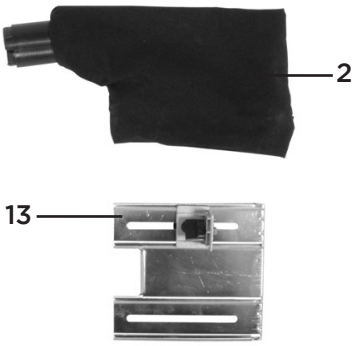

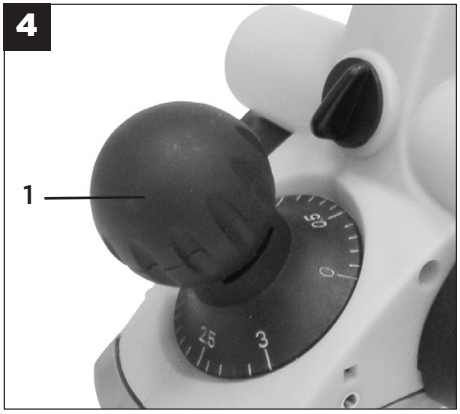
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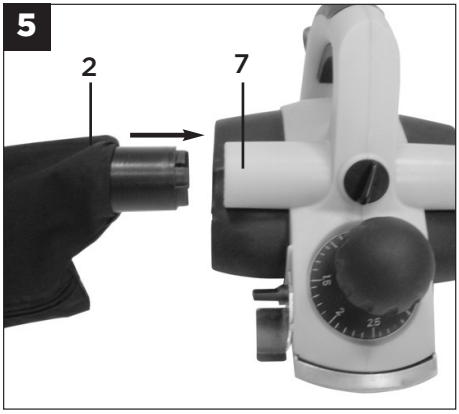
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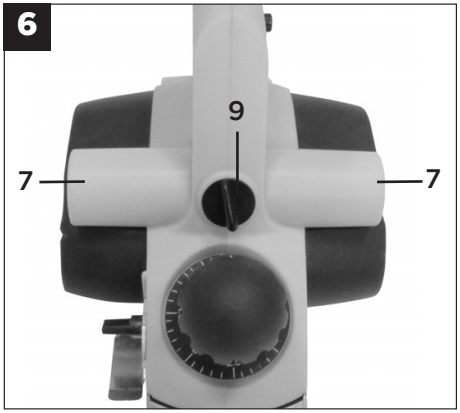
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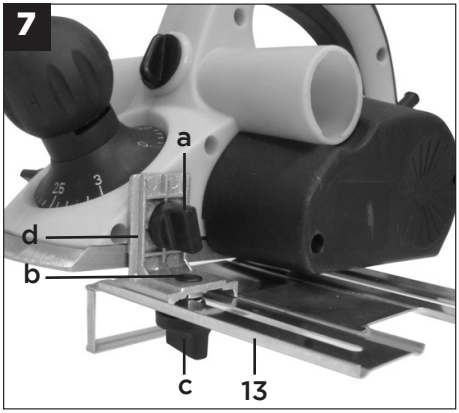
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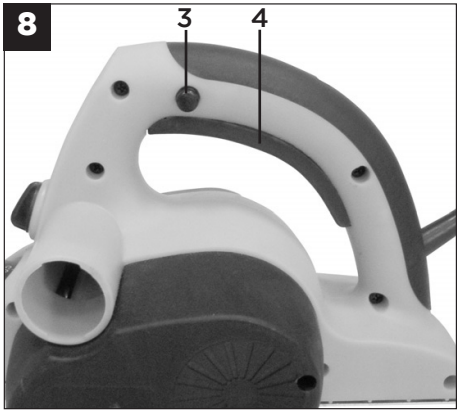
13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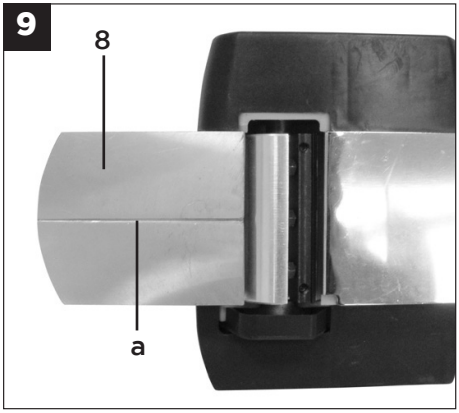
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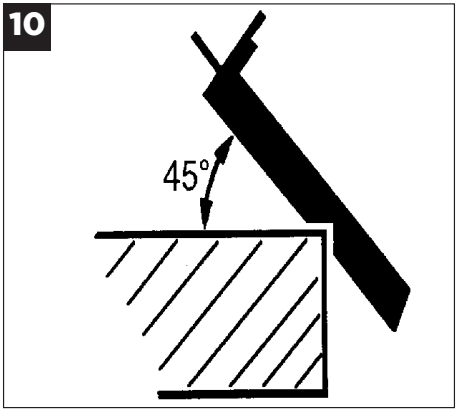
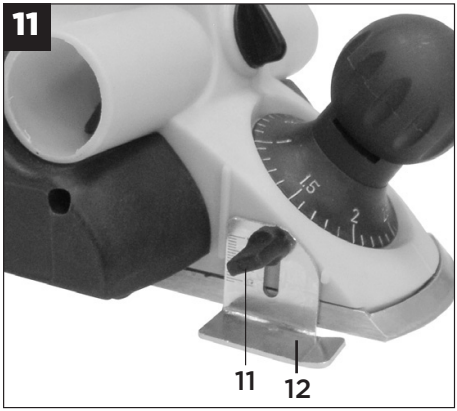
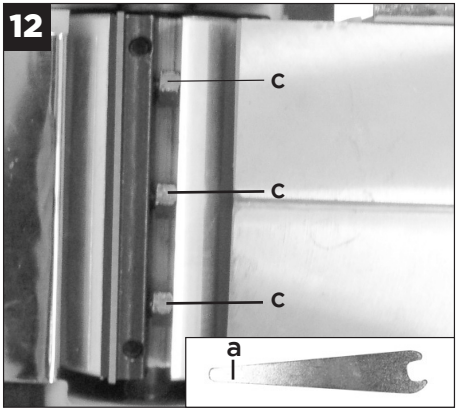


11



12



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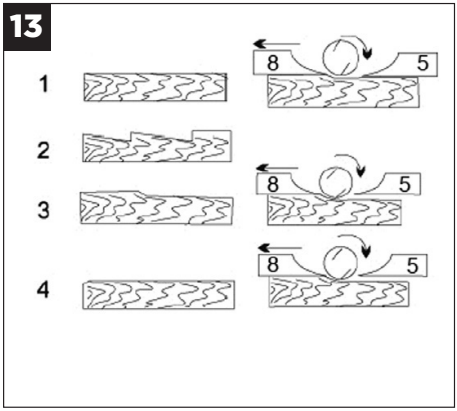
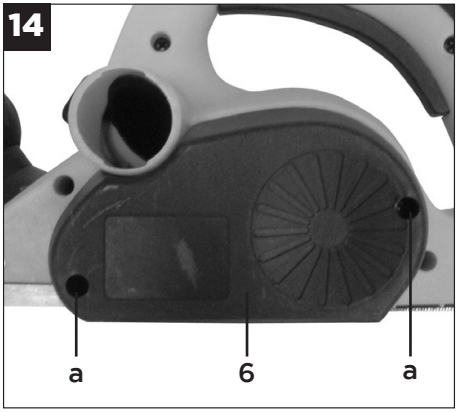
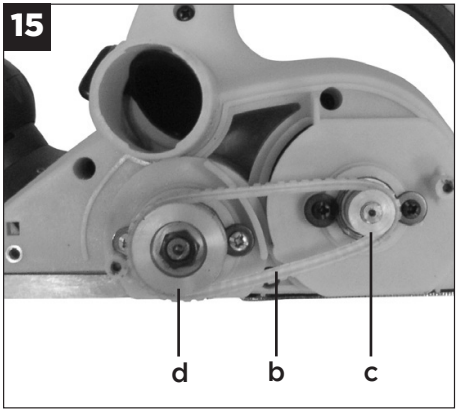


14



15



Caution
Read the operating instructions to reduce the risk of injury.

Wear ear-muffs.
The impact of noise can cause damage to hearing.

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!

Wear safety goggles.
Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

GENERAL SAFETY RULES

WARNING! Read all instructions *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term ''power tool'' in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

SAVE THESE INSTRUCTIONS

1. Work area

a. **Keep work area clean and well lit.** *Cluttered and 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 tools plugs must match the outlet. Never modify the plug in any way.** *Do not use any adapter plugs with earthed (grounded) power tool. 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.*

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 safety equipment. Always wear eye protection.** *Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*

c. **Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** *Carrying power tools with your finger on the switch or plugging in 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 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, clothing and gloves 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 these devices can reduce dust-related hazards.*

4. Power tool use and cars

a. **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will so 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 the battery pack 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. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools 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 and in the manner intended for the particular type of power tool, 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.*

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.*

Additional safety rules for electric planers

- **Wait for the cutter to stop before setting the tool down.** *An exposed cutter may engage the surface leading to possible loss of control and serious injury.*
- Fully unwind cable drum extensions to avoid potential overheating.
- When an extension cable is required, you must ensure that it has the right ampere rating for your power tool and is in safe electrical condition.
- Ensure your mains supply voltage is the same as your tool rating plate voltage.
- After long working periods, external metal parts and accessories could be hot.
- If possible, always use clamps or a vice to hold your work.
- Always switch off before you put the planer down.
- Do not force the planer: let the tool do the work at a reasonable speed. Overloading will occur if too much pressure is applied and the motor slows resulting in inefficient planing and possible damage to the planer motor.
- Always use a dust extraction system where possible.
- Rags, cloths, cord, string and the like should never be left around the work area.
- Remove all nails, screws and other objects from the workpiece. You can damage the blade and the tool by cutting into a nail or other foreign object. It can also present a safety hazard.
- Handle the blades very carefully.
- Be sure that the blade installation bolts are securely tightened before operation.
- Always wear eye and ear protection and use a dust mask.
- Hold the tool firmly with both hands.
- Keep hands away from rotating parts.
- Before using the tool on an actual workpiece, switch on and let it run for a while. Watch for vibration or wobbling that could indicate poor installation or a poorly balanced blade.
- Make sure that a blade is not in contact with the workpiece when you switch the machine on.
- Wait until the blades attain full speed before cutting.
- Operate the tool at least 200mm away from your face and body.
- Always switch off and wait until the blades have come to a complete standstill before attempting any adjustments.
- Never stick your finger into the chip chute. Shavings may jam in the chute when cutting damp wood. Clean out the chips with a stick but only when the tool has been turned off and unplugged from the power socket.
- Do not leave the machine running unattended. Operate the tool only when controlled by both hands.
- When leaving the planer, switch off and set it with the front base up on a wooden block so that the blades are not in contact with anything.
- Always change the two blades at the same time, otherwise the resulting imbalance will cause vibration and shorten the blade and tool life.
- Recommendation for the use of a residual current device with a rated residual current of 30 mA or less.

WARNING. Before connecting a tool to a power source (mains socket power point receptacle, outlet, etc.) be sure that the voltage supply is the same as that specified on the nameplate of the tool. A power source with a voltage greater than that specified for the tool can result in serious injury to the user, as well as damage to the tool.
If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor. The tool must be used only for its prescribed purpose. Any use other than those mentioned in this Manual will be considered a case of misuse. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse. To use this tool properly, you must 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 its potential hazards. Children and frail people must not use this tool. Children should be supervised at all times if they are in the area in which the tool is being used.
It is also imperative that you observe the accident prevention regulations in force in your area.
The same applies for general rules of occupational health and safety.
The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes. Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

- Damage to hearing if effective hearing protection is not worn.
- Always remove the plug from the mains socket before making any adjustments or maintenance, including changing the blades and adjusting the depth of cut.
- Contact with the blades.
- Reaching under the base whilst the tool is running and making contact with the blade.
- Kickback of workpiece and parts of workpiece.
- Blade fracture.
- Catapulting of faulty pieces from the blade.

Unpacking

Due to modern mass production techniques, it is unlikely that your TAURUS® Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

Important!

When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual 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, give them these operating instructions as well.
We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information.

Only for planers without an automatic closing guard:

Planer Safety Rules:

- **Wait for the cutter to stop before setting the tool down.** An exposed cutter may engage the surface leading to possible loss of control and serious injury.

1. Safety regulations

Please refer to the booklet included in delivery for the safety instructions.

CAUTION!

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 (Fig. 1/2/3)

1. Setting knob for the chip depth
2. Dust bag
3. Safety lock-off
4. ON/OFF switch
5. Rear base plate
6. Belt cover
7. Chip ejector
8. Front base plate
9. Changeover switch for chip ejector
10. Power cable
11. Thumb screw for step depth scale
12. Step depth scale
13. Parallel stop

3. Proper use

The hand-held Electric Planer is designed for planing, rabating and chamfering pieces of wood. The machine 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.

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 the equivalent purposes

4. Technical data

Mains voltage:	240 V ~ 50 Hz
Power input:	900 W
Idling speed:	16,500 min^{-1}
Chip depth:	0 - 3 mm
Rebate depth:	0 - 15 mm
Plane width:	82 mm
Protection class:	Class 2, Double Insulated
Weight:	2.9 kg

Sound and Vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{pA} sound pressure level	90.4 dB(A)
K_{pA} uncertainty	3 dB
L_{WA} sound power level	101.4 dB(A)
K_{WA} uncertainty	3 dB

Wear ear-muffs.
The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Vibration emission value a_h = 3.955 m/s^2
K uncertainty = 1.5 m/s^2

Important!
The vibration value changes according to the area of application of the electric tool and may exceed the specified value in exceptional circumstances. Noise can cause damage to hearing.

5. Before starting the machine

Before you connect the equipment to the mains supply, make sure that the data on the rating plate are identical to the mains data.
Always pull the power plug before making adjustments to the equipment.

5.1 Adjusting the chip depth (Fig. 4/Item 1)
You can adjust the chip depth in steps of 0.1 mm from 0 to 3 mm by turning the setting knob for the chip depth (1).

Turn the setting knob for the chip depth (1) in a clockwise direction to set a greater chip depth.

Greater chip depth
Turn the setting knob for the chip depth (1) in a counter-clockwise direction to set a lower chip depth.

Lower chip depth
After finishing work, set the chip depth so that the knives are lowered and thus protected from damage.

Turn the setting knob for the chip depth to position "0" for this purpose.

5.2 Sawdust extraction (Fig. 5-6)
For an optimal sawdust extraction you can connect the supplied dust bag (2) to the hand-held Electric Planer. To do so, slide the dust bag (2) into the the chip ejector (7) of the hand-held Electric Planer. The dust bag (2) can be connected to the chip ejector (7) optionally on either the left or right. Use the changeover switch (9) to select between the chip ejectors (7).

5.3 Parallel stop (Fig. 7/Item 13)
Use the parallel stop (13) when you want to Electric Planer parallel to the edge of the workpiece.

Fitting the parallel stop (Fig. 7)
- Fasten the mount (d) of the parallel stop to the left side of the tool using the supplied thumb screw (a).
- Now connect the mount (d) to the slide of the parallel stop (13).
- The guide rail must always be aligned in downward direction.
- Fix the distance required between the parallel stop and the edge of the workpiece.
- Fasten the parts with the carriage bolt (b) and the wing nut (c).

6. Operation

6.1 ON/OFF switch (Fig. 8)
- The hand-held Electric Planer comes with a safety switch which is designed to prevent accidents.
- To switch on the tool, press the side safety lockoff (3) and press the button switch.
- Release the button switch (4) to switch off the Electric Planer. The button switch (4) jumps back into its starting position.

6.2 Practical tips

Important!
Only ever bring the hand-held Electric Planer towards the workpiece while switched on.

6.2.1 Planing surfaces
Now adjust the desired chip depth. Equip the front base plate and place the hand-held Electric Planer onto the piece of wood you wish to plane. Then switch on the Electric Planer. Push the Electric Planer over the surface with both hands and make sure the both front and the rear base plate lie flat on the workpiece.

Use a low chip depth for finishing surfaces and complete several passes over the surface.

6.2.2 Chamfering edges (Fig. 9-10)
- There is a V-shaped groove (a) in the front base plate that enables you to plane edges at an angle of 45° for a smooth finish.
- Switch on the tool and wait until it reaches full speed. Place the V-shaped groove (a) on the edge of the workpiece at an angle of 45°.
- Now move the Electric Planer along the edge of the workpiece.
- To achieve a good quality result, you should keep the feed speed and angle constant.

6.2.3 Planing steps (Fig. 7/11)
- The planing of steps is possible with the help of the parallel stop (13).
- Mount the parallel stop (13) on the left side of the tool (see section 5.3).
- To mount the depth stop, fasten the step depth scale (12) to the front right side of the Electric Planer housing with the locking screw (11) (see Fig. 11).
- Release the locking screw (11) and position the step depth scale (12) so that the required step depth is displayed. Tighten the locking screw (11) again.

Width of step:
You can set the width of the step with the parallel stop (13).

Depth of step:
We recommend you to set a cutting depth of 2 mm and to keep planing the workpiece until the required depth of step is reached.

7. Replacing the power cable

If the power cable for this equipment is damaged, it must be replaced by the manufacturer or its aftersales service or similarly trained personnel to avoid danger.

8. Cleaning, maintenance and ordering of spare parts

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

8.1 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.

8.2 Carbon brushes
In case of excessive sparking, have the carbon brushes checked only by a qualified electrician. **Important!** The carbon brushes should not be replaced by anyone but a qualified electrician.

8.3. Changing the planing knives (Fig. 12-13)
Important: Always pull the plug out of the power socket before doing any work on the equipment.

To change the planing knives, use the supplied wrench (a).

The hand-held Electric Planer comes with two carbide metal reversible knives. Reversible knives have two cutting edges and can be reversed. The guide slot on the reversible knives ensures the same height setting after a change. Replace a worn, blunt or damaged knife.

Carbide metal reversible knives cannot be resharpened.
Undo the three hexagonal screws (c) using the wrench (a) supplied and push the carbide metal reversible knife out of the planing shaft using a piece of wood. (see Fig. 12).

Clean the knife seat before fitting. Install the knives in reverse order. Check that the planing knife conforms with both ends of the planing shaft. Always
replace both knives to ensure a uniform chip depth.

Important: Before using the hand-held Electric Planer make sure the knives are installed securely and in the right place.

Check the correct setting (Fig. 13)
(8) Front base plate (moving plane shoe)
(5) Rear base plate (fixed plane shoe)

1. Correct adjustment
Result: Smooth planed surfaces

2. Notches in the surface
Problem: The cutting edge on the planing knife (or both planing knives) is not parallel to the height of the rear base plate.

3. Furrows at the start of the planed surface
Problem: The cutting edge on the planing knife (or both planing knives) is below the height of the rear base plate.

4. Furrows at the end of the planed surface
Problem: The cutting edge on the planing knife (or both planing knives) is above the height of the rear base plate.

8.4 Replacing the drive belt (Fig. 14-15)
- The belt should be replaced by a trained expert.
- The drive belt (b) must be replaced if it is worn.
- Undo the screws (a) and remove belt cover at the sides (6).
- Remove the worn belt drive (b) and clean the two belt pulleys (c/d).
- Place the new drive belt on the small belt pulley (c) and pull the belt onto the large belt pulley (d) whilst turning the planing shaft.
- Ensure that the longitudinal grooves on the drive belt are in the guide grooves on the drive wheels.
- Fit the belt cover (6) and secure it with the screws (a).

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

8.6 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

9. Disposal and recycling

The unit is supplied in packaging to prevent from damage in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

The unit 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.

TAURUS® is a trademark of ALDI Stores

ALDI Guarantee
Specially made for ALDI Stores to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store within 60 days from the date of purchase for a full refund or replacement, or take advantage of our after sales support by calling the supplier's Customer Service Hotline.

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