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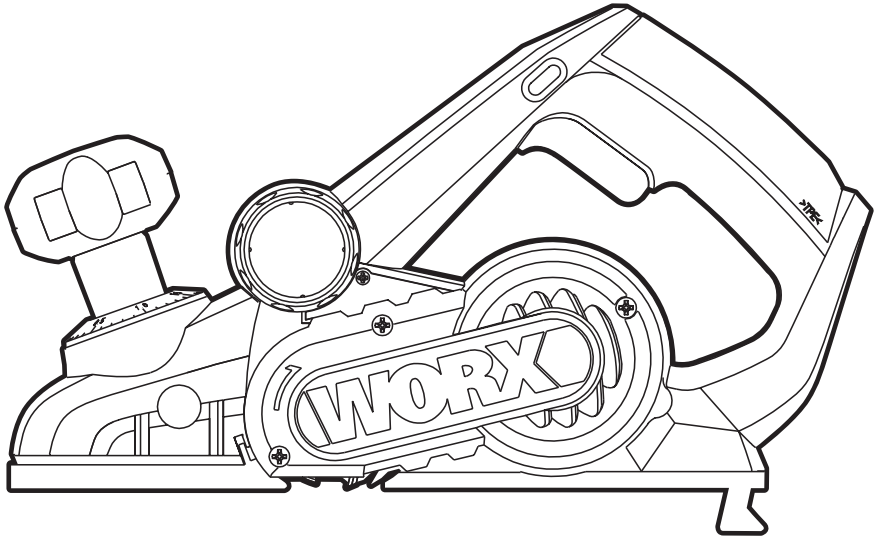


SAFETY AND OPERATING MANUAL

Planer **WX623.1**

GENERAL SAFETY RULES

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions 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

1) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2) 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.
3) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

1) 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.
2) 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.
3) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4) 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.
5) 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.
6) 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

1) 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.
2) 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.
3) 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.
4) 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.
5) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6) 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.
7) 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 CARE

1) 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.

2) **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.
3) **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.
4) **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.
5) **Maintain power tools. 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.
6) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7) **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.

5. SERVICE

1) **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 WARNING

1. **Wait for the cutter to stop before setting the tool down.** An exposed rotating cutter may engage the surface leading to possible loss of control and serious injury.
2. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.
3. **Hold the power tool by insulated gripping surfaces only, because the cutter may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

SYMBOLS


To reduce the risk of injury, user must read instruction manual


Double insulation


Warning

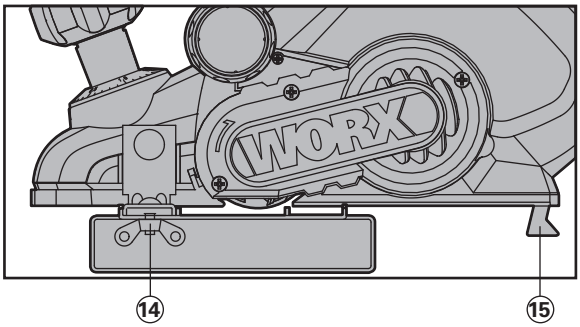

Wear ear protection


Wear eye protection


Wear dust mask


RCM marking

N5112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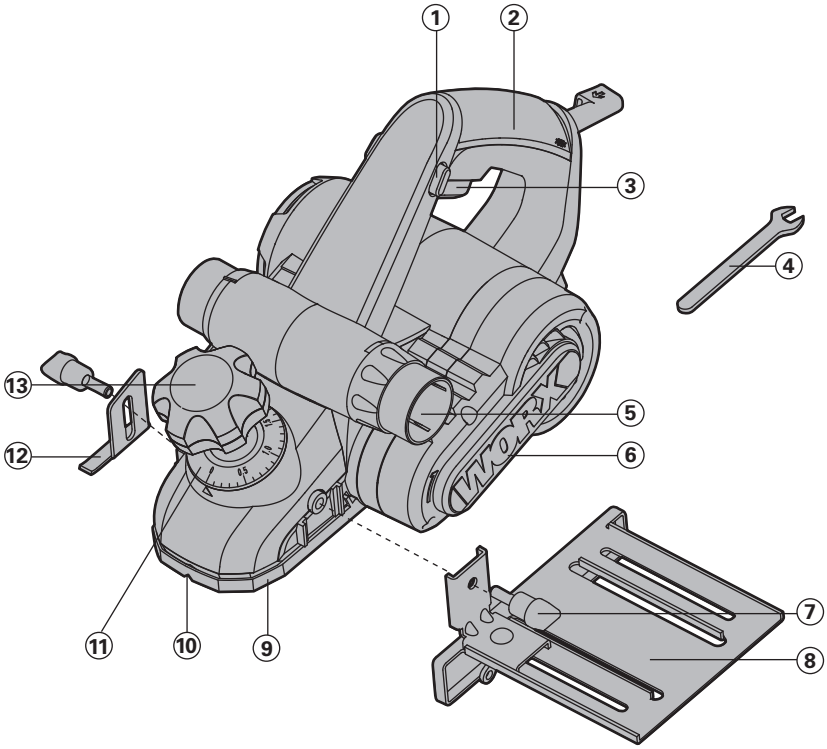
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1.	LOCK OFF BUTTON
2.	HAND GRIP AREAS
3.	ON/OFF SWITCH
4.	SPANNER
5.	DUST EXTRACTION TUBE
6.	BELT COVER
7.	LOCKING SCREW
8.	PARALLEL GUIDE
9.	BASEPLATE
10.	V-GROOVE
11.	PLANING DEPTH SCALE
12.	REBATE GUIDE
13.	DEPTH ADJUSTMENT KNOB
14.	SCREW
15.	BASEPLATE STAND
16.	BLADE (See Fig. F)

*** Not all the accessories illustrated or described are included in standard delivery.**

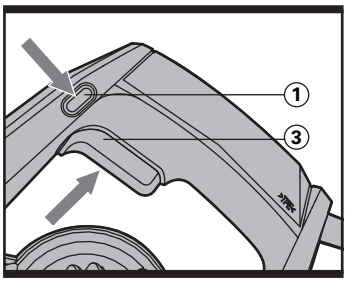
TECHNICAL DATA

Rated voltage	220-240V~50/60Hz
Rated power	950W
Rated no load speed	14500/min
Protection class	⧈/II
Max cutting width	3mm
Max rebating depth	20mm
Max cutting width	82mm
Machine weight	3.5kg

ACCESSORIES

Parallel guide	**1**
Blades (on machine)	**2**
Rebate guide	**1**
Spanner	**1**
Dust bag	**1**
Belt	**1**
TCT blade	**1**

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.



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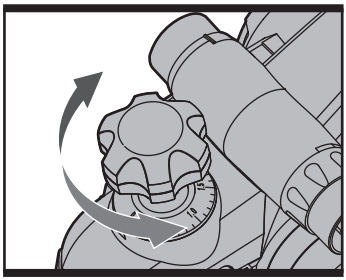

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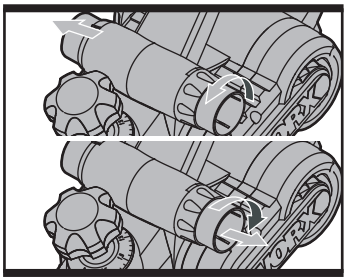

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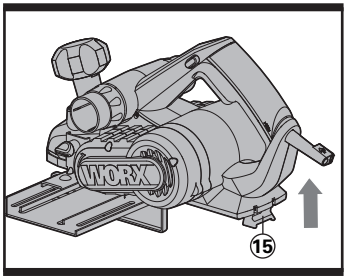

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OPERATING INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

Intended Use

The machine is intended for planning of firmly supported wooden materials, such as beams and boards. It is also suitable for beveling edges and rebating.

1. SAFETY ON/OFF SWITCH

The switch is locked off to prevent accidental starting. Depress the lock off button (1) then on/off switch (3) and release lock off button (1). The machine is working now. To switch off just release the on/off switch.(See A)

2. CUTTING DEPTH ADJUSTMENT

Smaller cutting depth of 0-3 mm is best for most surface planing or rebating. Rotate the depth adjustment knob (13) to set the required cutting depth on the scale, Scale graduation = 0.1mm. The clockwise rotation increases the planing depth; the anti-clockwise rotation reduces the planing depth. (See B)

3. ADJUST DUST EXTRACTION TUBE AND CHIP EJECTION

Dust extraction tube can be adjusted to the right or left side by manually. Rotating one end of the dust extraction tube(5) until it stops (See C). The arrowhead on the dust extraction tube indicates the dust extraction direction.

NOTE: Due to the size and material of some wood shavings e.g. wet or hard wood it is possible for the dust extraction tube to become blocked. Remove the plug from the mains power supply, then using a wooden stick clear the blocked dust extraction.

4. BASEPLATE STAND (See Fig. D)

Uplift the rear of the planer, the baseplate stand (15) can make the machine to be set down directly and protect the cutting blades from any damage and the blades from damaging the surface. When planing, the stand will be pushed away by the end of the wood. Always check the stand is free to move on the base plate.

5. BLADE FITTING AND CHANGING (See Fig. E, F, G)

WARNING: Remove power cord from the socket before carrying out any adjustments or changing blades.

The blade has two cutting edges, which can be reversed .When replacing or reversing the plane blades, the guide groove guarantees constant height adjustment.

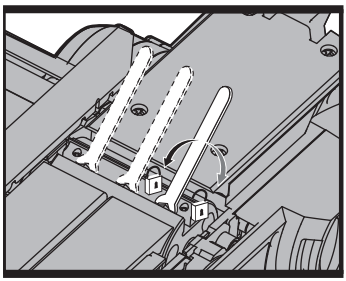
NOTE: Dull and worn blade cannot be reground and must be replaced.

Remove the plug from the mains socket. Using the spanner (4) provided loosen the 3 bolts approximately 1/2 rotation counter-clockwise(See E).Holding the blade clamp in position, using a piece of wood slides the blade (16) out of the blade clamp to remove the blade from the blade clamp(See F).

NOTE: There is no need to remove the blade clamp as this can change the factory settings for cutting blade height control.

Before reinserting a new or reverse blade, always clean both the blade and the blade seat if dirty. Slide the blade into the blade clamp in the correct orientation. Check the blade is equal with the clamp. (See G) When tightening the screws ensure the correct tightening sequence(Left right middle). Before starting, rotate by hand to check the roller is free to rotate.

Rotate the blade head by a further 180o and repeat the procedure disassembling the second plane blade.



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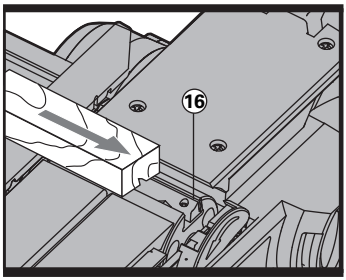

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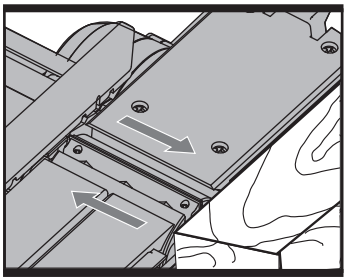

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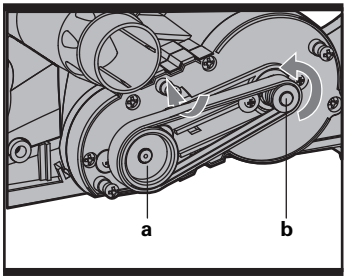
6. REPLACING A DRIVE BELT

WARNING: 1. Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

2. The cutting blades will be turning and may cause injury.

Loosen screw and remove belt cover (6), remove worn drive belt from large pulley (a) and pinion (b) and clean them (See H).lace the new drive belt on the top of pinion and turning it manually, press it on the large pulley (a).Make sure the drive belt runs exactly along the length grooves of the pinion and the pulley.

NOTE: Place the belt cover (6) back on top and tighten it with screw.



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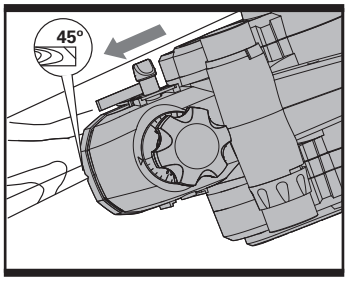
7. FITTING A DUST BAG

This accessory can be fitted by sliding the dust bag inlet over the planer dust extraction tube(5) as far as possible. The dust bag will reduce the efficiency



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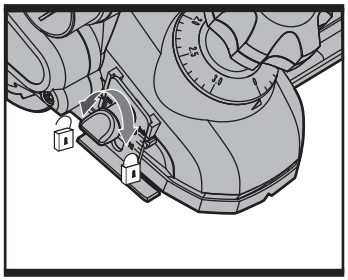

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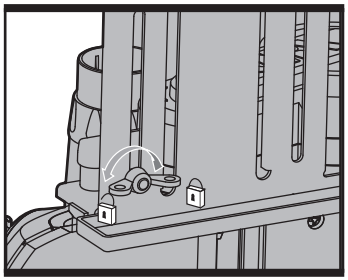

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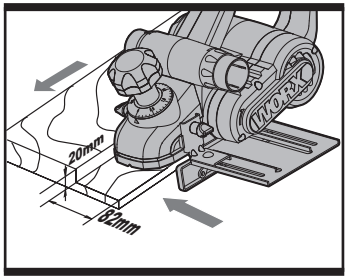

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of the exhaust system and the bag must be emptied frequently to maintain the efficiency. To empty, open the zip on the rear of the dust bag.

NOTE: This accessory can be used for smaller jobs.

8. EXTERNAL DUST EXTRACTION

The dust extraction tube is best connected to a suitable external dust extraction machine e.g. vacuum cleaner.

WORKING HINTS FOR YOUR PLANER

⚠ WARNING: Danger of kickback! Apply the machine to the work piece only when switched on.

1. STANDARD SURFACE PLANING

Set the desired cutting depth. Position the front part of the base plate flat onto the work surface. Switch the machine on and push your planer forward and it will start cutting, always maintain all of the base plate flat on the work surface to prevent the cutting blade jumping. Move the plane evenly over the work surface. For most applications 0-3mm max cutting depth will produce a good surface finish. It is best to use small depths of cut and repeat the planing process.

2. EDGE CHAMFERING

Using the V-groove in the base plate (9) you can make a chamfer on the work piece edge (See I). Guide the planer along the edge and maintain a constant angle and force to produce a good finish. You can control the angle of the chamfer with your hands. Make a test chamfer on a scrap piece of wood. Ensure your work piece is clamped and supported near the edge.

3. REBATING

You use the rebate guide (12) and the parallel guide (8) accessories (supplied with your tool). Fit these accessories to your planer. Set the required rebate depth using the scale and the mark on the planer housing next to the scale (See J)Loosen locking screw(7) and adjust the required rebating width(max 82 mm). (See K)Tighten locking screw (7). Adjust the desired rebating depth with the rebate guide (12) accordingly (max 20 mm) (See L).Plane as

often as necessary to achieve the desired rebating depth. Make sure the plane is guided with a lateral supporting pressure.

MAINTENANCE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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