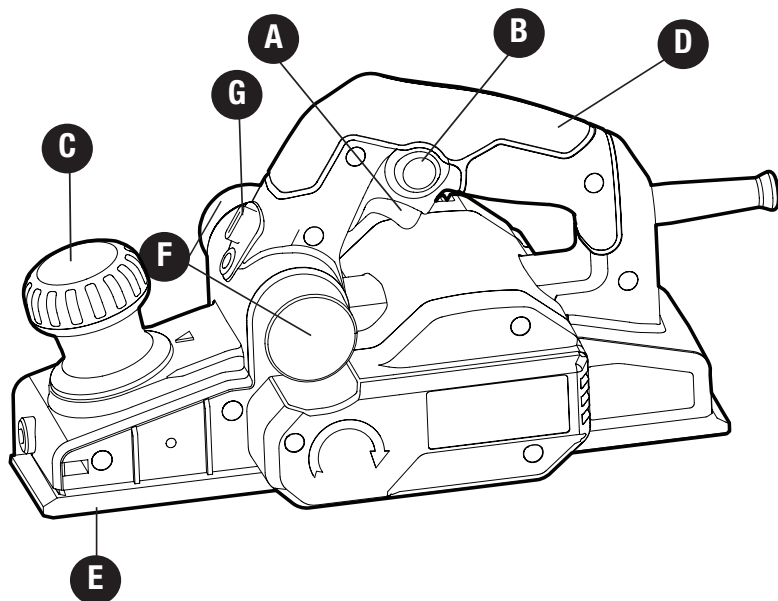
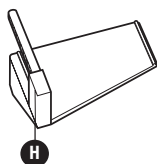


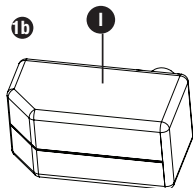
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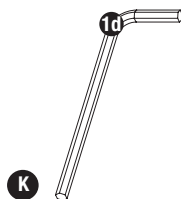
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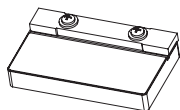
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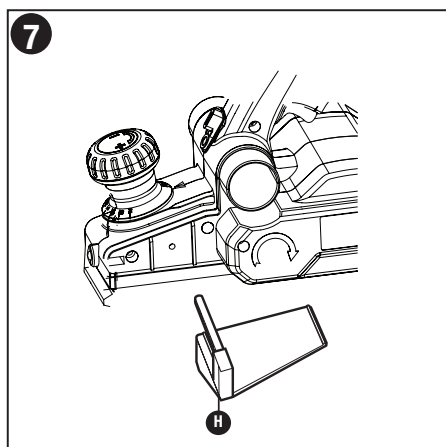
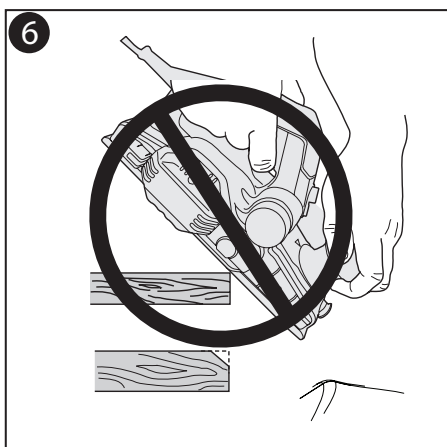
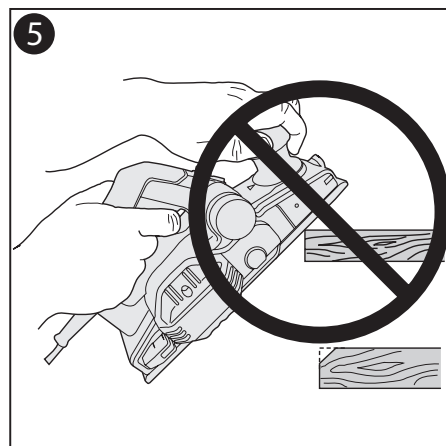
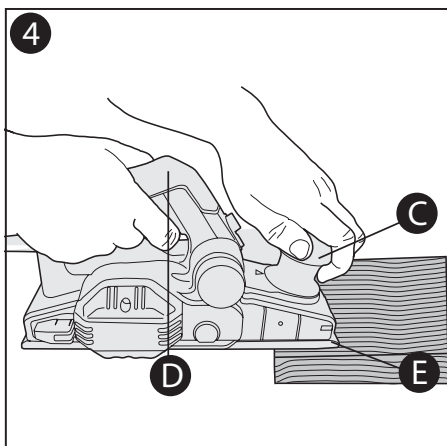
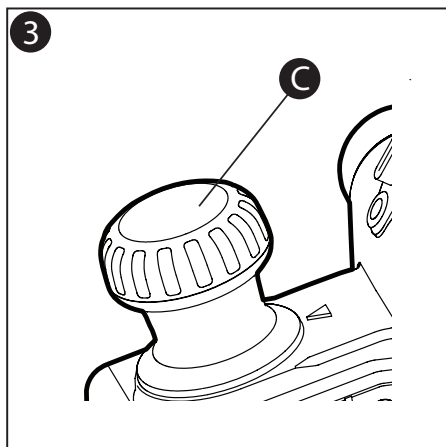
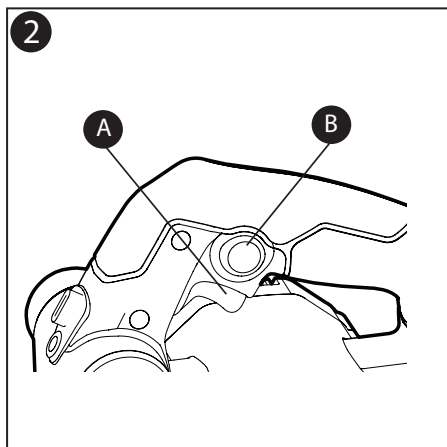


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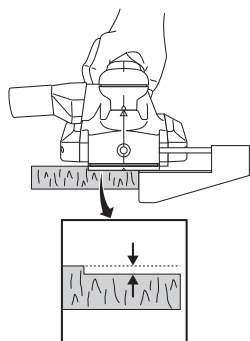


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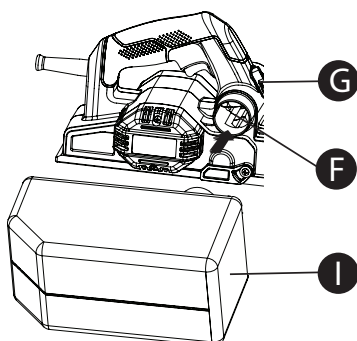




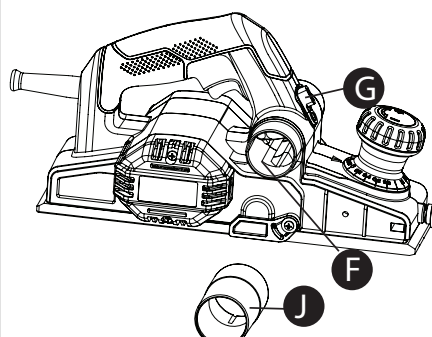
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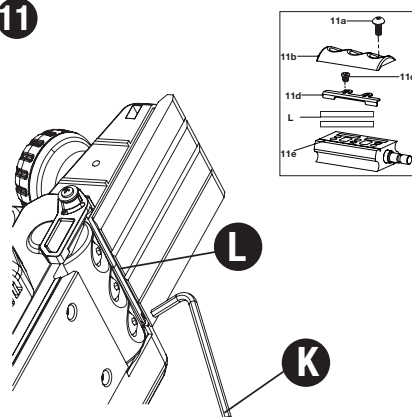
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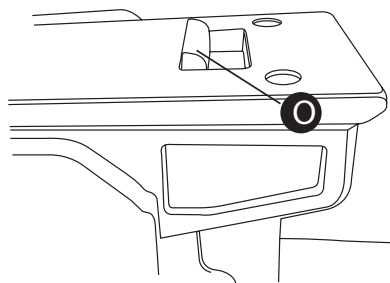
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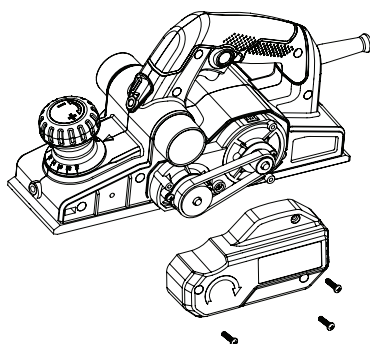
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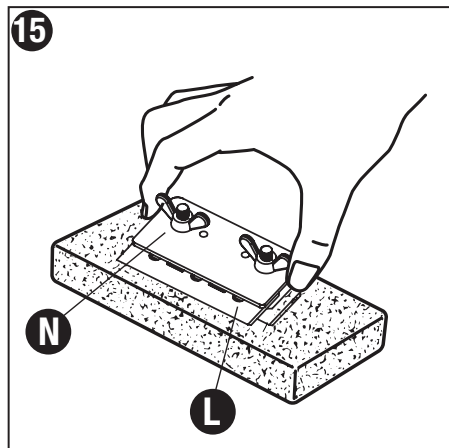
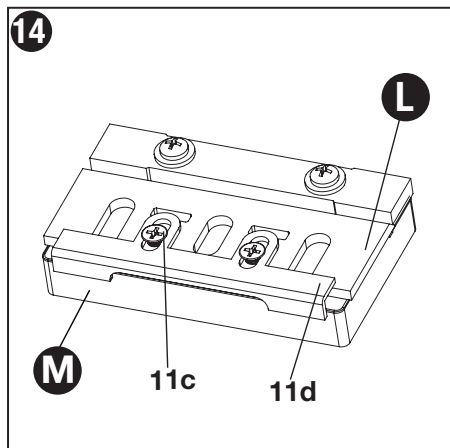


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STEL630 Electric Planer

Technical Data

Specification		STEL630
Power input	W	750
No-load speed	/min	16,500
Planing width	mm	82
Planing depth	mm	1.6
Rebating depth	mm	12
Weight	kg	2.7

Intended use

Your Stanley planer has been designed for planing wood, wood products and plastics. The tool is intended for hand-held use.

Safety instructions

General power tool safety warnings



Warning! Read all safety warnings and all instructions. Failure to follow the warnings and 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 all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

1. Work area safety

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

2. Electrical safety

- 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.
- 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.

- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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

- 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.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- 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.
- 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.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 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.
- 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.

4. Power tool use and care

- 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 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, 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 power tool safety warnings



Warning! Additional safety warnings for planers

- ◆ **Hold the tool by the insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.
- ◆ **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
- ◆ **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.
- ◆ **Keep the cutter sharp.** Dull or damaged cutters may cause the planer to swerve or stall under pressure. Always use the appropriate type of cutter for the power tool.

- ◆ Do not touch the workpiece or the cutter immediately after operating the tool. They can become very hot.
- ◆ Remove all nails and metal objects from the workpiece before planning.
- ◆ Always hold the tool with both hands and by the handles provided.
- ◆ Immediately disconnect the cable from the mains if it is damaged or cut.

Warning! Contact with, or inhalation of dusts arising from planing applications may endanger the health of the operator and possible bystanders. Wear a dust mask specifically designed for protection against dust and fumes and ensure that persons within or entering the work area are also protected.

- ◆ This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- ◆ The intended use is described in this instruction manual. The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury and/or damage to property.

Safety of others

- ◆ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- ◆ Children should be supervised to ensure that they do not play with the appliance.

Electrical safety



This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Stanley Service Centre in order to avoid a hazard.

Features

- A. Trigger switch
- B. Lock-on button
- C. Depth adjustment knob/front handle
- D. Switch Handle
- E. Shoe
- F. Chip discharge chute
- G. Chip deflector lever
- H. Parallel fence
- I. Collection bag(Not included)
- J. Vac adaptor (Not included)
- K. Wrench
- L. Blades
- M. Adjust plate
- N. Sharpening holder

Operation

Switch (Figure 2)

⚠CAUTION: Check that the tool is not locked ON before connecting it to a power supply. If the trigger switch is locked ON when the tool is connected to the power supply, it will start immediately. Damage to your tool or personal injury may result.

⚠CAUTION: Allow the tool to reach full speed before touching tool to the work surface. Lift the tool from the work surface before turning the tool off. To start the planer, depress the trigger switch (A) in **figure 2** . To turn the planer off, release the trigger switch.

Lock-On Button (Figure 2)

The tool can be locked on for continuous use. To lock the tool ON depress the trigger switch (A) and push in the lock-on button (B). Hold the lock-on button in as you gently release the trigger switch. The tool will continue to run. To turn the tool OFF from a locked-on position, squeeze and release the trigger once.

Adjusting Planing Depth (Figure 3)

⚠WARNING: Turn off and unplug the tool before making any adjustments or removing or installing accessories. Planing depth is infinitely variable from 0 to 1.6 mm. To adjust the cutting depth, rotate the depth adjustment knob/front handle (C) clockwise from the "P" position. The cutting depth will increase from 0 to as much as 1.6mm. It is recommended that test cuts be made in scrap wood after each re-adjustment to make sure that the desired amount of wood is being removed by the planer. Several shallow passes (rather than one deep one) will produce a smoother finish.

Planing (Figures 4, 5, 6)

⚠CAUTION: Allow the tool to reach full speed before touching tool to the work surface. Lift the tool from the work surface. Lift the tool from the work surface before turning the tool off.

Hold the planer in the correct position with one hand on the front handle (C) and the other hand on the switch handle (D) as shown in **figure 4** . Place the front of the shoe (E) on the surface to be planed, making certain that the cutting blades are not touching the surface. Push down firmly on the front handle of the planer so that the front shoe is ABSOLUTELY FLAT on the work surface. Squeeze the trigger switch and allow the motor to reach full speed before touching the planer blades to the work surface. Move the tool slowly into the work and maintain downward pressure to keep the planer flat. Be particularly careful to keep the tool flat at the beginning and the end of the work surface (**Figures 4, 5, 6**).

Planing Tip: For a smoother appearance, fasten a piece of scrap wood to the end of the piece you are planing. Don't stop planing until the cutting blades of the planer are past your work piece and into the scrap material.

Parallel Fence (Figures 7, 8)

⚠WARNING: Turn off and unplug the tool before making any adjustments or removing or installing accessories.

⚠CAUTION: Allow the tool to reach full speed before touching tool to the work surface. Lift the tool from the work surface before turning the tool off.

The rabbit fence can be installed on either side of your planer. The planer can make rabbit cuts up to 12mm.

Fitting and removing the parallel fence(fig.7)

The parallel fence is used to for optimum control on narrow workpieces.

- ◆ loosen the locking knob(9).
- ◆ insert the parallel fence(H)through the opening(10).
- ◆ slide the parallel fence into the desired position.

Rebating(fig.8)

- ◆ Fit and adjust the parallel fence.
- ◆ proceed as for planing.

Collection Bag (Figure 9)

⚠ WARNING: Turn off and unplug the tool before making any adjustments or removing or installing accessories (Bag not included in all models).

- a. Attach bag (I) to either side of chip discharge chute (F). Empty bag often to prevent clogging.
- b. To prevent chips from coming out opposite side of chip discharge chute, move chip deflector lever (G) to the opposite side of the bag.

Vacuum Adaptor (Figure 10)

⚠ WARNING: Turn off and unplug the tool before making any adjustments or removing or installing accessories.

- Slide the vac adaptor (J) over the chip discharge chute (F).
- Connect a vacuum cleaner hose (not included) to the adaptor.
- To prevent chips from coming out opposite side of chip discharge chute, move chip deflector lever (G) to the opposite side of the adaptor.

To Change Blades (Figure 11)

⚠ WARNING: Turn off and unplug the tool before making any adjustments or removing or installing accessories.

⚠ WARNING: Cut Hazard. Planer blades are sharp and must be handled with care.

NOTE: The STEL630 has two blades, one on each side of the blade drum. Any operation or adjustment should be made to both blades.

To Remove Blade (Figure 11)

- Remove the three bolts (11a) with the wrench (K) supplied.
- Remove drum cover (11b) and remove the blade (L) out of its holder.
- Place the blade or replaced it.

To Reinstall Blade

- Replace the drum cover (11b). Make sure that the blade is flush with the planing shoe.
- Tighten the three bolts (11a).

⚠ Always replace both blade.

Parking Foot (Figure 12)

Your planer is equipped with a parking foot (O) that automatically lowers into place when the tool is lifted from the work surface. When planing, the parking foot raises as the tool is pushed forward. When the parking foot is lowered, the planer can set on the work surface without the blade touching.

⚠ CAUTION: Do not lock the trigger switch on and engage the parking foot. The vibration of the running motor will cause the planer to move, possibly falling from the work piece.

Drive Belt (Figure 13)

WARNING: Turn off and unplug the tool before making any adjustments or removing or installing accessories.

To Replace Belt

- Loosen the three screws shown in **Figure 13** and remove the belt cover.
- Remove old belt.
- Place new belt over front pulley then rotate belt clockwise while pushing belt onto back pulley.

- Attach belt cover and securely tighten screws.

Adjusting cutters (Figure 14)

- Place the blade (L) on the adjust plate (M), and make the blade edge perfectly flush with the inside edge of the adjust plate (M).
- Place the bracket (11d) on the blade and make the flange of bracket flush with the back side of the adjust plate.
- Tighten the two screws (11c) on the bracket.
- Slip the flange of the bracket into the groove of drum (11e), place the drum cover (11b) and tighten the three bolts (11a).

Sharpening blades (Figure 15)

- Fasten the blades to sharpening holder (N). Be sure both blades edges face in the same direction.
- Place the blades edges so that they rest flat on the grinding stone.
- Firmly grip the sharpening holder and move back and forward to sharpen the blades (L).

Residual risks

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- ◆ **Injuries caused by touching any rotating/moving parts.**
- ◆ **Injuries caused when changing any parts, blades or accessories.**
- ◆ **Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.**
- ◆ **Impairment of hearing.**
- ◆ **Health hazards caused by breathing dust developed when using your tool (example:- working with wood, especially oak, beech and MDF.)**

Use

Warning! Let the tool work at its own pace. Do not overload.

- ◆ Adjust the depth of cut.
- ◆ If necessary, fit and adjust the parallel fence.

Hints for optimum use

- ◆ Move the tool along the grain of the wood.
- ◆ If the grain is cross or curly, or if the workpiece material is a hard type of wood, adjust the depth of cut to take only a very thin shaving at each pass and take several passes to achieve the desired result.
- ◆ To keep the tool in a straight line, press down the front of

the tool at the start, and press down the back of the tool at the end of the cutting stroke.

Accessories

The performance of your tool depends on the accessory used. Stanley accessories are engineered to high quality standards and designed to enhance the performance of your tool. By using these accessories you will get the verybest from your tool.

Maintenance

Your tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Warning! Before performing any maintenance, switch off and unplug the tool.

- ◆ Regularly clean the ventilation slots in your tool using a soft brush or dry cloth.
- ◆ Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.

Replacing the drive belt (fig. 13)

- ◆ Loosen the screws and remove the cover .
- ◆ Remove the old drive belt.
- ◆ Place the new belt over the pulleys. Place the belt over the large pulley first, then over the small pulley, whilst manually rotating the belt steadily.
- ◆ Put the cover back in place and tighten the screws.

Protecting the environment



Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your Stanley product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

