TOOLSHED FILE
SANDER

TSFS

www.thetoolshed.co.nz

PRODUCT DETAILS

PRODUCT	ToolShed File Sander
MODEL NO.	TSFS

DISTRIBUTED BY

NOTE:
This manual is only for your reference. Due to the continuous improvement of the ToolShed products, changes may be made at any time without obligation or notice.

WARRANTY
This product may be covered under the ToolShed warranty. For more information see our Terms & Conditions at www.thetoolshed.co.nz

C O N T E N T S:

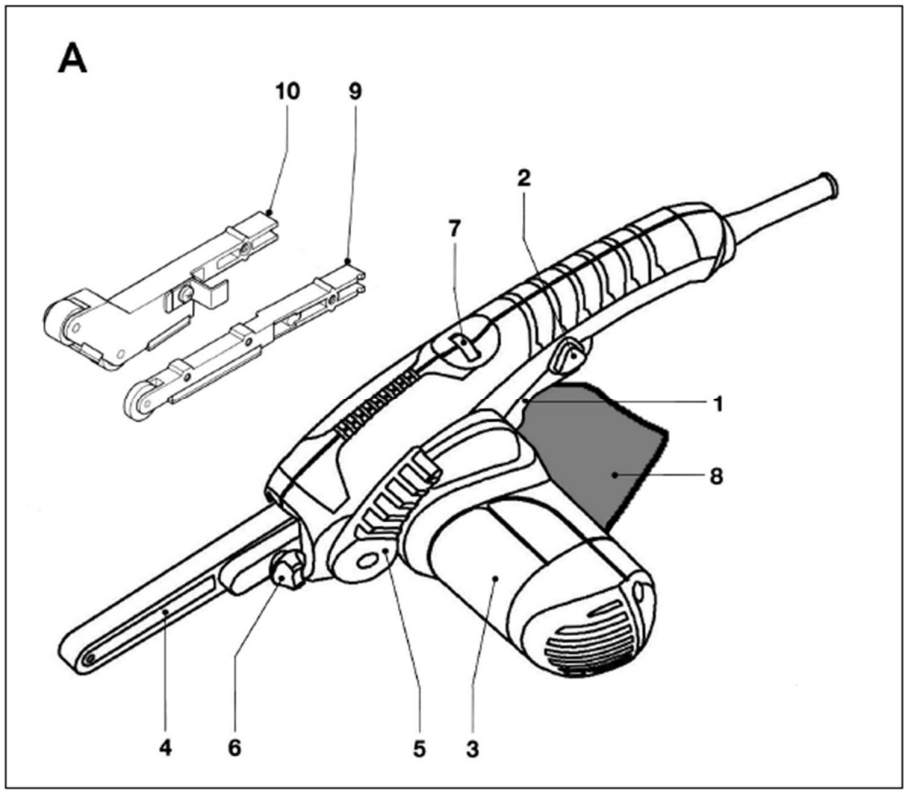
SPECIFICATIONS

Model	S1C-ZP-125
Rated Voltage	230-240V ~ 50Hz
Sound Pressure Level	82dB
Sound Power Level	(93＋3)dB(A) (k=3)
Hand Arm Vibration	3.8m/s2
Rated Power Input	400W
No Load Speed	1070-1650 m/min (23000-15000 r/min)
Sanding Belt Size	455 x 8mm | 455 x 13mm
Max Sanding Depth	125mm
Insulation Class of Engine	E
Weight	1.24kg
External Dimensions	430 x 200 x 110mm

SERVICE

- **Have your tools and machinery serviced at The ToolShed with ToolShed replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

IDENTIFICATION



1. On／off switch
2. Lock-on button
3. Secondary handle
4. Straight arm
5. Belt tensioning lever
6. Belt tracking knob
7. Variable speed control knob
8. Dustbag
9. Narrow arm
10. Cranked arm

IMPORTANT INFORMATION

GENERAL SAFETY GUIDELINES

⚠ **WARNING READ ALL SAFETY WARNINGS AND ALL INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire. Save ALL warnings and instructions for future reference.**

WORK AREA SAFETY

- **Ensure that your work area is kept well-lit and clean.** Lack of visibility and clutter greatly increase the risk of accident.
- **Keep bystanders and children clear when operating a power tool or machine.** They can cause distraction or risk injury themselves.
- **Ensure you are not operating the power tool or machinery in the presence of flammable gases, dust, liquids, or anything that creates an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition in these environments.

PERSONAL SAFETY

- **Always wear personal protective equipment.** Eye protection, ear protection, dust masks and other protective equipment will help to reduce the risk of personal injury.
- **Dress appropriately. Do NOT wear jewellery or loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk away from moving parts or they could be caught.
- **Always remain alert and do NOT operate the power tool or machinery under the influences of any substances (drugs, medication, alcohol).** Losing focus could lead to injury while operating power tools and machinery.
- **Always keep proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury.
- **Ensure the power switch is in the off position before connecting any battery or power source to the power tool or machinery.** This can lead to accidents as tools and machinery can fire suddenly when it is not expected and lead to accident.
- **Use all provided dust collection and extraction attachments if included.** This with the use of dust masks can help keep you safe from dust and keep your work site clear while working.
- **Ensure loose parts such as a wrench or adjusting key are removed before starting the power tool or machinery.** Failure to remove these can result in serious injury.

ELECTRICAL SAFETY

- **Do NOT use the power tool or machinery in raining conditions or wet areas where the power tool or machinery could get wet.** Water in the power tool or machinery can lead to electric shock.
- **Only use the power tool or machinery when the plug correctly matches the power outlet.** Modifying plugs greatly increases the risk of electric shock.
- **Keep the power cord away from anything that could damage it such as sharp edges, moving parts or heat.** A damaged power cord increases the risk of electric shock.
- **Only operate outdoors with the use of an outdoor extension lead.** Not all extension leads are suited to outdoor use and using one which is not can greatly increase the risk of electric shock.

- **Avoid body contact with grounded or earthed surfaces.** Surfaces such as radiators, ranges, pipes, and refrigerators can increase risk of electric shock due to your body being earthed or grounded.

POWER TOOL AND MACHINERY USE AND CARE

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect power tools and machinery from power or remove batteries before storing tools and machinery or making any changes or adjustments to them.** This reduces or removes the risk of power the tool or machinery accidentally firing which can help prevent injury or accident.
- **Check the power tool for damage or any condition that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from **The ToolShed**.
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with the power tool and machinery.** Failure to do so could result in accident or injury or damage your tool or machinery.
- **Store your tool or machinery out of reach of children and away from untrained personnel when not in use.** Use by somebody untrained or a child could lead to accident or serious injury.

ADDITIONAL SAFETY FOR TOOLSHED FILE SANDER

- Wear a dust mask whenever sanding.
- Thoroughly remove all dust from the work area after sanding.
- Take special care when sanding paint that could be lead based or when sanding woods and metal that produce toxic dust.
- Wear gloves when working with metal pieces.

It is recommended that the dust bag is fitted when working with wood and removed for workpieces containing metal.

TIPS FOR OPTIMUM USE

- Always hold the tool with both hands.
- Do not exert too much pressure on the tool.
- Regularly check the condition of the sanding belt and replace when necessary.
- Always sand with the grain of the wood.
- When sanding new layers of paint before applying another layer, use extra fine grit.

ASSEMBLY

BEFORE ASSEMBLY – Make sure that the tool is switched off and unplugged.

FITTING AND REMOVING SANDING ARMS (fig. B)

Before first use, you must fit the sanding arm to the tool. A straight arm (13mm sanding width) is supplied along with the following:

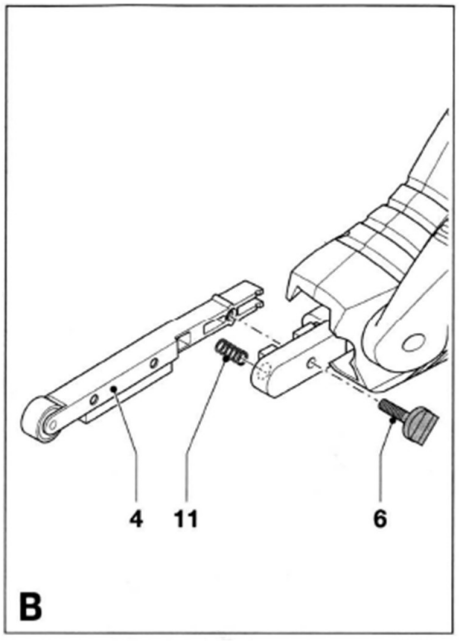
- A narrow arm (6mm sanding width) for intricate work.
- A cranked arm for grooving and sanding in the centre of workpieces and for reaching confined areas.

FITTING

- Make sure that the belt tensioner lever (5) is in the position shown.
- Loosen ad remove the belt tracking knob (6).
- Remove the tape retaining the spring (11).
- Check that the spring is located in its mounting hole.
- Position the arm (4) as shown.
- Fit the belt tracking knob (6) and tighten it until the arm is aligned with the tool.

REMOVING

- Remove the sanding belt as described below.
- Loosen and remove the belt tracking knob (6).
- Remove the arm.



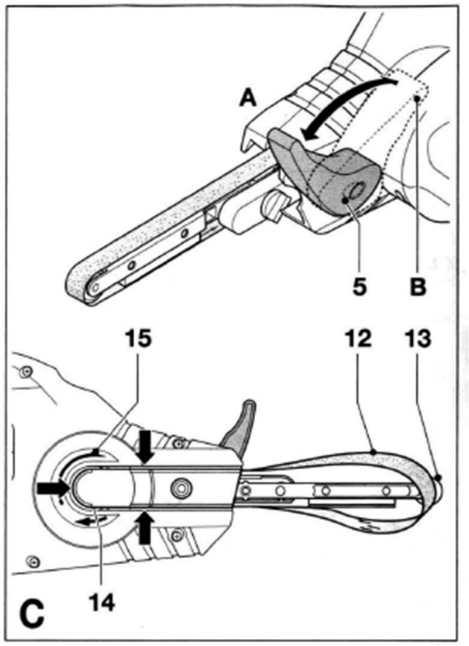
FITTING AND REMOVING SANDING BELTS (fig. C)

FITTING

- Move the belt tensioner lever (5) to the front position.
- Make sure that the arrows on the inside of the sanding belt face the same direction as the arrows on the housing.
- Place the sanding belt (12) over the front pulley (13) and the rear pulley (14), sliding it through the slot in the housing.
- Move the belt tensioning lever (5) to the rear position (B).
- Adjust the belt tracking as described below.

REMOVING

- Move the belt tensioning lever (5) to the front position.
- Slide the sanding belt (12) off the pulleys.



ADJUSTING THE SANDING BELT TRACKING (fig. D)

- Switch the tool on.
- Turn the belt tracking knob (6) as required until the sanding belt runs straight along the length of the arm.

FITTING AND REMOVING THE DUST BAG (fig. E)

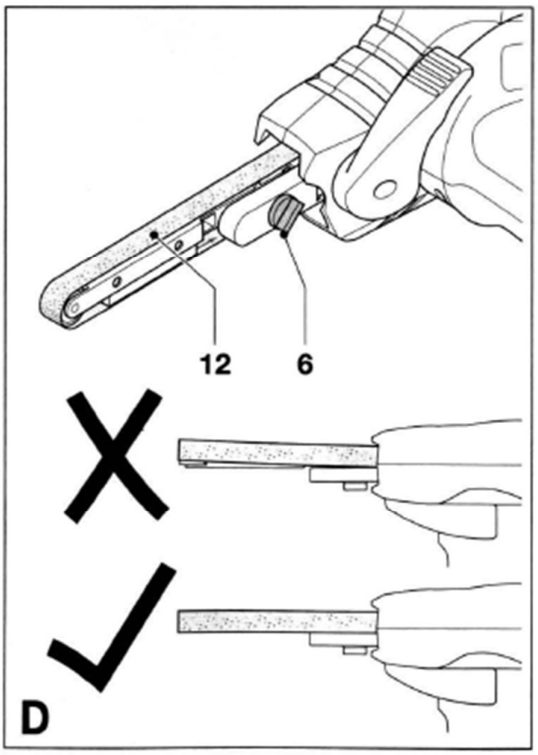
Make sure to remove the dust bag before using the tool on metal workpieces.

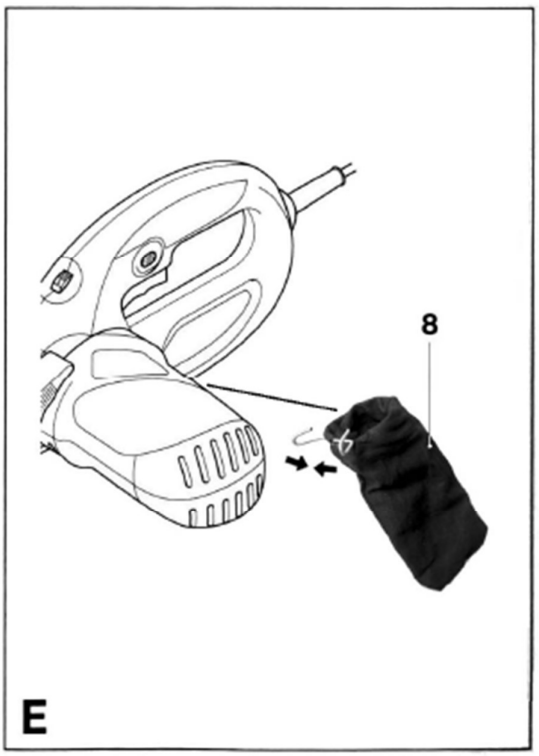
FITTING

- Align the dust bag (8) with the tool and loosen the clamp as shown.
- Slide the dust bag onto the tool until it clicks into place and then release the clamp.

REMOVING

- Loosen the clamp and pull the dust bag off the tool.

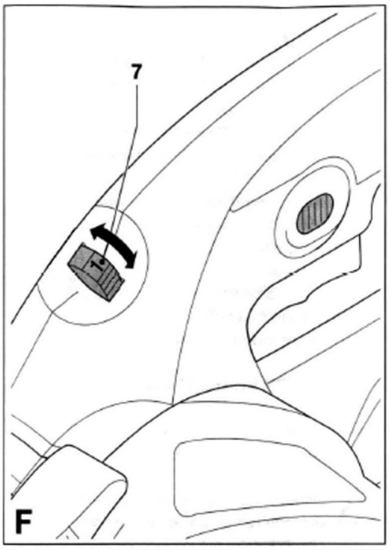




OPERATION

NOTE: Let the tool work and it's own pace and do not overload it.

VARIABLE SPEED CONTROL (fig. F)

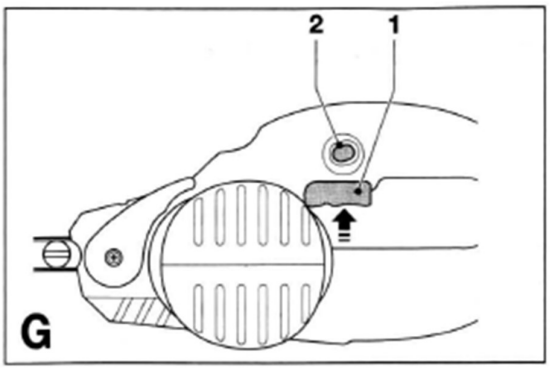


The variable speed control allows you to adapt the speed of the tool to the workpiece material.
Use a low-speed setting when using a fine grit, when working with plastics or ceramics and
when removing painted or varnished surfaces. Use a high-speed setting when using a coarse
grit and when removing a lot of material.

- Set the control knob (7) to the desired setting.

SWITCHING ON AND OFF (fig. G)

- To switch the tool on, press the on/off switch (1).
- To switch the tool off, release the on/off switch.



For continuous operation:
- Press the on/off switch (1).
- Press the lock-on button (2).
- Release the on/off switch.
- To switch the tool off when in continuous operation, press and release the on/off switch (1).

EMPTYING THE DUST BAG (fig. E)

The dust bag should be emptied every 10 minutes of use.

- Remove the dust bag from the tool.
- Hold down the spout and shake the dust bag to empty its contents.
- Refit the dust bag onto the tool.

If necessary, the dust bag can be removed from its frame and washed. Let it dry completely before refitting it.

CRANKED ARM (fig. H)

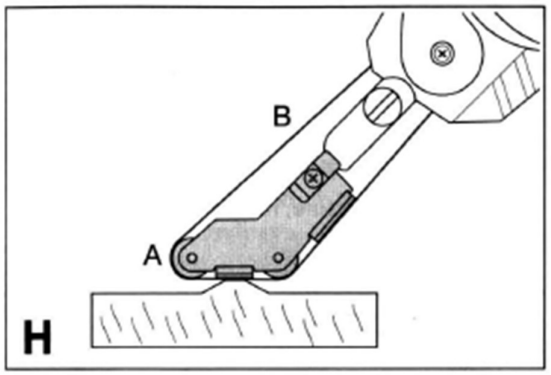
- Use section A for grooving or sanding in the centre of workpieces and in confined areas.
- Use section B for curved surfaces.

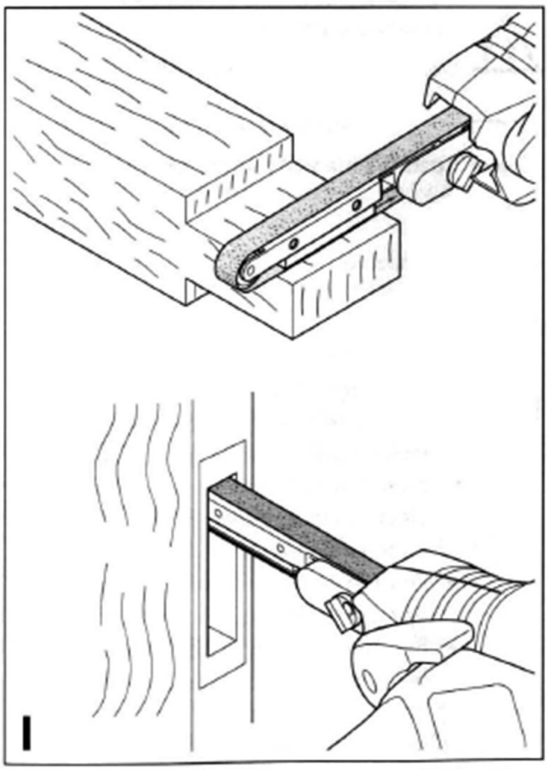
STRAIGHT ARM (fig. I)

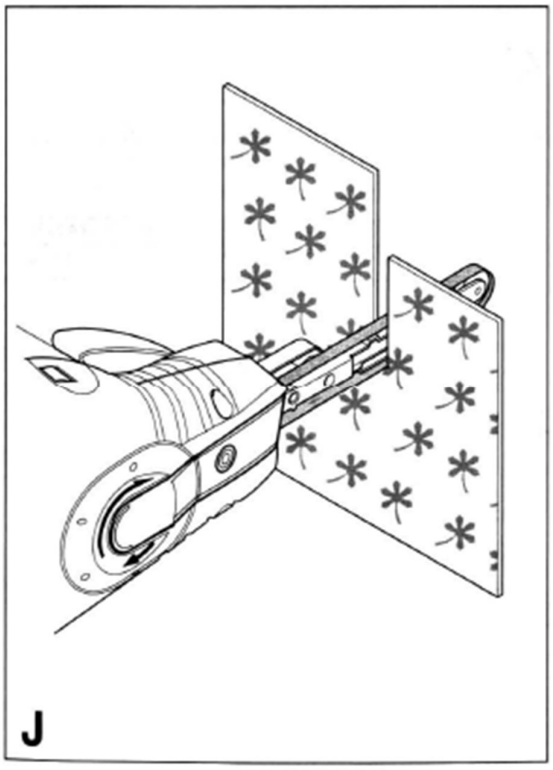
- Ise the normal or narrow arm for general use, for slotting, and for making joints.

NARROW ARM (fig. J)

- Use the narrow arm for finer detail, cutting, and carving.







MAINTENANCE & CLEANING

Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.

Compressed air is the most effective way to clean this tool. **Always wear safety goggles when cleaning tools with compressed air.**

Ventilation openings and switch levers must be kept clean. **DO NOT attempt to clean by inserting pointed objects through openings.**

Do not use chemicals when cleaning this tool.