

AUSTRALIAN OWNED

SWARTS[®]
TOOLS

THE MACHETE

FOR THE PERFECT CUT

DUAL ACTION RANDOM ORBITAL POLISHER

INSTRUCTION BOOKLET AND WARRANTY INFORMATION

PLEASE READ CARE AND SAFETY INSTRUCTIONS BEFORE USE



SW1871

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Version 2.0

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The product is warranted to be free from defects in materials and workmanship under normal use and service for a period of 5 years from the date of sale. This warranty covers defective parts and workmanship provided that the product is shipped pre-paid to the seller within 5 years of purchase of goods. This warranty is limited to the repair or replacement (at the manufacturers' discretion) of parts and shipping prepaid to the original dispatch destination. We regret that no liability can be accepted for consequential or special damages of any kind howsoever arising in connection with products supplied by the seller. This warranty is in lieu of all other warranties expressed or implied. No representative is authorised to assume for the seller any other liability in connection with the seller's products.

SPECIFICATIONS

Item number: SW1871	Net weight: 2.75KG
Rated input: 230 - 240V ~ 50Hz	Spindle size: 5/16" - 24
No load speed: 2500 - 4800RPM	Eccentric distance (orbit): 21mm
Velcro backing pad diameter: 150mm (6")	Warranty: 5 years
Acceptable polishing pad sizes range: 125mm - 180mm (5" - 7")	

CONTENTS OF BOX

1 x Six speed dual action polisher	1 x Straight handle
1 x Velcro backing plate	1 x Loop handle
1 x Course foam polishing pad (orange)	1 x Backing disc allen key
1 x Medium foam polishing pad (yellow)	2 x Handle bolts
1 x Soft foam polishing pad (black)	2 x Spare motor brush
1 x Heavy duty carry bag	1 x Instruction manual

VARIABLE SPEED STEPS

Number	1	2	3	4	5	6
RPM	2500	3000	3500	4000	4400	4800



WARNING: When using electric tools, machines or equipment basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

READ ALL INSTRUCTIONS BEFORE USING THIS TOOL

1. **KEEP WORK AREA CLEAN.** Cluttered areas invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.** Don't use power tools in damp, wet or poorly lit locations. Don't expose your tool to rain. Keep the work area well lit. Don't use tools in the presence of flammable gases or liquids.
3. **KEEP CHILDREN AND BYSTANDERS AWAY.** All children should be kept away from the work area. Don't let them handle machines, tools or extension cords. Visitors can be a distraction and are difficult to protect from injury.
4. **GROUNDING TOOLS** must be plugged into an outlet that itself is properly installed and grounded. Grounding provides a low-resistance path to carry electricity to ground away from the operator, should the tool malfunction electrically. Do not remove the grounding prong from the plug or alter the plug in any way. If in doubt as to whether the outlet is properly grounded according to code, check with a qualified electrician.
5. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces: pipes, radiators, ranges and refrigerator enclosures. When your body is grounded the risk of electric shock increases. When working wherever "live" electrical wires may be encountered, try to ascertain whether there is a danger of shock. Even so, **DO NOT TOUCH ANY METAL PARTS OF THE TOOL** while using it. Hold the tool only by the plastic grip to prevent electric shock if you contact a live wire.
6. **DO NOT ABUSE THE CORD.** Never carry power tool by the cord or pull on the cord to unplug it. Protect the cord from potential sources of damage: heat, oil and solvents, sharp edges or moving parts. Replace damaged cords immediately.
7. **WHEN WORKING OUTDOORS, USE AN OUTDOOR-RATED EXTENSION CORD.**
8. **DO NOT EXPOSE ELECTRICAL POWER TOOLS TO MOISTURE.** Rain or wet conditions can cause water to enter the tool and lead to electric shock.
9. **ENSURE THE EXTENSION CORD YOU USE IS OF SUFFICIENT GAUGE FOR ITS LENGTH.**
10. **STORE IDLE EQUIPMENT.** Store equipment in a dry area to inhibit rust. Equipment also should be in a high location or locked up to keep out of reach of children
11. **DON'T FORCE THE TOOL.** It will do the job better and more safely at the rate for which it was intended.
12. **USE THE RIGHT TOOL.** Don't force a small tool or attachment to do the work of a larger industrial tool. Don't use a tool for a purpose for which it was not intended.
13. **DRESS PROPERLY.** Don't wear loose clothing or jewellery; they can be caught in moving parts. Protective, non-electrically conductive gloves and non-skid footwear are recommended when working. Wear protective hair covering to contain long hair and keep it from harm.
14. **USE EYE PROTECTION.** Use a full-face mask if the work you're doing produces metal filings, dust or wood chips. Goggles are acceptable in other situations. Wear a clean dust mask if the work involves creating a lot of fine or coarse dust.



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15. **SECURE WORK.** Use clamps or a vise to hold the work piece. It's safer than using your hands and it frees both hands to operate the tool.
16. **DON'T OVERREACH.** Keep proper footing and balance at all times. Do not reach over or across machines that are running.
17. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. For safe performance keep handles dry, clean and free from oil and grease.
18. **AVOID UNINTENTIONAL STARTING.** Be sure the switch is in the OFF position before plugging in.
19. **ALWAYS CHECK AND MAKE SURE TO REMOVE ANY ADJUSTING KEYS OR WRENCHES** before turning the tool on. Left attached, these parts can fly off a moving part and result in personal injury.
20. **DO NOT USE THE TOOL IF IT CANNOT BE SWITCHED ON OR OFF.** Have your tool repaired before using it.
21. **DISCONNECT THE PLUG FROM MAKING ADJUSTMENTS.** Changing attachments or accessories can be dangerous if the tool could accidentally start.
22. **STAY ALERT.** Watch what you are doing and use common sense. Don't operate any tool when you are tired.
23. **CHECK FOR DAMAGED PARTS.** Before using this tool, any part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding or moving parts, breakage of parts, mountings and other conditions that may affect its operation. Inspect screws and tighten any that are loose. Any part that is damaged should be properly repaired or replaced by an authorised service centre unless otherwise indicated elsewhere in the instruction manual. Have defective switches replaced by an authorised service centre. Don't use the tool if switch does not turn it on and off properly.
25. **REPLACEMENT PARTS.** When servicing, use only identical replacement parts.
26. **SERVICE AND REPAIRS** should be made by qualified repair technicians at an authorised repair centre. Improperly repaired tools could cause serious shock or injury

SAFETY PRECAUTIONS FOR THE POLISHER

- ▶ Ensure the velcro backing plate and polishing pad are securely mounted as described in the assembly instructions before connecting the tool to a power supply. Do not tighten the velcro backing plate excessively, as this can cause cracks.
- ▶ Check the backing plate and pad for fissures and cracks and test for normal operation prior to use.
- ▶ Use only accessories rated for 5000rpm or greater.
- ▶ A harsh impact may break the backing plate and pad.

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|---------------------------|-------------------------|
| 1. Loop Handle | 5. Carbon Brush Cap |
| 2. Variable Speed Dial | 6. Machine Head |
| 3. On/Off Trigger | 7. Foam Polishing Pad |
| 4. Trigger Lock-on Button | 8. Velcro Backing Plate |





WARNING: do not connect the machine to a power source until assembly is complete.
Failure to comply could result in accidental starting and possible serious injury

CHANGING THE VELCRO BACKING PLATE & POLISHING PAD

1. Ensure the tool is disconnected from the power source.
2. Turn the machine on its back so that the On/Off trigger is facing upwards.
3. Hold the backing plate still with one hand while you use the allen key provided to unscrew the hex head bolt in the centre of the backing plate counter clock-wise.
4. Remove the backing plate
5. Line up the new backing plate (without the bolt and washer in) so that the aluminum locator on the back of the plate slots perfectly onto the mounting gear of the polisher.
6. Hold the backing plate still and insert the washer and hex head screw.
7. Tighten clock-wise
8. Hover the polishing pad over the velcro backing plate and find the centre. While ensuring the pad is perfectly centred on the velcro backing plate push them firmly together.

TRIGGER & TRIGGER LOCK-ON BUTTON

1. Dial the variable speed back to level 1 prior to turning the machine on. This will minimise excess polishing compound flying of the pad.
2. Slowly press the On/Off Trigger and hold it on.
3. Slowly change the variable speed dial to the desired level.
4. Hold the On/Off trigger fully in. While holding it in, press the trigger lock-on button all the way in as well.
5. To release the trigger lock-on button, grip the tool normally and squeeze and release the On/Off trigger.



Please note: this is a GENERAL guide only. Always follow the instructions provided by the manufacturer of the polishing compound you are using and consult the polishing compound manufacturer or a trade professional for a more in-depth instruction.

SET UP

1. Thoroughly clean the surface you wish to polish. Use a soap that does not leave any residue. If you are polishing a vehicle or automotive paint, we recommend that you first give the work surface a thorough clay wash prior to polishing.
2. Mark out your surface into sections. An area of 0.75m² is preferable to focus on at a time. It is best not to take on a huge area. It is recommended you do a small test area first, to ensure you do not do any damage to the polishing surface.
3. Fit the foam pad onto the velcro backing plate. Ensure that the velcro backing plate is perfectly centred onto the foam pad and press it on firmly.
4. Moisten the polishing pad with water and add 5 evenly spaced dots of polish across the pad.
Note: depending on the polishing compound being used, you may need to thoroughly wet the surface being polished first. If the polish is too thick and is creating too much friction between the pad and the paint, the foam pad will grip and break apart.
5. Spread the polish out over the work area by gently pressing the foam pad against the work surface without turning the machine on. This is to help spread out the polish and to prevent any extra product flying off.
6. Using speed level 1, slowly spread the polishing compound evenly over the area being polished, but do not work it in. The surface should appear misted/blurry and the compound should be blended.

POLISHING

1. Set the polisher to the speed setting as recommended by the polishing compound manufacturer.
2. Place the polisher on the work surface and turn it on.
3. Slowly begin working the polish into the paint using a long, slow, sweeping action which overlaps each sweep by 50%.
4. Repeat 3 times in an alternating direction, or as required by polishing compound manufacturer.
NOTE: it is imperative that you do not apply too much pressure to the work surface, as this may burn the paint and cause irreparable damage. Apply no more than approximately 2.5kgs of pressure (unless otherwise specified).
5. Use a clean microfiber cloth to wipe down the work surface and remove residual polishing compound.





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