

AUSTRALIAN OWNED

# SWARTS<sup>®</sup> TOOLS

## ROTARY POLISHER

INSTRUCTION BOOKLET AND WARRANTY INFORMATION

PLEASE READ CARE AND SAFETY INSTRUCTIONS BEFORE USE



**SW1891**

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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: SW1891	No Load Speed: 500-3000RPM
Voltage Power: 240V - 50Hz	Dia. Of Disc: 180mm
Input Power: 1650W (2400W)	Spindle thread: m14

## VARIABLE SPEED STEPS

Number	RPM
1	500
2	1000
3	1500
4	2000
5	2500
6	3000

## CONTENTS OF BOX

1 x Six speed rotary polisher	1 x Loop handle
1 x Velcro backing plate	2 x Handle bolts
1 x Course foam polishing pad (orange)	2 x Spare motor brush
1 x Medium foam polishing pad (yellow)	1 x Heavy duty carry bag
1 x Soft foam polishing pad (blue)	1 x Instruction manual
1 x Straight handle	



For your own safety, please read and follow all instructions in this manual, before operating this machine. Failure to operate or comply with the instructions in this manual may result in injury or voiding of warranty for this tool.

Do not use any aftermarket accessory for this product, unless approved by Swarts Tools. This product may only be serviced by Swarts Tools or by an authorised repair centre.

## WORK AREA ELECTRICAL SAFETY

1. Keep your work area clean and well lit. Cluttered benches and 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 bystanders, children and visitors away while operating a power tool. Distractions can cause you to lose control.
4. Grounded tools must be plugged into an outlet that is properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in anyway. Do not use any adaptor plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. If the tools should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.
5. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
6. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
7. Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

## PERSONAL SAFETY

8. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
9. Dress properly. Do not wear loose clothing or jewellery. Contain long hair, clothing and gloves away from moving parts. Loose jewellery or long hair can be caught in moving parts.
10. Avoid accidental starting. Be sure switch is off before plugging in. Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
11. Remove adjusting keys or wrenches before turning the tool on. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
12. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
13. Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions. Ordinary eye or sun glasses are NOT eye protection.



## TOOL USE AND CARE

14. Use clamps or other practical ways to secure and support the work piece to a stable platform. Holding the work piece by hand or against your body is unstable and may lead to loss of control.
15. Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
16. Do not use tool if switch does not turn it on or off. Any tool that cannot be controlled with the switch is dangerous and must be repaired.
17. Disconnect the plug from the power source before making any adjustments, changing accessories or storing the tool. Such preventative safety measures reduce the risk of starting the tool accidentally.
18. Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
19. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
20. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

## SERVICE

21. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
22. When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorised parts or failure to follow maintenance instructions may create a risk of electric shock or injury and will void your warranty.



***DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to polisher safety rules. If you use this tool unsafely or incorrectly, you may suffer serious injury.***

- 1. Accessories must be rated for at least the speed recommended on the tool warning label. Wheels and other accessories running over rated speed can fly apart and cause injury.
- 2. Hold tool by insulated gripping surfaces when performing an operation where the tool may contact hidden wiring or its own cord. Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.
- 3. Check the backing pad carefully for cracks, damage or deformity before operation. Replace cracked, damaged or deformed pad immediately.
- 4. NEVER use the tool with wood cutting blades or other sawblades. Such blades when used on a polisher frequently kick and cause loss of control leading to personal injury.
- 5. Hold the tool firmly.
- 6. Keep hands away from rotating parts.
- 7. Make sure the abrasive disc or wool bonnet is not contacting the workpiece the switch is turned on.
- 8. When sanding metal surfaces, watch out for flying sparks. Hold the tool so that sparks fly away from you and other persons or flammable materials.
- 9. Do not leave the tool running. Operate the tool only when hand-held.
- 10. Do not touch the workpiece immediately after operation; it may be extremely hot and could burn your skin.
- 11. Check that the workpiece is properly supported.
- 12. Pay attention that the wheel continues to rotate after the tool is switched off.
- 13. This tool has not been waterproofed, so avoid the use of EXCESSIVE WATER on the work piece surface.
- 14. Ventilate your work area adequately when you perform sanding operations.
- 15. Use of this tool to sand some products, paints and wood could expose user to dust containing hazardous substances, Use appropriate respiratory protection.

SPECIFIC SAFETY RULES

The followings show the symbols used for the tools.

V	.....	VOLTS
A	.....	AMPERES
Hz	.....	HERTZ
~	.....	ALTERNATING CURRENT
n <sub>o</sub>	.....	NO LOAD SPEED
.../min	.....	REVOLUTIONS PER MINUTE



***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 work surface into sections. An area of 0.75m<sup>2</sup> 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 usedm 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 tthe compound should be blended.

## POLISHING

1. Set the polisher to the speed setting as recommended by the polishing compound manufacturer. We generally recommend working on speed 3 and no higher.
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 2.5kgs of presure (unless otherwise specified).
5. Use a clean microfiber cloth to wipe down the work surface and remove residual polishing compound.



## ⚠ CAUTION:

- Always ensure that the tool is switched off and unplugged before adjusting or checking the function of the tool



## ⚠ CAUTION:

### SHAFT LOCK

- Never actuate the shaft lock when the spindle is moving - this may damage the tool.  
Press the shaft lock to prevent spindle rotation when installing or removing accessories.

1. Shaft lock



## ⚠ CAUTION:

### SWITCH ACTION

When the switch is locked on, maintain a firm grip on the tool.

To start the tool, simply pull on the trigger switch. Press in the lock button to lock the trigger switch in the ON position. To stop the tool while the lock button is activated, press in firmly on the trigger switch and release.

1. Lock Button
2. Trigger Switch

Prior to plugging in the tool, always check that the trigger switch actuates properly and returns to the OFF position when released.



## SPEED ADJUSTING DIAL

The speed can be changed by turning the speed adjusting dial to a given number setting from 1-6. Higher speed is obtained when the dial is turned in the direction of number 6 and lower speed is obtained when the dial is turned toward number 1.

1. Speed adjusting dial







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