



ROTARY CRAFT TOOL



TSRCT



www.thetoolshed.co.nz



OPERATION MANUAL

PRODUCT DETAILS

PRODUCT

Rotary Craft Tool

MODEL NO.

TSRCT

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



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SPECIFICATIONS

Voltage	230-240V / 50Hz
Amperage Rating	130W
No Load Speed	10,000-32,000rpm
Collet Chuck Capacity	Max. 3.2mm

ROTARY CRAFT TOOL USE

This rotary tool can be used for drilling, grinding, sanding and polishing, as well as engraving, cutting, and removing rust in tight or inaccessible places. The tool can be used on most metals, glass, wood, and ceramics. For best performance and results, keep the speed as even as possible without exercising too much pressure. As a guideline, use the tool at a low speed for all large accessories, such as polishing, and at a high speed for smaller accessories such as those used for engraving. For grinding and engraving, hold the tool as if it was a pen.

USEFUL HINTS & TIPS

- Your rotary tool will become warm after prolonged use and so must be switched off and allowed to cool down.
- To ensure smooth running, the spindle should be oiled periodically.
- Do not apply too much radial pressure to the accessory bits while polishing, cleaning, sanding, or grinding. By doing this you will put a strain on the spindle and adversely affect the precision of the tool.
- Always work with a sensitive touch so as not to impede the efficiency of your mini tool.
- When drilling metal, always mark the drilling point with a centre punch first, so that your rotary tool does not slip.
- Always ensure that you have maximum contact between the accessory shaft and the collet chuck.
- Vary the speed on the tool for the work in hand. (Low speed for polishing and cleaning, high speed for engraving).

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 accidents.
- **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 the 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 the power 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 unrepared tool or machine can lead to accidents 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 to 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.

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.

ADDITIONAL SAFETY FOR ROTARY CRAFT TOOL

- The tool should be unplugged when changing accessories.
- If you stall the tool, switch it off immediately.
- Periodically check the tightness of your collet chuck, especially during prolonged use of the same accessory.
- After use, always disconnect your power tool.
- Do not undertake repair of the tool yourself.
- Do not leave your tool unattended while switched on.
- Do not use or store your tool in damp or wet conditions.

OPERATION

START UP

Never start or stop the tool if the accessory is in contact with the piece that is being worked on. Hold it firmly and press the ON/OFF switch. The tool will run continuously until the switch is turned to the OFF position. The speed can be adjusted while the tool is running.

SPEED ADJUSTMENT

The rotary craft tool is equipped with speed control. Do not change the speed while the tool is working. The speed switch is located on the rear of the tool. Turn it to increase or reduce speed. Use the tool at low speed for polishing and similar operations but use higher speed for drilling or cutting action.

PLACING ACCESSORIES INTO THE TOOL

Always switch the tool off first. Hold the locking button at the front of the tool down and undo the collet chuck (anti-clockwise). Insert the collet that matches the shaft size of the accessory to be used. Place the collet nut over the collet and then insert the accessory shaft into the collet chuck, ensuring maximum shaft contact. Then tighten up the collet nut. (DO NOT USE PLIERS).

FLEXIDRIVE ASSEMBLY

Remove the front ring nut from the tool by turning in an anti-clockwise direction. Partially unscrew the blocking ring nut from the spindle. Partially extract the internal transmission cable from the flexidrive. Insert the flexidrive transmission cable into the spindle of the tool, pushing it as far as possible. Keep the spindle block button pressed in and screw the spindle blocking ring nut, turning it in a clockwise direction. Tighten using a spanner. Screw the threaded end of the flexidrive onto the body of the tool and tighten, turning in a clockwise direction.

CHANGING THE INSERT AND ACCESSORIES ON THE FLEXIDRIVE

To change the insert or to install accessories on the flexidrive, follow the same general procedure for insert change and for accessory assembly on the attachment. To block the spindle, turn it until the hole in the shaft is in line with the hole on the handle of the flexidrive. Insert a 1/8" drill bit in the aligned holes to block the shaft.

