

TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED  
**GUARANTEE**



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised Service centre. Should service become necessary during the warranty period, the owner should contact the customer service HELPLINE 1300 361 505 or contact the retailer from whom the product was purchased. In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or Service centre as principal and the dealer has no authority from the Company to give any additional guarantee on the Company's behalf except as herein contained or herein referred to.

tee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for which it was not designed or is not suited and no repairs, alterations or modifications have been attempted by other than an Authorised Service centre. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear. The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the Product or parts to and from the service dealer or Service centre - such costs are not included in this guarantee. Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.

**Guarantee Conditions**

This guarantee only applies provided that the Product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such guaran-



**TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED**

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**This Guarantee Form Should Be Retained By The Customer At All Times**

For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

Purchased From \_\_\_\_\_

Address Of Dealer \_\_\_\_\_

Date \_\_\_\_\_ Model No \_\_\_\_\_ Serial No \_\_\_\_\_

Present This Form With Your Purchase Docket When Guarantee Service Is Required.



**EOS200FK**

**ORBITAL SANDER  
OWNER'S OPERATING MANUAL**



N197

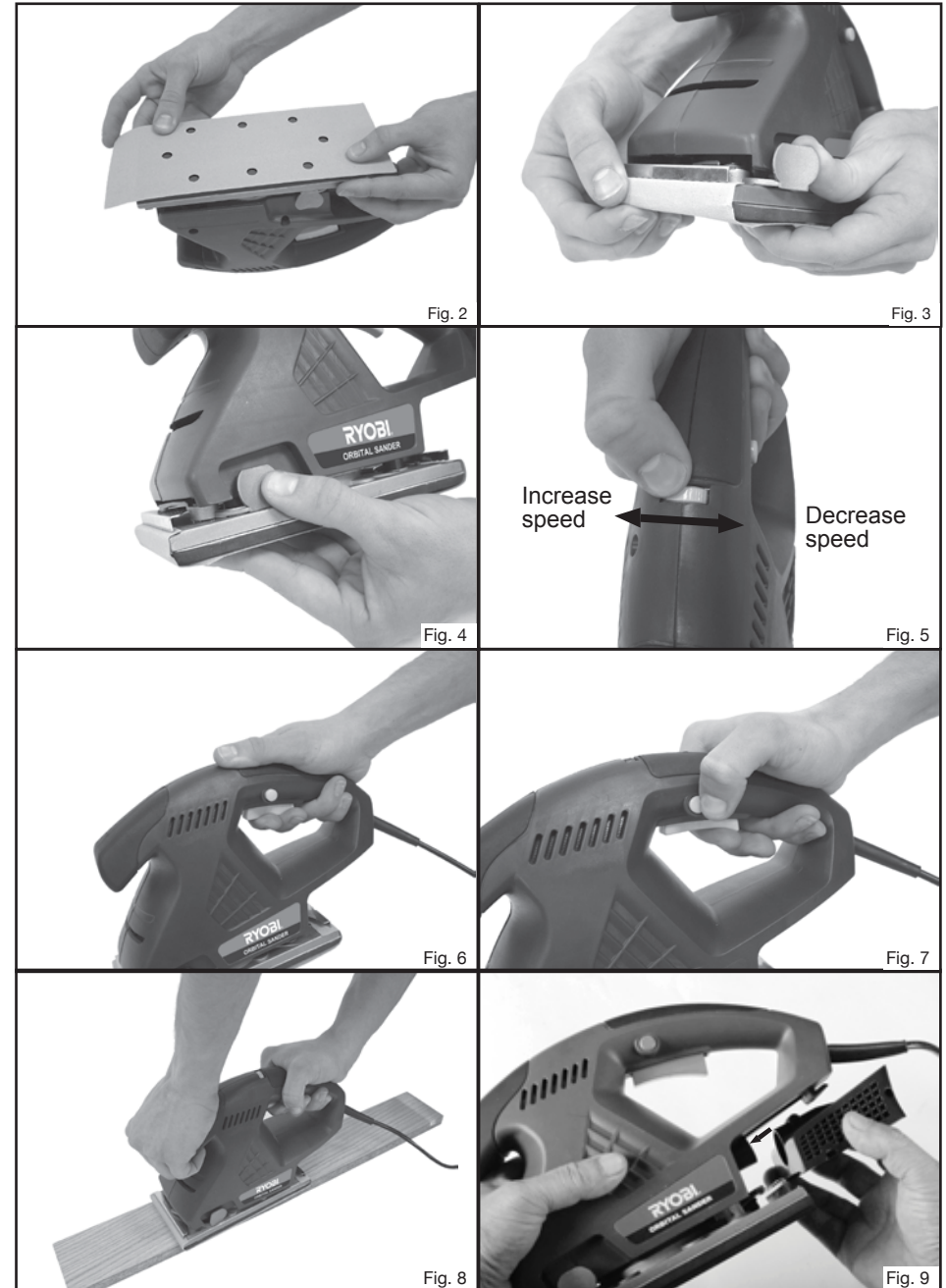
## DESCRIPTION

### Components list

1. Variable speed control wheel
2. Lock on button
3. Trigger switch
4. Dust collection box
5. Paper clamping levers (both sides)



## DESCRIPTION



Please refer to pages 2 - 3 for instructions

## Important!

It is essential that you read the instructions in this manual before operating this machine.

Subject to technical modifications

### GENERAL POWER TOOL SAFETY WARNINGS



#### WARNING

**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

#### 1) Work area

**a) Keep work area clean and well lit.**

Cluttered and dark areas invite accidents.

**b) 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.

**c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### 2) Electrical Safety

**a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce the risk of electric shock.

**b) 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.

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

**d) 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.

**e) 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.

**f) 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

**a) 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 a serious personal injury.

**b) 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.

**c) 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.

**d) 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.

**e) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

**f) 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.

**g) 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

**a) 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 preventative safety measures reduce the risk of starting the power tool accidentally.

## GENERAL POWER TOOL SAFETY WARNINGS

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 of binding or 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.

## SPECIFIC SAFETY WARNINGS

Use clamps or other 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.

Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.

Know your power tool. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this power tool. Following this rule will reduce the risk of electric shock, fire or serious injury.

Always wear safety glasses with side shields. Everyday glasses have only impact resistant lenses. They are NOT safety glasses. Following this rule will reduce the risk of eye injury.

Protect your lungs. Wear a face or dust mask if the operation is dusty.

Protect your hearing. Wear hearing protection during extended periods of operation.

If using an extension lead, ensure that the male and female plug connection is elevated and out of the way of any water contact.



### WARNING:

This sander is designed for light consumer use. It is NOT designed for trade or industrial use and is not covered by the guarantee for use in these applications.

## SPECIFICATIONS

Power input:	200 W
No load speed:	5,000-10,000 min <sup>-1</sup>
Sanding pad size:	90 x 184 mm
Net weight:	1.75 kg

## OPERATION

It is recommended that the tool always be supplied via a residual current device with a rated residual current of 30mA or less.

### FITTING THE SANDPAPER



### WARNING:

Always remove the electric cord from the power supply when changing sanding paper, polishing pad or when working on the tool.

Ensure the sandpaper is taut on the base with the edges and dust collection holes evenly aligned (Fig. 2).

Pull out both the front and rear clamping levers to the open position and insert the ends of the sandpaper under both clamps. (Fig.3)

Ensure that the sandpaper is taut on the base. Push both clamps in to the closed position to secure the sandpaper. (Fig.4)



### WARNING:

Make sure the workpiece is free of nails and foreign objects which could tear the sanding paper.

### VARIABLE SPEED CONTROL (Fig.5)

The variable speed control wheel is used to programme the required sanding speed. In this way the speed can be adapted to match the material being worked.

Turn the wheel to the right to increase the speed.

Turn the wheel to the left to decrease the speed.

### SANDING

Your sander starts and stops by depressing and releasing the trigger switch. (Fig.6)

## OPERATION

For continuous operation, press the lock-on switch while the trigger is depressed. Depress the trigger switch to release the lock (Fig.7). Move the sander evenly over the entire work area. (Fig.8) The weight of the sander alone is sufficient for normal use. Any excess pressure will retard the sanding action, giving an uneven finish and cause extra wear to both tool and sanding paper.

Never allow sander to stay in one place too long, or excessive material will be removed. Always start sander before applying it to the work piece.

The sander should never be turned off while resting on the work piece. Lift the tool from workpiece and then turn it off. Do not use the tool without sanding paper, or the rubber pad will be damaged. Take care that your hand does not cover the vents and make sure oil or water does not come into contact with the motor.



### WARNING:

Never cover the air vents. They must be open at all times for proper motor cooling.

### DUST COLLECTION BOX

Your sander is equipped with a dust collection box. To attach, insert the box into the back of the sander. (Fig.9)

To empty the dust box, remove the box from the sander.

## MAINTENANCE

Do not make any adjustment while the motor is in motion.

Always disconnect the electrical cord from the power source before changing the sandpaper, brushes, or when working on the unit.

After use, check your tool to keep it in top condition.

Clean out accumulated dust.

When the carbon brushes are worn to the standard line, they must be replaced.

## SERVICE

Now that you have purchased your tool, should a need ever exist for repair parts or service, simply contact your nearest Ryobi Authorised Service Centre or other qualified service organisation. Be sure to provide all pertinent facts when you call or visit.