OLYMPIATOOLS®
GOOD QUALITY. GREAT VALUE.

USER MANUAL

135W ⅓ SHEET ORBITAL SANDER

OS135



UK CA CE

CONTENTS

SAFETY INFORMATION **3-5**

SAFETY WARNING SYMBOLS **3**
- Safety warning symbols - sander 3
- Compliance and recycling symbols 3

SAFETY WARNINGS - GENERAL POWER TOOLS **4-5**
- Work area safety 4
- Electrical safety 4
- Personal safety 4-5
- Power tool use and care 5
- Service 5

IN THE BOX **6**
- Key features 6
- Accessories 6

OPERATION INSTRUCTIONS **7-8**
- Intended use 7
- Attaching the sanding sheet 7
- Attaching the vacuum cleaner adaptor 7
- Switch on the product 7
- Sanding 7-8
- Useful tips 8

TROUBLE SHOOTING **9**
- If your sander will not operate? 9
- If the sander does not abrade surface? 9
- If the sander dose not move smoothly? 9
- If a fault can not be rectified? 9

MAINTENANCE **9**

TECHNICAL SPECIFICATIONS **10-11**
- Sander 10
- Noise/vibration information 10-11

DISPOSAL **12**
- Packaging materials 12
- Electrical products 12

STORAGE **12**

PLUG REPLACEMENT (UK AND IRELAND ONLY) **13**

GUARANTEE **13**

UK DECLARATION OF CONFORMITY **14**

EU DECLARATION OF CONFORMITY **15**

SAFETY INFORMATION



IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNING SYMBOLS

The following warning symbols appear throughout this user guide and indicate the appropriate safety measures you should take when assembling and operating the sander.

⚠ WARNING!

This symbol marks a point of safety, indicating a warning. Ignoring this safety symbol could result in an accident to yourself or others. To limit the risks of injury, fire or electrocution, always follow the recommendations indicated.

Safety warning symbols - Sander



Protection Class II
(double insulated)

Compliance and recycling symbols



Complies with all relevant UK regulations



Complies with relevant European regulations



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

SAFETY INFORMATION

IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNINGS - GENERAL POWER TOOLS

⚠ WARNING!

Read all safety warnings and instructions. Failure to follow 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.

Work area safety

1. **Keep work area clean and well lit.** Cluttered or 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 children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
2. **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.
3. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
4. **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.
5. **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.
6. **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.

Personal safety

1. **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 serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, on-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.



3. **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.

4. **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.
5. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
6. **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.
7. **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.

Power tool use and care

1. **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.
2. **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.
3. **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 preventive safety measures reduce the risk of starting the power tool accidentally.
4. **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.
5. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
6. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. **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.

Service

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.

IN THE BOX

Key features



1. On/off switch
2. Switch lock-on button
3. Vacuum cleaner adapter
4. Dust outlet
5. Sanding sheet clamp
6. Base plate

Accessories

1. 1x Vacuum cleaner adaptor

OPERATION INSTRUCTIONS

IMPORTANT: To reduce risk of injury, please read this user guide before use.

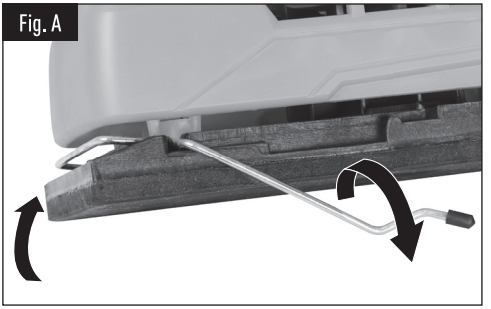
Intended use

This tool is intended for dry sanding of wood, plastic, filler and coated surfaces.

Attaching the sanding sheet (See fig. A)

1. Release the clamping lever on both sides.
2. Align the sanding sheet with the dust extraction holes. Clear the immediate area if you are using sanding sheets without dust extraction holes.
3. Fold back the sanding sheet on both sides of the sanding plate.
4. Push the clamping lever up on both sides and engage.

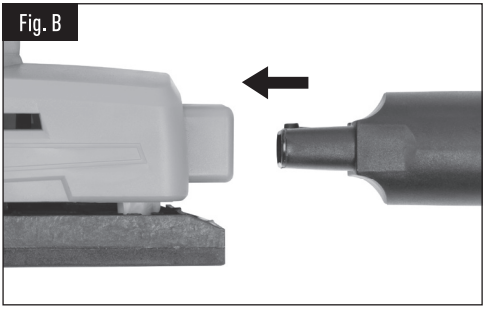
Fig. A



Attaching the vacuum cleaner adaptor (See fig. B)

1. Slide the vacuum cleaner adaptor into the opening.
2. Attach the dust extraction hose to the vacuum cleaner adaptor.

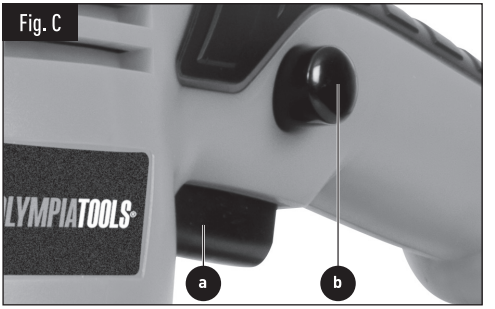
Fig. B



Switch on the product (See fig. C)

1. Press the On/off switch (a).
2. For continuous operation, press the switch lock-on button at the same time.
3. Press the On/off switch again to release the switch lock-on button and the product switches itself off.

Fig. C



Sanding

Switch the product on and apply an even pressure to the surface to be sanded.

⚠ WARNING!

Danger to life due to electrical shock! The product may only be used for dry sanding work.

⚠ WARNING!

When working, hold the product up against vertical surfaces in such a way that the dust collector points downwards.

⚠ WARNING!

Excessive pressure does not result in greater sanding performance, instead it causes greater wear on the product and sanding sheet.

USEFUL TIPS

1. Your sander is ideal for working on wood, metals and painted surfaces. It will smooth surfaces prior to painting, even where fillers have been used and left proud.
2. Your sander is best suited to large flat areas such as doors but can also be used on skirting boards, windows, etc, provided they are accessible.
3. Different types of sanding paper will allow the sander to meet various needs. Different grades of sanding paper are available, the higher grade number, the finer the grit. For rough work start with a low grade of grit (e.g. 60 grit) and change to a higher, finer grade (e.g. 100 or 120) for finishing. If you use a fine grade for rough surfaces it will soon clog and need changing.
4. Let the sander do the work at all times. Do not force it or apply excessive pressure to the sanding paper or it could wrinkle or tear. Preferably, use a light circular motion.
5. If the surface shows excessive markings from the abrasive motion, you may be using a grit which is too coarse or applying too much pressure.

TROUBLE SHOOTING

If your sander will not operate?

Check the power at the mains plug.

If the sander does not remove material rapidly?

Check the sanding sheet. If the sanding sheet have been worn, replace the new sheet and try again. The sheet must be kept in a dry place, if it is allowed to become damp, the abrasive particles will lose their adhesion to the backing paper and will not remove material rapidly.

If the sander does not move smoothly?

The sanding sheet may be loose, damaged or wrinkled. Replace and try again.

If a fault can not be rectified?

Return the sander to an authorised dealer for repair.

MAINTENANCE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.

Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth.

Always store your power tool in a dry place.

Keep the motor ventilation slots clean. Keep all working controls free of dust.

If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

TECHNICAL SPECIFICATIONS

Sander

Model	FS-CG-90X187-135C (OS135)
Code	09-210
Mains supply	230V~50Hz
Power input	135W
Oscillating speed (no-load)	13000/min
Orbit diameter	2mm
Sanding surface	90x187mm
Sandpaper size	90x240mm
Protection class II	⧈
Weight	1.30kg

Noise/vibration information

Noise

A weighted sound pressure	L_{pA}: 78dB(A)
A weighted sound power	L_{wA}: 89dB(A)
	K_{pA} and K_{wA} =3.0dB(A)

⚠ WARNING!

Wear ear protection when sound pressure is over: 80dB(A)

Vibration

Vibration total values (triax vector sum) determined according to EN 62841:

Typical weighted vibration	Vibration emission value a_h = 7.6m/s² (front handle) Vibration emission value a_h = 9.7m/s² (main handle)
	Uncertainty K = 1.5m/s²

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.

⚠ WARNING!

The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used for example:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained.

Use of the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and whether any anti-vibration accessories are used.

The tool is being used as intended by its design and as detailed in this user guide.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

⚠ WARNING!

To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti-vibration accessories.

Avoid using tools in temperatures of 10ºC or less.

Plan your work schedule to spread any high vibration tool use across a number of days.

DISPOSAL

Packaging materials

Dispose of in an environmentally friendly way by adding to your recyclable waste bin, or by taking it to a public collection centre.



Electrical products

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.
Check with your Local Authority or retailer for recycling advice.



STORAGE

Store the machine, operating instructions and where necessary the accessories in the original packaging. In this way you will always have all the information and parts ready to hand.

Pack the device well or use the original packaging in order to avoid transit damage.

Always keep the machine in dry place.

PLUG REPLACEMENT (UK AND IRELAND ONLY)

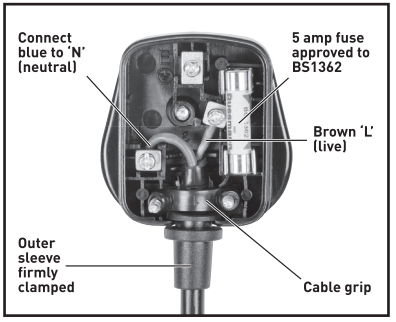
If you need to replace the fitted plug then follow the instructions below.

IMPORTANT
The wires in the mains lead are coloured in accordance with the following code:
Blue – Neutral
Brown – Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with 'N'. The wire which is coloured brown must be connected to the terminal which is marked with 'L'.

⚠ WARNING!

Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved BS1363/A plug and the correct rated fuse. Note: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



GUARANTEE

This product is selected for **DOMESTIC USE ONLY** and not for business use. This product is guaranteed against manufacturing defects for a period of 24 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please return it to your nearest store. If the item is shown to have an inherent defect present at the time of sale, the store will provide you with a replacement. Your statutory rights remain unaffected.

UK DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **135W ⅓ Sheet sander**

Model: **FS-CG-90X187-135C (OS135)**

2. This declaration of conformity is issued under the sole responsibility of the manufacturer

3. Object of the declaration

Product: **135W ⅓ Sheet sander**

Model: **FS-CG-90X187-135C (OS135)**

Rated voltage: **230V~50Hz**

4. This 135W ⅓ Sheet sander model number FS-CG-90X187-135C (OS135) fully complies with the Supply of Machinery (Safety) Regulations 2008, Electromagnetic Compatibility Regulations 2016, the Restriction of Use of Certain Hazardous Substances in Electrical & Electronic Equipment Regulations 2012, and the following standards:

EN 62841-1:2015	EN 55014-2:2015
EN 62841-2-4:2014	EN IEC 61000-3-2:2019
EN 55014-1:2017/A11:2020	EN 61000-3-3:2013/A1:2019

5. This declaration is made under the sole responsibility of:
SUMEC HARDWARE AND TOOLS CO., LTD.
No. 1 Xinghuo Road, Jiangbei New Arga, Nanjing, Jiansu, 210061 China

Chief Engineer
Wenjun
Date: Jun,15,2021



EU DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **135W ⅓ Sheet sander**

Model: **FS-CG-90X187-135C (OS135)**

---

2. This declaration of conformity is issued under the sole responsibility of the manufacturer

---

3. Object of the declaration

Product: **135W ⅓ Sheet sander**

Model: **FS-CG-90X187-135C (OS135)**

Rated voltage: **230V~50Hz**

---

4. This 135W ⅓ Sheet sander model number FS-CG-90X187-135C (OS135) fully complies with the Machinery Directive 2006/42/EC, Electromagnetic Compatibility Directive 2014/30/EC, RoHS Directive 2011/65/EU and the following harmonized EU standards:

EN 62841-1: 2015 EN 61000-3-2: 2014

EN 62841-2-4: 2014 EN 61000-3-3: 2013

EN 55014-1: 2017

EN 55014-2: 2015

---

5. This declaration is made under the sole responsibility of:
SUMEC HARDWARE AND TOOLS CO., LTD.
No. 1 Xinghuo Road, Jiangbei New Arga, Nanjing, Jiansu, 210061 China

Chief Engineer
Wenjun
Date: Jul,02,2019



OLYMPIATOOLS®

GOOD QUALITY. GREAT VALUE.

UK: Olympia Tools [UK] Ltd, Bull Lane,
Wednesbury, West Midlands, WS10 8RW

EU: Tucks O'Brien Ltd, 24 Magna Drive,
Magna Business Park, Citywest Road,
Dublin D24 FNY0, Ireland

09-210