OLYMPIATOOLS®
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USER MANUAL

130W MULTI-SANDER

MS130



UK CA CE

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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 - Multi-sander



Protection Class II
(double insulated)

Compliance and recycling symbols



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, non-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

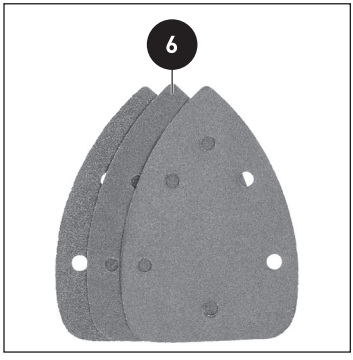
Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SAFETY WARNINGS - MULTI-SANDER

1. **Contact or inhalation of dust generated when working with the sander may be harmful or toxic and can endanger the health of the operator and bystanders.**
2. **Never use the sander on asbestos, painted surfaces that contain lead, or woods and metals which when sanded can create harmful or toxic dust.** Risk of poisoning and dust-related hazards.
3. **Always wear personal protective equipment when carrying out grinding/sanding work, or if you are in the vicinity of someone carrying out grinding/sanding work.** Protective equipment such as goggles and a dust mask will reduce personal injuries.
4. **If operating the sander in a workshop ensure that a suitable dust extraction system is available and functioning correctly to reduce the exposure to wood dust to as low as is `reasonably practicable'.** Dust extraction systems will reduce dust-related hazards.
5. **Never sweep up or use compressed airlines as this will disturb the dust and allow it to become inhaled. Always clean up using a vacuum cleaner suitable for fine dust particles.** A suitable vacuum cleaner will reduce dust-related hazards.
6. **Never eat, drink or smoke at the workplace.** Risk of dust-related hazards.
7. **Never use a sander whilst barefoot or wearing sandals.** Risk of injury-related hazards.

IN THE BOX





1. On/off switch
2. Palm rest
3. Removable dust box
4. Dust outlet
5. Sanding pad
6. 3x Sanding sheets

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.

Selecting the right sanding sheet

Selecting the correct grit of sandpaper is an important decision to achieve the best quality sanding finish.

Coarse grit will remove the most material and finer grit will give you the best finish in all sanding operations. The condition of the surface to be sanded will determine which grit will do the job.

If the surface is rough, start with coarse grit (sold separately) and sand until the surface is uniform. Then use medium to remove any scratches left by the coarse grit. Then use finer grit (sold separately) for finishing the surface.

Always continue sanding with each grit until the surface is uniform.

⚠ 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.

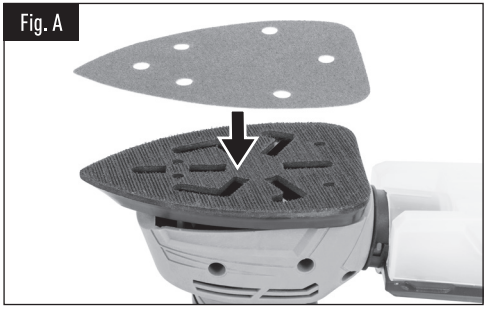
Fitting the sanding sheet (See fig. A)

This sander features an easy hook and loop accessory fastening system for quick changing without clamps.

The sanding sheets are placed directly onto the sanding pad. The hole pattern in the sanding pad and sanding sheet must match. Press the sanding sheet onto the sanding pad by hand. Firmly press the power tool with the sanding sheet against a flat surface and briefly switch the power tool on. This provides for good adhesion and prevents premature wear.

Before placing the sanding sheet, free the sanding pad from dust/debris by lightly tapping against it.

Fig. A



Removing the sanding sheet

Simply remove the sanding sheet directly.

Attaching the dust box (See fig.B)

Your sander is equipped with a removable dust box (3), which is designed for almost dust free working. Insert the removable dust box into the rear dust outlet of sander. Then pull the removable dust box to make sure it is tightened securely to the dust outlet (See fig. B).

Emptying the dust box

For more efficient operation, empty dust box every 5-10mins. This will permit the air to flow through the box better.

To empty, pull the dust box from the dust outlet and shake out dust.

Fig. B



On/off switch (See fig. C)

To start your sander, depress the protective cover over the switch at the position marked "I". To stop your sander, depress the protective cover at the position marked "0".

Fig. C



Using the sander

Your sander is equipped with a teardrop base which allows you to use it on large flat surfaces, as well as difficult and confined areas.

The workpiece to be sanded must be secured. If it is small or it may move during sanding, it must be held in a vice or suitably clamped.

Be sure to hold the sander firmly while it is on and apply it gently to the work, it may "kick" on first contact. Hold the sander so that it is flat on the work and move slowly, preferably with a smooth, circular motion. Regularly check the condition of the sanding paper and replace when worn for best results.

Flush sanding

Your sander can sand flush on three sides of the base-plate which allows easy access to corners and edges of moulding

Orbital sanding

Your sander operates in small circular rotations which allows efficient material removal.

Operate your sander in long sweeping movements across your workpiece and even across the grain. For a finer finish, always use a fine grain sanding sheet and only move the sander in the direction of the grain and never across the grain.

Do not allow your sander to remain in the same position otherwise you will remove material and create and uneven surface.

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 is worn, replace with a 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	AJ7 (MS130)
Code	09-220
Mains supply	230V-240V~50Hz
Power input	130W
Oscillating speed (no-load)	14000/min
Orbit diameter	1.6mm
Sanding surface	140x140x80mm
Protection class II	⧈
Weight	1.20kg

Noise/vibration information

Noise

A weighted sound pressure	L_{pA}: 76dB(A)
A weighted sound power	L_{wA}: 87dB(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 = 3.017m/s^2
	Uncertainty K = 1.5m/s^2

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 10^{0}C 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)

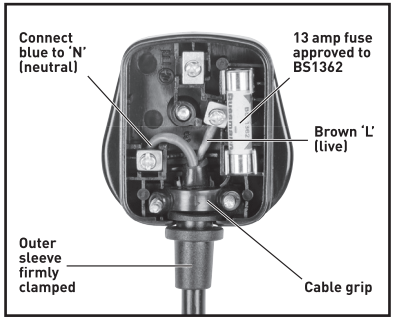
If you need to replace the fitted plug then follow the instructions below.

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: **130W Multi-sander**

Model: **AJ7 (MS130)**

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

3. Object of the declaration

Product: **130W Multi-sander**

Model: **AJ7 (MS130)**

Rated voltage: **230V-240V~50Hz**

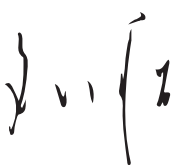
4. This 130W Multi-sander, model number AJ7 (MS130), fully complies with the Supply of Machinery (Safety) Regulations 2008, Electromagnetic Compatibility Regulations 2016, the Restriction of Use of Certain Hazardous Substances in Electrical & Electronic Equipment Regulations 2012, and the following standards:

BS EN 62841-1:2015+AC:15	EN 55014-2:2015
BS EN 62841-2-4:2014+AC:2015	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: May,29,2021



EU DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **130W Multi-sander**

Model: **AJ7 (MS130)**

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

3. Object of the declaration

Product: **130W Multi-sander**

Model: **AJ7 (MS130)**

Rated voltage: **230V-240V-50Hz**

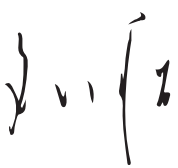
4. This 130W Multi-sander, model number AJ7 (MS130), fully complies with the Machinery Directive 2006/42/EC, Electromagnetic Compatibility Directive 2014/30/EC, RoHS Directive 2011/65/EU and the following harmonized EU standards:

EN 62841-1:2015+AC:15
EN 62841-2-4:2014
EN 55014-1:2017
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

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: Jan,2,2020



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