OLYMPIATOOLS®
GOOD QUALITY. GREAT VALUE.

USER MANUAL

X20s™ BATTERY SYSTEM

RECIPROCATING SAW 1x 2AH

X20SRS1

UK CA CE

CONTENTS

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 reciprocating saw.

⚠ 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 - Battery charger

Protection Class II (double insulated)

Indicates T3.15A time lag fuse with rated current of 3.15A

For indoor use only

Safety warning symbols - Battery

Do not burn

Do not expose to rain or water

Do not expose the battery to sunlight or excessive temperatures. Do not charge or store the battery where the temperature is below 0°C or greater than 45°C.

Positive terminal

Negative terminal

Olympia Tools provides a facility for the collection and recycling of rechargeable LI-ION batteries once they have reached the end of their working life. To dispose of your battery please return to any Olympia Tools stockist who will collect on our behalf. Alternatively consult your local waste authority for information regarding available recycling and/or disposal options. Your battery will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.

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

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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.

Battery tool use and care

1. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. I**f contact accidentally occurs, flush with water. **I**f liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

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 INFORMATION

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SAFETY WARNINGS - RECIPROCATING SAW

1. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.
3. **Keep hands away from the sawing range. Do not reach under the workpiece.** Contact with the saw blade can lead to injuries.
4. **Apply the machine to the workpiece only when switched on.** Otherwise, there is a danger of kickback when the cutting tool jams into the workpiece.
5. **When sawing, the base plate must always face against the workpiece.** The saw blade can become wedged and lead to a loss of control over the machine.
6. **When the cut is completed, switch off the machine and then pull the saw blade out of the cut only after it has come to a standstill. I**n this manner, you can avoid kickback and can place down the machine securely.
7. **Use only undamaged saw blades that are in perfect condition.** Bent or dull saw blades can break, negatively influence the cut, or lead to kickback.
8. **Do not bring the saw blade to a stop by applying side pressure after switching off.** The saw blade can be damaged, break or cause kickback.
9. **Do not support the workpiece with your hand or foot. Do not touch objects or the floor with the saw running.** Danger of kickback.
10. **Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance.** Contact with electric cables can lead to fire and electric shock. Damaging a gas line can lead to an explosion. Penetrating a water pipe can cause property damage or may cause an electric shock.
11. **When working with the machine, always hold it firmly and provide a secure stance.** The power tool is guided more securely with both hands.
12. **Always wear a dust mask.**

SAFETY INFORMATION

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

SAFETY WARNINGS - BATTERY PACK

1. **Do not dismantle, open or shred cells or battery pack.**
2. **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

3. **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
4. **Do not subject battery pack to mechanical shock.**
5. **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes.** If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
6. **Seek medical advice immediately if a cell or battery pack has been swallowed.**
7. **Keep battery pack clean and dry.**
8. **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
9. **Battery pack needs to be charged before use. Always refer to this user guide and use the correct charging procedure.**
10. **Do not maintain battery pack on charge when not in use.**
11. **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
12. **Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).**
13. **When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.**
14. **Recharge only with the charger specified by manufacturer.** Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
15. **Do not use any battery pack which is not designed for use with the equipment.**
16. **Keep battery pack out of the reach of children.**
17. **Retain this user guide for future reference.**
18. **Remove the battery from the equipment when not in use.**
19. **Dispose of properly.**

SAFETY INFORMATION

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

SAFETY WARNINGS - BATTERY PACK CHARGER

⚠ WARNING!

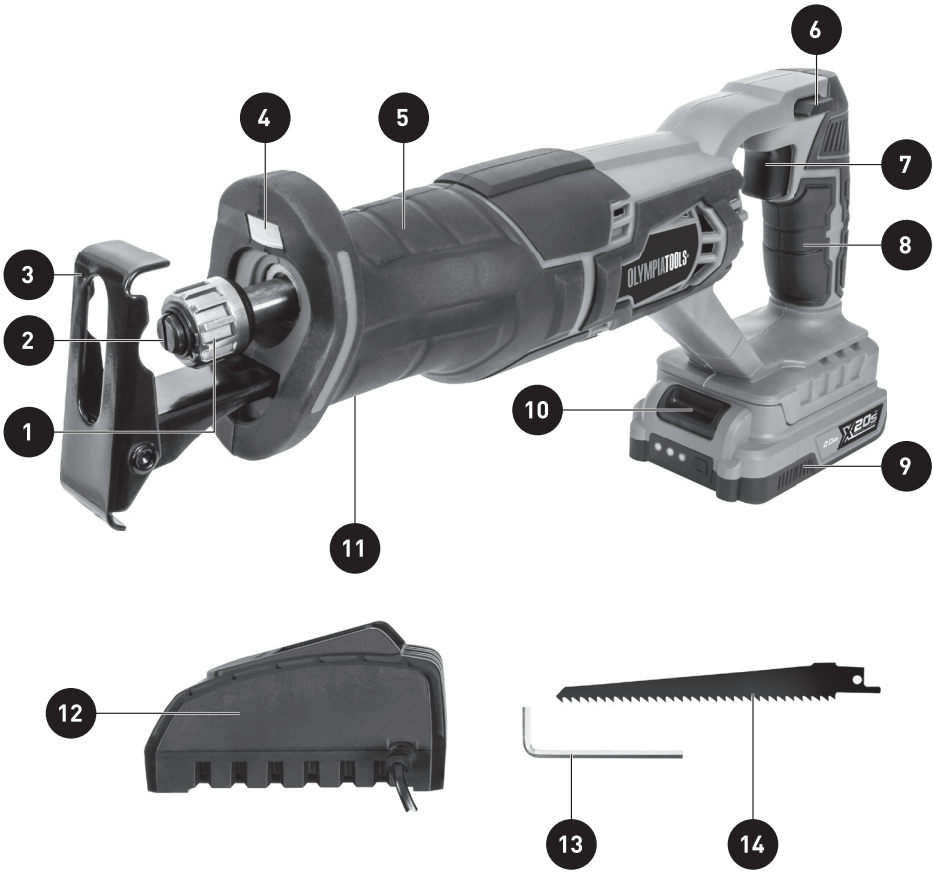
Read all safety warnings and instructions. Failure to follow warnings and instructions may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference.

This appliance can only be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. 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.

1. Before charging, read the instructions.
2. After charging, disconnect the battery charger from the supply mains. Then remove the chassis connection and then the battery connection.
3. Do not charge a leaking battery.
4. Do not use chargers for works other than those for which they are designed.
5. Before charging, ensure charger matches the local AC supply.

6. For indoor use, do not expose to rain.
7. The charging device must be protected from moisture.
8. Do not use the charging device in the open.
9. Do not short out the contacts of battery or charger.
10. Respect the polarity "+/-" when charging.
11. Do not open the unit and keep out of the reach of children.
12. Do not charge the batteries of other manufactures or ill-suited models.
13. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
14. Check battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
15. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge batteries. Ensure that batteries and chargers are not left unsupervised during charging.
16. Do not recharge non-rechargeable batteries, as they can overheat and break.
17. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18ºC and 24ºC. Do not charge the battery pack in air temperatures below 4ºC, or above 40ºC. This is important as it can prevent serious damage to the battery pack.
18. Charge only battery packs of the same model provided by manufacturer and of models recommended by manufacturer.

IN THE BOX



1. Blade holder
2. Blade clamp
3. Adjustable base
4. LED work light
5. Hand grip area
6. Safety lock-off button
7. On/off switch
8. Hand grip area
9. 1x X20S™ 2.0Ah battery
10. Battery pack release button
11. Base adjustment
12. 1x X20S™ Fast charger
13. Hex key
14. 1x Blade (for wood)

OPERATION INSTRUCTIONS

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

Intended use

This tool is intended for sawing wood, plastic, metal and building materials while resting firmly on the workpiece. It is suitable for straight and curved cuts. The saw blade recommendations are to be observed.

Charging the battery pack (See fig. A)

Before putting into operation charge the tool or battery pack.

1. **Do not use any charger other than that specifically provided for use with the equipment.**
2. **If the battery pack is very hot you must remove your battery pack from the charger and allow time for the battery to cool down before recharging.**
3. **The battery in your new tool is not charged when it leaves the plant. Therefore it must be fully charged before using the first time.**
4. **Please charge the battery to reach full or no less than half charge before storage. If the tool will not be used for long periods of time, charge the battery every 3-6 months.**

Plug the charger into a suitable power outlet before inserting the battery. Slide the battery pack into the charger ensuring that it is firmly seated and locked in place. The red (charging) light will illuminate and indicates that the charging process is in progress. A green light indicates that charging is complete. Remove the plug from the power outlet and slide the battery pack from the charger. The battery is ready for use.

⚠ WARNING!

When charging, the charger and battery may become warm to the touch, this is normal and does not indicate a problem.

When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the tool to cool down before re-charging to achieve the full charge.

Fig. A

Installing and removing the battery pack (See fig. B)

⚠ WARNING!

Before inserting or removing the battery pack, always make sure the On/off switch (7) is locked by checking the safety lock-off button (6) is in the centre position.

1. **To remove the battery pack**
   Press the battery pack release button (10) firmly first and then slide the battery pack out from your tool.
2. **To install the battery pack**
   Slide the fully charged battery pack onto the tool with sufficient force until it clicks into position.

Fig. B

Assembly

⚠ WARNING!

Remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. When mounting the saw blade, wear protective gloves. Danger of injury when touching the saw blade. When changing the saw blade take care that the saw blade holder is free of material residue, e.g. wood or metal shavings.

Selecting the right saw blade (See fig. C)

⚠ WARNING!

Always use saw blades according to their intended use. For example, never use a saw blade intended for working on wood for working on metal or vice versa.

Use only saw blades with single-nose shank (See fig. C). The saw blade should not be longer than required for the intended cut. Use a thin saw blade for narrow curve cuts.

Fig. C

Inserting the saw blade (See fig. D)

⚠ WARNING!

Remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

⚠ WARNING!

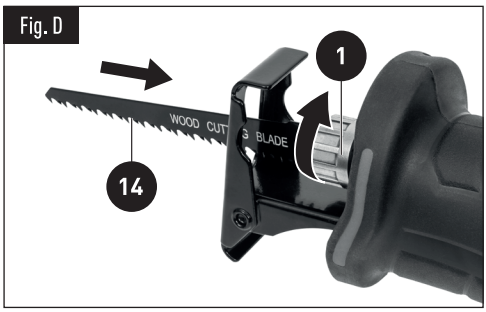
Risk of injury (cuts from sharp edges). There is a danger of cutting even with a stationary tool. Wear gloves when changing blades.

⚠ WARNING!

Check the tight seating of the saw blade. A loose saw blade can fall out and lead to injuries. For certain work, the saw blade (14) can also be turned through 180° (with the teeth pointed upwards) and reinserted again.

Rotate the blade holder (1) counterclockwise and hold it in that position. Insert the blade (14) into the blade clamp (2) and release the blade holder. Ensure the blade is locked securely in place.

Fig. D



Removing the saw blade (See fig. E)

⚠ WARNING!

Remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

⚠ WARNING!

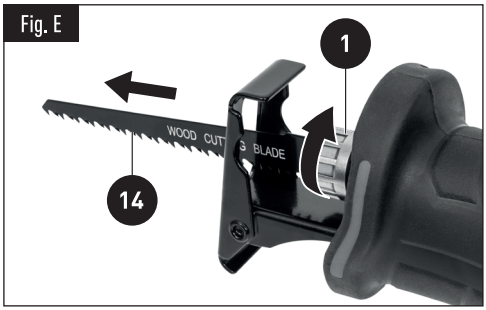
Risk of burns. The tool may still be hot on completion of the work, There is a risk of burning. Allow a hot tool to cool down. Never clean a hot tool with flammable liquids.

⚠ WARNING!

Risk of injury (cuts from sharp edges). There is a danger of cutting even with a stationary tool. Wear gloves when changing blades.

Rotate the blade holder (1) counterclockwise and hold. Pull the blade (14) out and release the blade holder.

Fig. E



Safety lock-off switch (See fig. F)

⚠ WARNING!

Before inserting or removing the battery pack, always make sure the On/off switch (7) is locked by checking the safety lock-off button (6) is in the centre position.

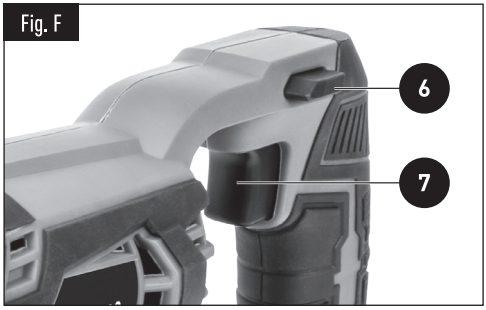
⚠ WARNING!

After operation, always switch off the tool and wait until the blade has come to a complete stop before putting the tool down.

Switching on:

1. Unlock the On/off switch (7) by pushing the safety lock-off button (6) either to the left or right. The On/off switch is locked when the safety lock-off button is in the centre position.
2. Turn on the reciprocating saw by depressing the On/off switch.

Fig. F



Switching off:

Turn off the reciprocating saw by releasing the On/off switch (7), making sure the safety lock-off button (6) is in the centre position.

Variable speed control

The On/off switch (7) is also a variable speed switch that delivers higher speed and torque. Speed is controlled by the amount of pressure exerted on the On/off switch.

⚠ WARNING!

Do not operate for long periods at low speed because excess heat will be produced internally.

Using the LED work light

The LED work light will illuminate when the trigger switch is depressed slightly, and will automatically turn off a short while after the trigger switch is released. This provides additional light on the surface of the workpiece for operation in lower light situations.

Adjusting the base (See fig. G1, G2)

⚠ WARNING!

Remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

The adjustable base (3) must be held firmly against the material being cut to reduce saw vibration, blade jumping and blade breakage.

If you need to reduce the cutting capacity of your tool (depth of cut), the base (3) may be adjusted as follows. Loosen the two securing screws (a) on the underside of the front housing with a hex key (13). Slide the adjustable base to the required position. Tighten both screws (a) and check that the adjustable base is firmly latched (See fig. G1, G2).

Fig. G1

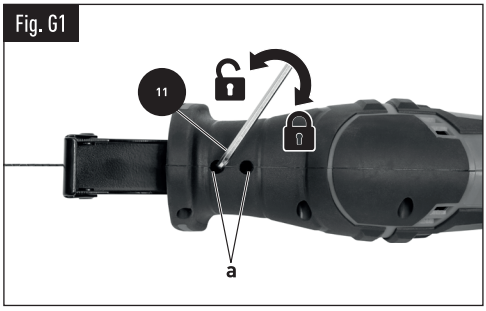
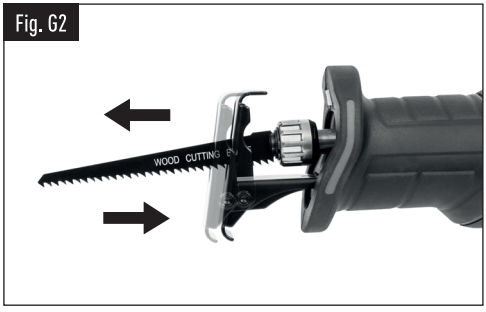


Fig. G2



Checking the battery pack capacity (See fig. H)

Check the battery capacity via the coloured LEDs.
Press the button and check the LEDs:

Light	Status
1 green light on	Battery too low
2 green lights on	Battery half charged
3 green lights on	Battery fully charged

Fig. H

Disposal of an exhausted battery pack

Olympia Tools provides a facility for the collection and recycling of rechargeable LI-ION batteries once they have reached the end of their working life. To dispose of your battery please return to any Olympia Tools stockist who will collect them on our behalf. Alternatively consult your local waste authority for information regarding available recycling and/or disposal options. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.

Discharge your battery pack by operating your reciprocating saw, then remove the battery pack from the reciprocating saw housing and cover the battery pack connections with heavy-duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.

LI-ION

Overload protection

When overloaded, the motor comes to a stop. Relieve the load on the tool immediately and release the On/off switch. Restart the tool as normal.

Temperature dependent overload protection

When used as intended the power tool cannot be subject to overload. When the load is too high or the allowable battery temperature is too hot, the electronic control switches off the power tool until the temperature is in the optimum temperature range again.

Protection against deep discharging

The LI-ION battery is protected against deep discharging by the "Discharging Protection System". When the battery is empty, the tool is switched off by means of a protective circuit. The reciprocating saw will no longer rotate. Remove the battery and recharge.

Useful tips

General

1. If your power tool becomes too hot, set the speed to maximum and run a no-load for 2-3 minutes to cool the motor.
2. Always ensure the work-piece is firmly held or clamped to prevent movement.
3. The blade guard must be held firmly against the material being cut to reduce saw vibration, blade jumping and blade breakage.

Plunge cutting (See fig. I1, I2)

⚠ WARNING!

The plunge cutting procedure is only suitable for cutting soft materials such as wood, plaster board or similar! Do not work metal materials with the plunge cutting procedure!

Use only short saw blades for plunge cutting.

Place the tool with the edge of the adjustable base (3) onto the workpiece and switch on. For power tools with stroke speed control, set the maximum stroke speed. Press the power tool firmly against the workpiece and allow the saw blade to slowly plunge into the workpiece.

As soon as adjustable base (3) fully lays on the surface of the workpiece, continue sawing along the desired cutting line. For certain work, the saw blade (14) can also be inserted turned through by 180° and the reciprocating saw can be guided accordingly in reverse.

Fig. I1

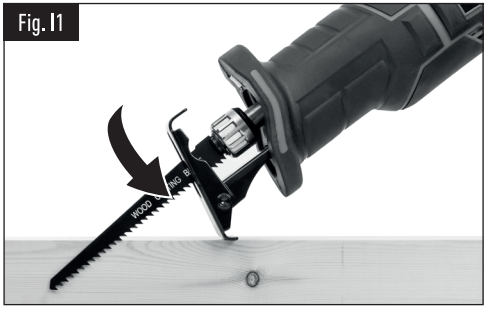
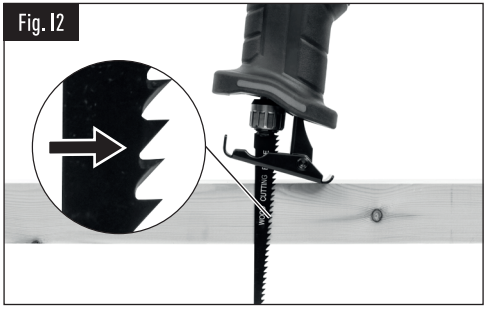


Fig. I2



Flush cutting (See fig. J1, J2)

⚠ WARNING!

Pay attention that the saw blade always extends beyond the diameter of the material being worked. There is danger of kickback.

It is possible to make cuts extremely close to floors, walls and other difficult areas. Insert the blade shank into the blade clamp (2) with the blade teeth facing up (opposite to normal working position). This will make cuts closer to the work surface. Using special flexible blades insert the blade into the blade clamp with the blade teeth facing down (normal working position). It will allow flush pipe cutting.

Fig. J1

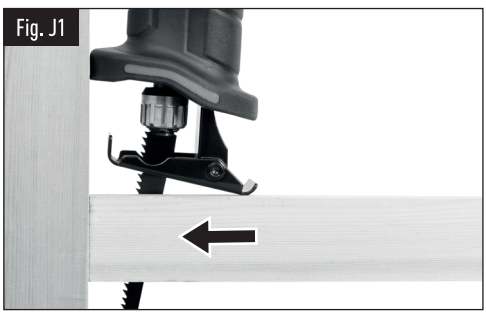
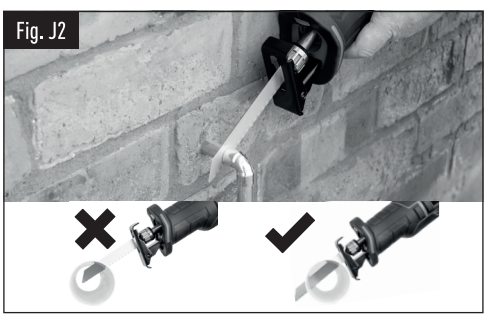


Fig. J2



Wood cutting

For easier control use low speed to start cutting, then increase to the correct speed.

Metal cutting

This saw has different metal cutting capacities depending upon the type of blade being used and metal being cut.

Use a finer blade for ferrous metals and a coarse blade for non-ferrous metals. When cutting thin gauge sheet metals, **ALWAYS** clamp wood on both sides of the sheet. This will give you a clean cut without excess vibration or tearing of the metal. **DO NOT** force the cutting blade. Forcing the blade will reduce blade life and cause the blade to break.

We recommend that you spread a thin film of oil or other coolant along the line of cut ahead of the saw. This will allow easier operation and help extend blade life. When cutting aluminium, use kerosene.

TROUBLE SHOOTING

Reasons for different battery pack working times?

Prolonged storage of a battery pack without use will reduce the battery pack working time. This can be corrected after several charge and discharge operations by charging and working with your reciprocating saw. Heavy working conditions will use up the battery pack energy faster than lighter working conditions. Do not re-charge your battery pack below 0°C and above 45°C as this will affect performance.

MAINTENANCE

Your 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.

Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

TECHNICAL SPECIFICATIONS

Reciprocating saw

Model	TC8217_20 (X20SRS1)
Code	09-950
Battery voltage	20V ⎓
Battery capacity	1x X20S™ 2.0Ah LI-ION 40Wh
Charge time	1 hour
Stroke rate (no-load)	0-2800/min
Stroke height	22mm
Max. cutting depth (steel)	22mm
Max. cutting depth (wood)	100mm
Weight	2.07kg

Battery pack

Model	JH002-20V (X20SB2)
Code	09-980
Battery voltage	20V ⎓
Battery capacity	2.0Ah LI-ION 40Wh

Battery pack charger

Model	XZ2000-2400KSB (X20SFC)
Code	09-990
Input	220-240V~50-60Hz 65W
Output	DC20V ⎓ 2.4A
Charging time	1 hour
Protection class II	⧈
For indoor use only	⌂

Noise/vibration information

Noise

A weighted sound pressure	L_{pA}: 81.93dB(A)
A weighted sound power	L_{wA}: 92.93dB(A)
	K_{pA} and K_{wA} =5.0dB(A)

⚠ WARNING!

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

Vibration

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

Cutting boards	Vibration emission value $a_{h,B}$ = 14.0/s^2 (front handle)
	Vibration emission value $a_{h,B}$ = 12.3/s^2 (rear handle)
	Uncertainty K = 1.5m/s^2
Cutting wooden beams	Vibration emission value $a_{h,WB}$ = 10.5/s^2 (front handle)
	Vibration emission value $a_{h,WB}$ = 16.8/s^2 (rear handle)
	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.

ALWAYS use sharp chisels, drills and blades.

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.

Batteries

Olympia Tools provides a facility for the collection and recycling of rechargeable LI-ION batteries once they have reached the end of their working life. To dispose of your battery please return to any Olympia Tools stockist who will collect on our behalf. Alternatively consult your local waste authority for information regarding available recycling and/ or disposal options. Your battery will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.

LI-ION

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.

TRANSPORT

⚠ WARNING!

LI-ION batteries are subject to Dangerous Goods Legislation.

The process for shipping LI-ION batteries can be difficult. There are many regulations you need to adhere to, and specific packaging and labelling instructions you need to follow when sending LI-ION batteries by ground or air via a third party (air freight, courier, etc.)

Ensure you take account of UN3481 regulations and any more detailed national regulations. If in doubt, contact the service provider you have chosen to ship your LI-ION batteries or consult an expert for hazardous material.

⚠ WARNING!

- Make sure your LI-ION battery is contained in its associated device
- Seal the On/off switches and any electrical terminals with tape
- Place your device in a plastic bag before packaging it
- Make sure you attach the correct shipping label for the service you're using to ship your LI-ION batteries
- You are responsible for ensuring all documentation is correct
- Make sure your package is secure and will not break if it is dropped
- Use as much hard-wearing packaging as you can
- You are not allowed to ship faulty LI-ION batteries
- Batteries can be transported by road without further requirements

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: **X20S™ Reciprocating Saw 1x 2Ah**

Model: **TC8217_20 (X20SRS1)**

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

3. Object of the declaration

Product: **X20S™ Reciprocating Saw 1x 2Ah**

Model: **TC8217_20 (X20SRS1)**

Rated voltage: **20V**

4. This X20S™ Reciprocating Saw 1x 2Ah model number TC8217_20 (X20SRS1), 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

BS EN 62841-2-11:2016+A1

BS EN 55014-1:2017+A11

BS EN 55014-2:1997+A1+A2

BS 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,12,2021

EU DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **X20S™ Reciprocating Saw 1x 2Ah**

Model: **TC8217_20 (X20SRS1)**

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

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3. Object of the declaration

Product: **X20S™ Reciprocating Saw 1x 2Ah**

Model: **TC8217_20 (X20SRS1)**

Rated voltage: **20V**

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4. This X20S™ Reciprocating Saw 1x 2Ah model number TC8217_20 (X20SRS1) 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 62841-2-11:2016+A1:2020

EN 55014-1:2017+A11

EN 55014-2:2015

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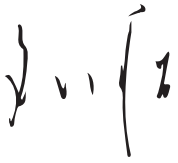
5. This declaration is made under the sole responsibility of:
SUMEC HARDWARE AND TOOLS CO., LTD.
No. 1 Xinghuo Road, Jiangbei New Arga, Nanjing, Jiansu, 210061 China

Chief Engineer
Wenjun

Date: Jul,09,2021



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