OLYMPIATOOLS®

USER MANUAL

800W SDS-PLUS ROTARY HAMMER

RH800



UK CA CE

CONTENTS

SAFETY INFORMATION 3-5

SAFETY WARNING SYMBOLS 3
- Safety warning symbols - SDS-plus rotary hammer 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

SAFETY WARNINGS - SDS-PLUS ROTARY HAMMER 5

IN THE BOX 6

OPERATION INSTRUCTIONS 7-9
- Intended use 7
- Side handle 7
- Installing the depth gauge 7
- Inserting bits 7
- Removing bits 7
- Rotary drilling function 8
- Hammer drilling function 8
- Hammer only function 8
- On/off Switch 8
- Switch lock-on button 8
- Variable speed control 8
- Forward and reverse rotation control 8
- Useful tips 9

TROUBLE SHOOTING 9
- If your power tool does not start 9
- If your rotary hammer becomes too hot 9
- If work efficiency is too low 9
- If a fault can not be rectified 9

MAINTENANCE 9

TECHNICAL SPECIFICATIONS 10-11
- SDS-plus rotary hammer 10
- Noise 10
- Vibration 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 hammer drill.

⚠ 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 - SDS-plus rotary hammer



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 INFORMATION



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

SAFETY WARNINGS - SDS-PLUS ROTARY HAMMER

1. **Wear ear protectors when hammer drilling or chiselling.** Exposure to noise can cause hearing loss.
2. **Always wear a suitable dust mask.**
3. **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
4. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

IN THE BOX



1. SDS-plus tool holder
2. Locking sleeve
3. Function selector
3. Function selector
4. Carrying case
5. Function lock
6. Depth gauge
7. Forward/reverse switch
8. On/off switch
9. Switch lock-on button
10. Side handle

OPERATION INSTRUCTIONS

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

Intended use

This tool is intended for hammer drilling into concrete, brick and stone as well as for light chiselling work. It is also suitable for drilling without impact in wood.

Side handle (See fig. A1 and A2)

Slide the handle onto the drill and rotate to the desired working position (See fig. A1). Make sure that the teeth on the grip fit in the protrusions on the handle collar.

To tighten, rotate the bottom section of the handle anti-clockwise. To loosen, rotate the bottom section of the handle clockwise (See fig. A2).

Fig. A1

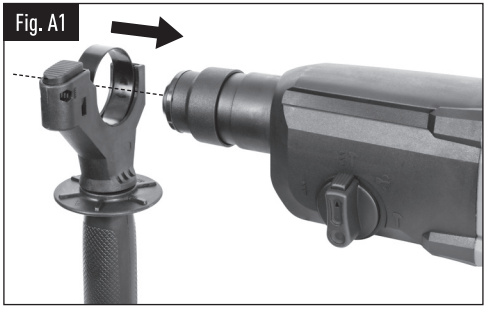
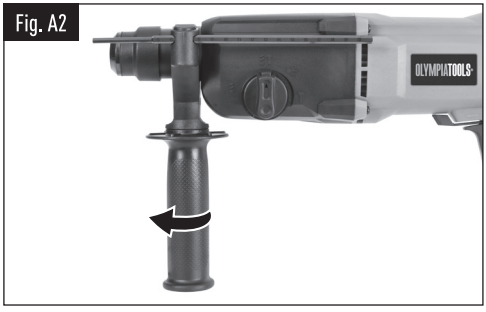


Fig. A2



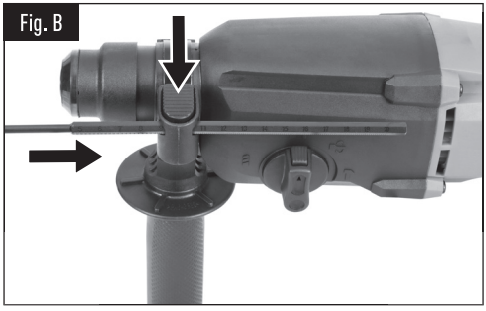
⚠ WARNING!

Always check and rotate the handle tightly before use to avoid any accident.

Installing the depth gauge (See fig. B)

The depth gauge can be used to set a constant depth to drill. To use the depth gauge, press the button on the top of the handle and insert the depth gauge through hole. Slide the depth gauge to required depth and release the button.

Fig. B



Inserting bits (See fig. C)

Clean the bit shank and apply grease before installing the bit. Insert the drill bit into the SDS-plus tool holder (1) using a twisting action, until it latches itself. Check the drill bit is latched in place by pulling on it.

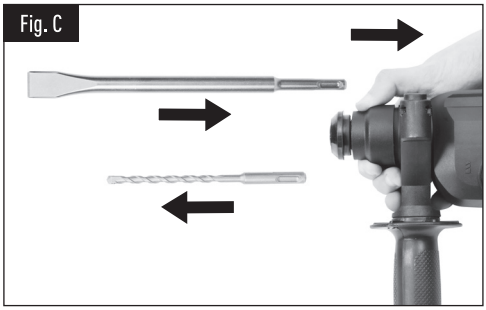
Removing bits (See fig. C)

Pull back the locking sleeve and remove the bit.

⚠ WARNING!

Your new SDS-plus rotary hammer generates powerful forces to get the job done quickly and effectively. These forces may cause inferior quality SDS-plus bits to break and jam in the chuck. We therefore recommend that only high quality SDS-plus bits be used with this tool.

Fig. C



Rotary drilling function (See fig. D)

Press the function lock button and rotate the function selector switch until it points to the symbol. The tool can now be used for rotary drilling.

Hammer drilling function (See fig. D)

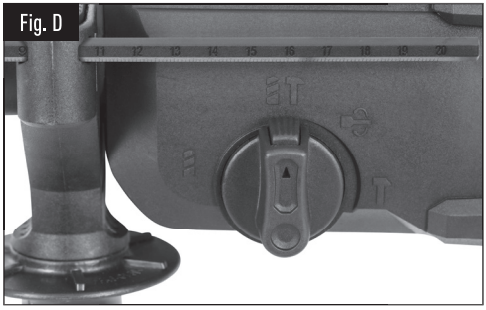
Press the function lock button and rotate the function selector switch until it points to the symbol. The tool can now be used for hammer drilling.

Hammer only function (See fig. D)

Press the function lock button and rotate the function selector switch until it points to the symbol. The tool can now be used for light chipping, chiselling and demolition applications.

The feature is used to rotate the tool to the required position. To chisel, the switch must be set to the position.

Fig. D



On/off Switch (See fig. E)

Depress the switch (a) to start the tool and release it to stop the tool.

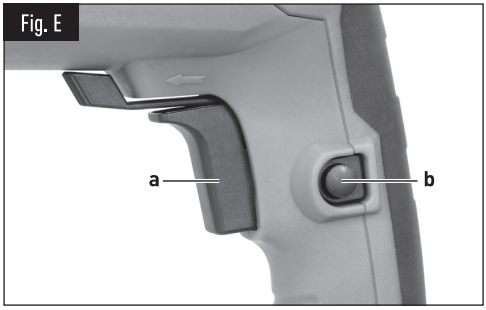
Switch lock-on button (See fig. E)

Press the On/off switch (a). For continuous operation, press the switch lock-on button (b) then release the On/off switch. Press the On/off switch again to release the switch lock-on button and the product switches off.

Variable speed control (See fig. E)

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

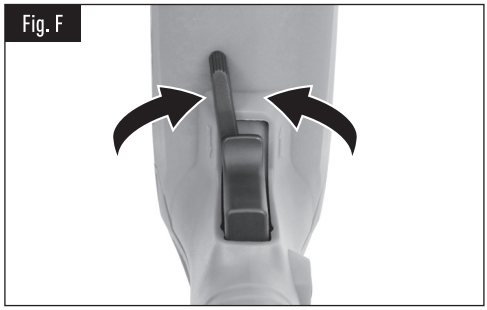
Fig. E



Forward and reverse switch (See fig. F)

To change the rotational direction, push the forward/reverse switch to the right position (as viewed from the side of the drill). The rotation will now be forward rotation. Push the forward/reverse selector switch to the left position The rotation will be backward rotation.

Fig. F



⚠ WARNING!

Never change the direction of rotation when the tool is rotating, wait until it has stopped.

Useful tips

1. Reduce the pressure on the drill bit when it is about to break through. This will prevent the drill from jamming.
2. When drilling a large hole, first drill a pilot hole using a smaller drill bit.
3. Always apply pressure to your drill bit in a straight line, and if possible at right angles to the workpiece.
4. Never change the operating mode whilst the rotary hammer is running.
5. Do not apply excessive pressure to the tool when chiselling. Expressive force does not speed up the work.

TROUBLE SHOOTING

If your power tool does not start

Check the plug on the power supply first.

If your hammer becomes too hot in use

Set the hammer switch to the drill mode and allow the machine to operate at maximum speed without load for 2 minutes.

If your hammer work efficiency is too low

Please add sufficient grease in the grease box and check the drill bit or chisel to make sure it is not blunt or worn.

If a fault can not be rectified

Return the tool to an authorized 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.

Occasionally you may see sparks through 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

SDS-plus rotary hammer

Model	Z1C-DS-26G (RH800)
Code	09-040
Mains supply	230V-240V~50Hz
Power input	800W
No-load speed	1000/min
Impact rate	5000bpm
Impact energy	2.5J
Drill chuck	SDS-plus
Max. drilling Ø (concrete)	24mm
Max. drilling Ø (steel)	13mm
Max. drilling Ø (wood)	40mm
Protection class II	⧈
Weight	3.60kg

Noise/vibration information

Noise

A weighted sound pressure	L_{pA}: 89.4dB(A)
A weighted sound power	L_{wA}: 100.4dB(A)
	K_{pA} and K_{wA} =3.0dB(A)

⚠ WARNING!

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

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.

Vibration

Vibration total values (triax vector sum) determined according to EN 60745:

Hammer drilling into concrete	Vibration emission value a_h = 14.936m/s^2
	Uncertainty K = 1.5m/s^2
Chiselling into concrete	Vibration emission value a_h = 14.898m/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.

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 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)

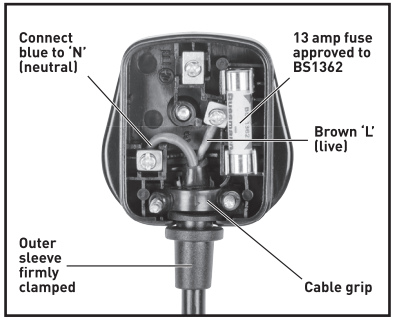
If you need to replace the fitted plug then follow the instructions below.

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: **800W SDS-Plus rotary hammer**

Model: **Z1C-DS-26G (RH800)**

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

3. Object of the declaration

Product: **800W SDS-Plus rotary hammer**

Model: **Z1C-DS-26G (RH800)**

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

4. This 800W SDS-Plus rotary hammer, model number Z1C-DS-26G (RH800), 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 60745-1:2009+A11:2010	BS EN 55014-2:2015
BS EN 60745-2-6:2010	BS EN IEC 61000-3-2:2019
BS EN 55014-1:2017+A11:2020	BS 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,20,2021

EU DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **800W SDS-Plus rotary hammer**

Model: **Z1C-DS-26G (RH800)**

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

---

3. Object of the declaration

Product: **800W SDS-Plus rotary hammer**

Model: **Z1C-DS-26G (RH800)**

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

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4. This 800W SDS-Plus rotary hammer, model number Z1C-DS-26G (RH800), 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:

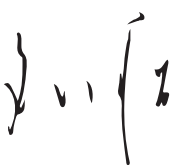
EN 60745-1:2009+A11:2010
EN 60745-2-6:2010
EN 55014-1:2017
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

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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: Jun,12,2019



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