SOVEREIGN

# 550W IMPACT DRILL

Item No. 594458
Model No. YT2115A


Technical Support & Parts
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## ORIGINAL INSTRUCTION MANUAL

Please read these instructions fully before starting assembly.

HHGL Limited, MK9 1BA; HHGL (ROI) Limited, D02 X576 Mar 21

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# GENERAL SAFETY INFORMATION

**WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.**

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

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

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

## 1) Work area safety

a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

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

## 2) Electrical safety

a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power**

**tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

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

d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

f. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

**3) Personal safety**

a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol**

**or medication.** A moment of inattention while operating power tools may result in serious personal injury.

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

c. **Prevent unintentional starting. Ensure the switch is in the 'off' position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

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

f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust-related hazards.

h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

**4) Power tool use and care**

a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

e. **Maintain power tools. Check for misalignment 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.

f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

h. **Keep handles and gripping surfaces dry, clean and free from oil and grease.** Slippery handles and gripping surfaces do not allow for safe handling and control of the tool in unexpected situations.

## Service

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

## IMPACT DRILL SAFETY WARNINGS

1. **Wear ear protectors when impact drilling.** Exposure to noise can cause hearing loss.
2. **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
3. **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.
4. **Always be sure you have a firm footing.** Be sure no one is below when using the tool in high locations.
5. **Hold the tool firmly with both hands.**
6. **Keep hands away from rotating parts.**
7. **Do not leave the tool running. Operate the tool only when hand-held.**
8. **Do not touch the bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**
9. **Some material contains chemicals which may be toxic.** Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.

# WARNING SYMBOLS

Warning!

Read the instructions

Wear ear protection

Wear eye protection

Wear a dust mask

Class II tool

The product complies with the applicable European directives, and an evaluation method of conformity for these directives was done.

Recycle unwanted materials instead of disposing of them as household waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

The product complies with the applicable UK directives, and an evaluation method of conformity for these directives was followed.

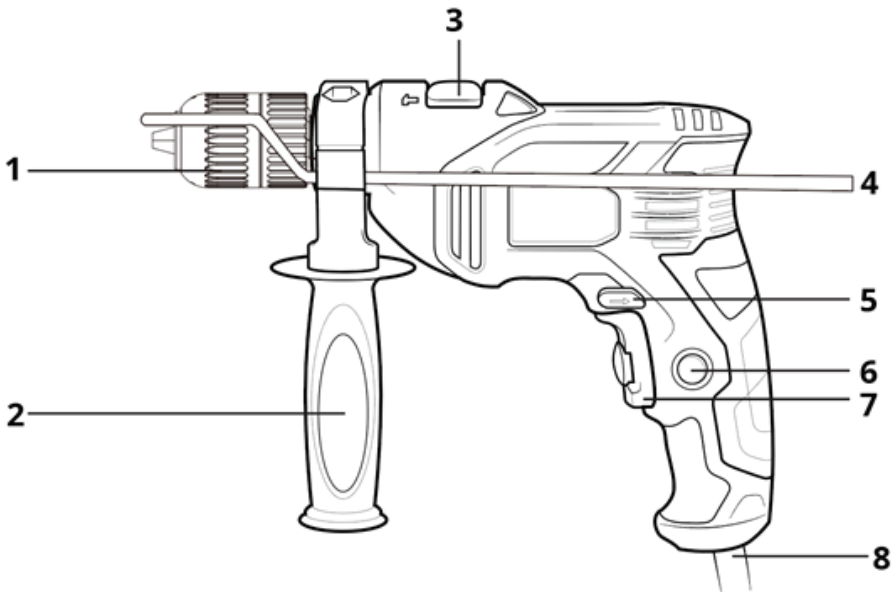
# IN THE BOX

## Description

1. 13mm plastic chuck
2. Auxiliary handle
3. Drill/hammer selector switch
4. Depth gauge
5. Forward/reverse switch
6. Switch lock-on button
7. Variable speed switch
8. Power cord

## Accessories

1pc Auxiliary handle
1pc Metal depth gauge



# OPERATION

**NOTE: Before using the tool, read the instruction book carefully.**

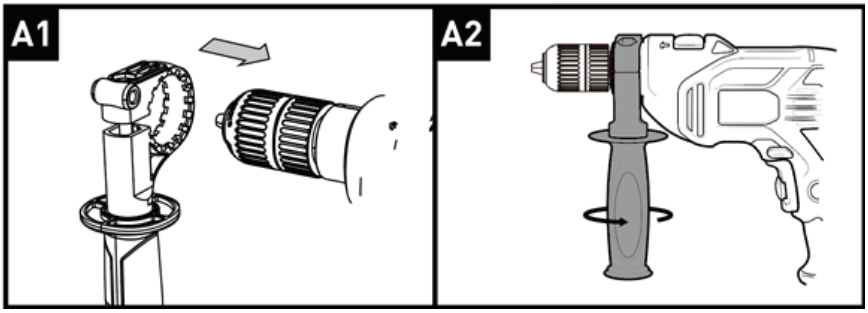
## Intended Use

The machine is intended for impact drilling in brick, concrete and stone, as well as for drilling in wood, metal and plastic.

### Attach the auxiliary handle (FIG. A)

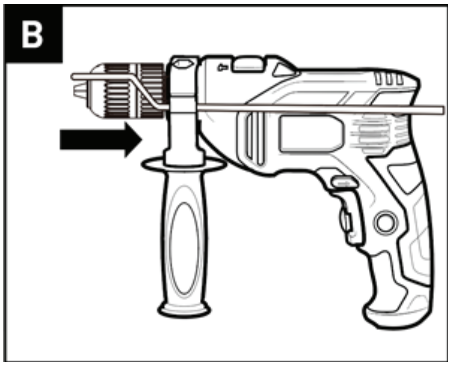
1. Loosen the auxiliary handle grip by rotating it anticlockwise.
2. Slide the collar of the auxiliary handle over the chuck and onto the auxiliary handle collar mount of the drill, and rotate to the desired working position.
3. Secure the auxiliary handle by turning the auxiliary handle grip clockwise; make sure that the teeth on the grip fit in the protrusions on the handle collar.

**WARNING!** Always check and rotate the handle tightly before using to avoid any accident.



## Installing the depth gauge (FIG. B)

1. Loosen the auxiliary handle by turning it anticlockwise.
2. Insert the depth gauge into the hole in the side handle and adjust so that the drill bit extends beyond the end of the rod to the required drilling depth.
3. Lock the depth gauge in position by turning the auxiliary handle clockwise.

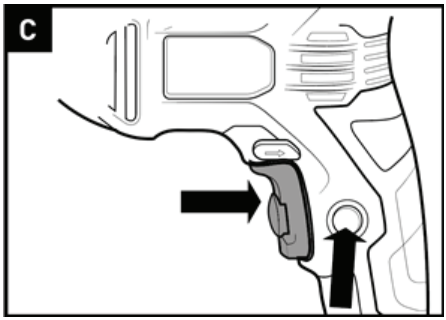



## On/Off switch

Depress the switch to start the tool, and release it to stop your tool.

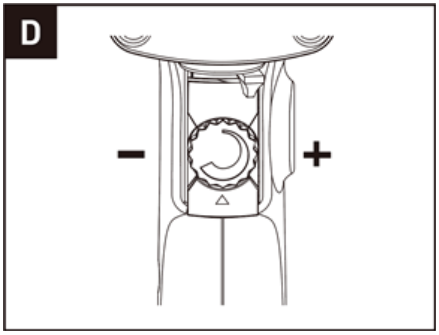
## Switch lock-on button (FIG. C)

Depress the on/off switch then the lock-on button, the release on/off switch first and lock-on button second. Your switch is now locked on for continuous use. To switch off your tool, just depress and release the on/off switch.




**Variable Speed control (FIG. D)**

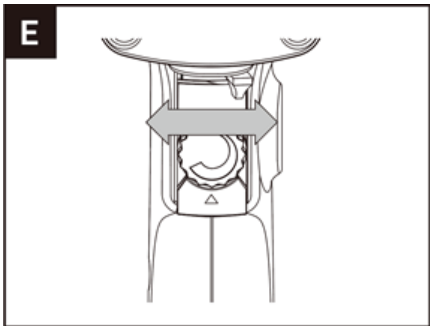
Adjust the variable speed control to increase or decrease the speed according to the material and accessory to be used (also possible during no load operation). Low speed will provide low torque and high speed gives higher torque.




**Forward/reverse rotation control (FIG. E)**

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

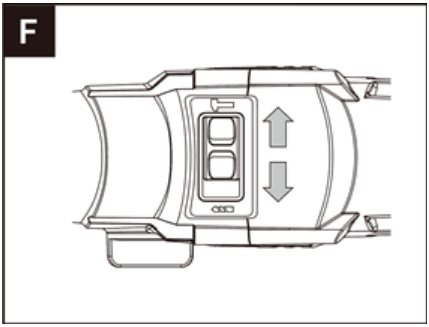
**WARNING!** Never change the direction of rotation when the tool is rotating, wait until it has stopped.




**Adjusting between hammer and drill mode of operation (FIG. F)**

1. Move the drill/hammer selector switch to the left (hammer icon) to select the hammer mode.
2. Move the drill/hammer selector switch to the right (drill bit icon) to select the drill mode.

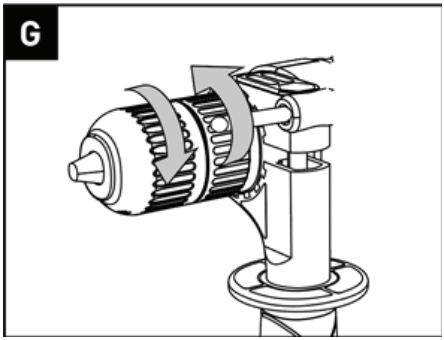
**Note:** When drilling in hammer mode, carbide tipped drill bits should be used and the drill must be set to rotate in the forward rotation.




**Inserting a bit (FIG. G)**

**WARNING!** Remove the plug from the mains supply before carrying out any adjustment, servicing or maintenance. Do not attempt to tighten drill bits (or any other accessory) by gripping the front part of the chuck and turning the tool on. Damage to the chuck and personal injury may result.

To open the chuck jaws, rotate the front section of the chuck while holding the rear section. Insert the drill bit between the chuck jaws and rotate the front section in the opposite direction while holding the rear section. Ensure that the drill bit is in the centre of the chuck jaws. Finally, firmly rotate the two separate chuck sections in opposite directions. Your drill bit is now locked in the chuck.




**Drilling in all materials**

1. Always use sharp drill bits.
2. Mark the place where the hole is to be drilled.
3. Commence with a slow speed to start the hole then increase the speed once the hole has been started. Reduce your pressure on the tool when the drill bit is about to break through the material.

**Drilling in metal**

1. Move the mode selector to the right (drill bit icon) to select the drill mode.
2. Support thin material on a scrap piece of wood.
3. Use a punch to mark the position of the hole. Careful use of the variable speed feature allows you to start holes without centre punching. Operate the drill at a low speed until you start the hole.
4. If drilling a large hole use a small drill bit at first to establish

a pilot hole then use the required large sized drill bit.

5. Use only HSS (high speed steel) drill bits or those recommended for metal use.
6. When drilling into iron or steel, use a cooling lubricant, such as thin oil.
7. With aluminium, use turpentine or paraffin.
8. With brass, copper and cast iron, use no lubricant but withdraw the drill regularly to assist cooling.

**Drilling in wood**

1. Move the mode selector to the right (drill bit icon) to select the drill mode.
2. Mark the place where you want to drill with a punch or nail.
3. To avoid splintering on breakthrough, either clamp a piece of scrap wood to the back of the workpiece or continue the hole from the back of the workpiece when the drill bit first breaks through.

**Hammer drilling in masonry**

1. Move the mode selector to the left (hammer icon) to select the hammer mode.
2. Hold the drill firmly and place the bit at the point to be drilled.
3. Depress the switch to start the drill.
4. Move the drill bit into the workpiece, applying only enough pressure to keep the bit cutting.

**Note:** Do not force the drill or apply side pressure to elongate a hole. Let the drill and bit do the work.

5. If the bit jams in the workpiece or if the drill stalls, stop the tool immediately. Remove the bit from the workpiece and determine the reason for jamming.

# MAINTENANCE AND STORAGE

**IMPORTANT:**

Make sure that the tool has been thoroughly cleaned before storing it in a clean, dry and safe place, out of the reach of children.

1. Switch the product 'OFF' and disconnect it from the power supply before transporting it anywhere.
2. Always carry the product on its gripping surfaces.
3. Protect the product from any heavy impact or strong vibrations; which may occur during transportation in vehicles.
4. Secure the product to prevent it from slipping or falling over.

# TECHNICAL DATA

| **Model** | **YT2115A** |
|---|---|
| Voltage/power | 220-240V~ 50Hz /550W |
| No-load speed | 0-3000r/min |
| Blows per minute | 48000BPM |
| Chuck capacity | Max. 13mm |
| Protection class | II / ⧈ |
| Weight | 1.8kg |
| **Noise and vibration data** | |
| A weighted sound pressure ($L_{pA}$) | 92 dB(A), k=3dB(A) |
| A weighted sound power ($L_{wA}$) | 103 dB(A), k=3dB(A) |
| Vibrations | |
| Drill into metal | $a_{h,D}$=4.95 m/s$^2$, K=1,5 m/s$^2$ |
| Impact drill into concrete | $a_{h,ID}$=16.17 m/s$^2$, K=1,5 m/s$^2$ |

The sound intensity level for the operator may exceed 80 dB(A) and ear protection measures are necessary.

The declared vibration value has been measured in accordance with a standard test method (according to EN 60745) and may be used for comparing one product with another. The declared vibration value 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 and dependant on the following examples and other variations on how the tool is used: How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained. Using the correct accessory for the tool and ensuring it is sharp and in good condition.

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

And the tool is being used as intended by its design and these instructions.

**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.

Helping to minimise your vibration exposure risk.

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.

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

# RECYCLING AND DISPOSAL

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

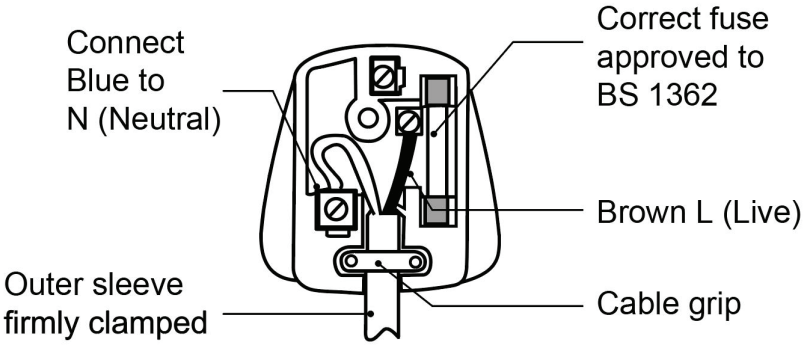
# UK PLUG

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

**WARNING!** Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved 13Amp BS1363/A plug and the correct rated fuse.

As the colours of the wire in the mains lead of this product may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The blue wire must be connected to the terminal marked N or coloured black. The brown wire must be connected to the terminal marked L or coloured red.



# GETTING HELP

Our dedicated UK-based customer helpline is open 7 days a week to assist you with assembly, parts queries and technical support. We are open during office hours but you can always send an email via **support@coreservice.co.uk**. Our experts are here to get you back enjoying your garden in no time.

For useful assembly, starting and maintenance videos, and ordering spares, please visit **www.coreservice.co.uk**.

Calling our service does not affect your statutory rights.

# WARRANTY

This product is covered by a 1 year warranty.

The warranty covers any manufacturing defect in materials, workmanship and finish.

Any claim under this warranty must be made by going to your nearest Homebase store, taking your proof of purchase with you, and claims must be made within 12 months of the date of purchase.

We will offer you a free repair of the item where this is possible, or a replacement or a refund. Your statutory rights remain unaffected, in particular any rights you may have under the Consumer Rights Act 2015.

This warranty is given by HHGL Limited, MK9 1BA; HHGL (ROI) Limited, D02 X576.

Please note: This warranty does not apply to products misused or neglected and only covers domestic use. It does not apply to commercial use of the product. In addition, the warranty will be void for the following reasons: Any damage resulting from product misuse or product neglect.