Ø13MM VARIABLE SPEED HAMMER DRILL 750W

MODEL NO: **SD750.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.


Refer to instructions


Wear eye protection


Wear protective gloves


Wear ear protection


Keep in dry area protect from rain


Wear a mask


Warning: Electricity shock hazard

1. SAFETY

1.1. ELECTRICAL SAFETY

- ❑ **WARNING!** It is the user's responsibility to check the following:
- ✓ Check all electrical equipment and appliances to ensure that they are safe before using.
- ✓ Inspect power supply leads, plugs and all electrical connections for wear and damage.
- ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- × **DO NOT** use worn or damaged cables, plugs or connectors.
- ✓ Ensure that any faulty item is repaired or is replaced immediately by a qualified electrician.
- ✓ If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- ✓ Ensure that repairs are carried out by a qualified electrician.
- ✓ Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.
- ✓ Important: Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse.
- × **DO NOT** pull or carry the appliance by the power cable.
- × **DO NOT** pull the plug from the socket by the cable.

1.2. GENERAL SAFETY

- ✓ Disconnect the hammer drill from the mains power before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the hammer drill in good condition.
- ✓ Check moving parts and alignment and keep drill bits in good, sharp condition. If necessary use an authorised service agent.
- ✓ Replace or repair damaged parts. Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- × **DO NOT** use the hammer drill if the on/off switch does not work. Have it repaired by an authorised service agent.
- ✓ Wear approved safety eye protection with side shields, ear defenders, safety shoes and gloves.
- ✓ Wear ear defenders when impact drilling. Exposure to noise can cause hearing loss.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, other loose jewellery and contain long hair.
- ✓ Use the hammer drill in an adequate working area for its function, keep work area clean, tidy and free from unrelated materials, ensure adequate lighting.
- ✓ Prevent body contact with grounded surfaces to avoid electric shock i.e. pipes, radiators, ranges, refrigerators etc.
- ✓ Evaluate your working area before using the hammer drill i.e. ceiling, floors and enclosures may contain hidden electrical wires or water piping.
- ✓ Maintain correct balance and footing.
- × **DO NOT** over-reach and ensure that the floor is not slippery and wear non skid safety shoes.
- ❑ **WARNING!** If working at height take adequate safety precautions to prevent injury from falling.
- × **DO NOT** operate the hammer drill when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ❑ **WARNING!** The auxiliary handle grip must always be attached for use. Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.
- ❑ **WARNING!** Remove the chuck key before turning the hammer drill on.
- × **DO NOT** attempt to operate this hammer drill with one hand.
- ✓ Keep children and unauthorised persons away from the working area.
- × **DO NOT** hold unsecured work in your hand.
- ✓ Avoid unintentional starting and ensure the lock on button is disengaged before use.
- × **DO NOT** force the hammer drill to achieve a task it was not designed to perform.
- × **DO NOT** operate the hammer drill in explosive atmospheres or where there are flammable liquids, gasses or dust.
- × **DO NOT** carry the hammer drill with your finger on the power switch, or leave the hammer drill running whilst unattended.
- × **DO NOT** abuse the power cord. Never use the cord for carrying, pulling or unplugging the hammer drill.
- ✓ Keep the power cord away from heat, oil, sharp edges or moving parts.
- × **DO NOT** operate the hammer drill if any parts are missing or the hammer drill is damaged as this may cause failure and/or possible personal injury.
- ✓ Limit the exposure time by taking frequent rest periods. Vibration caused by hammer action may be harmful to your hands and arms.
- ✓ When operating the hammer drill outdoors use an extension cable that is clearly marked for outdoor use.
- ✓ Work only in daylight or good artificial light.
- ✓ Keep handles and grasping surfaces dry, clean and free from oil and grease.

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× **DO NOT** allow the hammer drill to get wet.
× **DO NOT** use in damp or wet locations.
× **DO NOT** use in the rain or if there is a risk of lightning.
❑ **WARNING!** If working in a damp location is unavoidable a residual current device (RCD) MUST be used.
× **DO NOT** allow familiarity gained from frequent use of the hammer drill to let you become complacent and begin to ignore tool safety principles.
✓ When not in use, switch the hammer drill off, remove plug from power supply, clean the hammer drill and store in safe, dry, childproof location.

1.3. USING LONG DRILL BIT SAFETY

× **DO NOT** operate at a higher speed than the maximum speed rating of the drill bit.
✓ Always start drilling at low speed and with the drill bit tip in contact with the workpiece.
✓ Apply pressure only in direct line with the drill bit.
× **DO NOT** apply excessive pressure.
❑ **WARNING!** The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

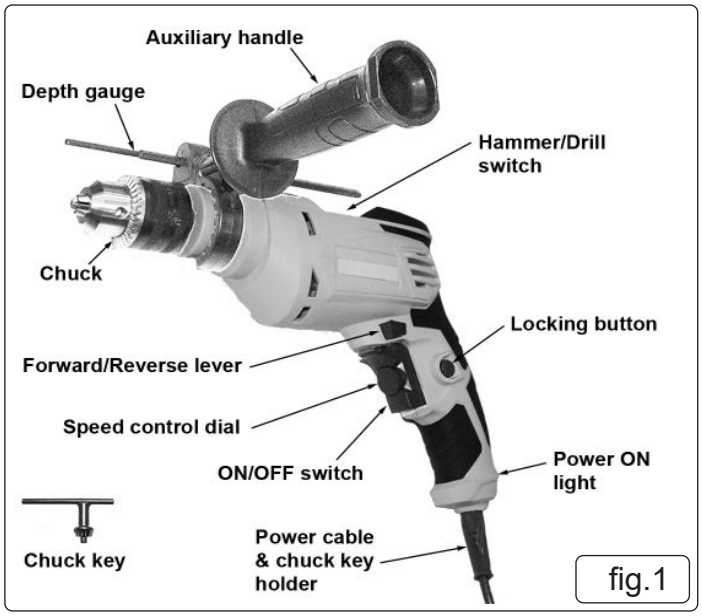
2. INTRODUCTION

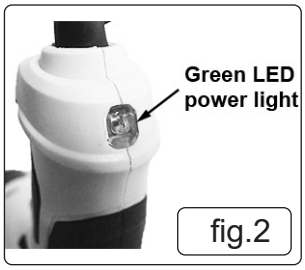
750W Hammer drill with variable speed and reverse controls. Suitable for driving and removing screws. Hammer action allows up to Ø13mm capacity in masonry. Features high quality Ø13mm chuck, textured grip handle and is supplied with adjustable side handle, 2m cable and 3-pin plug.

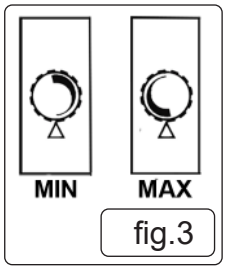
3. SPECIFICATION

Model No: SD750.V2
Chuck Size: Ø13mm
Drilling Capacities:
Wood: Ø25mm
Steel: Ø8mm
Masonry: Ø13mm
Hammer Action: 0-48000bpm
Motor Power: 750W
No-Load Speed: 0-3100rpm
Supply: 220-240V
Vibration: 5.839m/s²
Uncertainty: 1.5m/s²
Noise Power/Pressure: ..... 105/94dB(A)

4. OPERATION









❑ **WARNING!** Disconnect from mains power supply before any assembly.
Unpack the product and check contents. Should there be any damaged or missing parts contact your supplier immediately.

4.1. AUXILIARY HANDLE

NOTE: The auxiliary handle can be mounted on the left or right side of the chuck.

4.1.1. Slacken the auxiliary handle (fig 1) by turning counter clockwise and slide over the chuck (fig 1) and onto the hammer drill body.
4.1.2. Tighten the handle, firmly, into the desired position by turning clockwise.
4.1.3. Depending on the working operation the auxiliary handle can be adjusted into different positions.
❑ **WARNING!** The hammer drill should be used with both hands and the auxiliary handle must always be attached.
× **DO NOT** continue to use if the auxiliary handle is damaged.

4.2. DEPTH GAUGE

4.2.1. Loosen the auxiliary handle and insert the depth gauge (fig 1) through it's location hole.
4.2.2. Determine drill depth required and firmly tighten the auxiliary handle which also firmly grips the depth gauge.

4.3. INSERTING A DRILL BIT

❑ **WARNING!** Disconnect from mains power supply before inserting drill bit into the chuck.

4.3.1. Open the jaws of the chuck (fig 1), by hand, turning counter clockwise.

4.3.2. Insert the drill bit centrally into the chuck.

4.3.3. Tighten the chuck by hand, turning clockwise.

4.3.4. Firmly fasten the chuck by inserting the chuck key (fig 1) into one of the holes in the chuck and turn clockwise.

4.4. REMOVING A DRILL BIT

4.4.1. Removing the drill bit from the chuck is the reverse of section 4.3.

4.5. ON/OFF SWITCH

4.5.1. Depress the ON/OFF switch (fig 1) to start the hammer drill and keep holding for continuous operation.

4.5.2. The speed will increase the further the ON/OFF switch is depressed.

4.5.3. To switch the hammer drill off, release the ON/OFF switch.

4.6. LOCKING BUTTON

4.6.1. Turn on the hammer drill, see section 4.5, press the locking button (fig 1) and release the ON/OFF switch.

4.6.2. The hammer drill will continue to operate until the locking button is released.

4.6.3. To release the ON/OFF switch, depress it again and then release for the hammer drill to stop.

4.7. SPEED CONTROL DIAL

4.7.1. Turn the hammer drill on. See section 4.5.

4.7.2. Lock the ON/OFF switch. See section 4.6.

4.7.3. Turn the speed control dial (figs 1 & 3) clockwise to increase the speed to maximum and counter clockwise to reduce the speed.

4.8. FORWARD/REVERSE LEVER

❑ **WARNING!** To prevent damage to the hammer drill it must be at a complete stop before the forward/reverse lever can be used.

4.8.1. Use the forward/reverse lever (fig 1) to switch between clockwise and counter clockwise rotation by pressing the lever to suit.

4.9. HAMMER/DRILL SWITCH

❑ **WARNING!** To prevent damage to the hammer drill it must be at a complete stop before the hammer switch can be used.

4.9.1. The hammer/drill switch (figs 1 & 4) enables the hammer drill to be used in either hammer or drill operation.

4.9.2. Select the hammer icon image (fig 4) to operate as a hammer drill and the drill icon (fig 4) to operate as a drill.
NOTE: It is recommended to use the hammer drill function when drilling into concrete and the drill function when drilling into metal or wood.

× **DO NOT** use the hammer function to drill into ceramic tiles or similar.

4.10. POWER ON LIGHT

4.10.1. When the hammer drill is connected to a power source a green LED light illuminates (fig 2) in the handle.

5. MAINTENANCE

❑ **WARNING!** Disconnect from mains power supply before performing any maintenance or cleaning.

5.1. Keep the ventilation openings clear and free from obstructions.

5.2. Clean the hammer drill housing ONLY with a damp cloth and dry thoroughly afterwards.

× **DO NOT** use solvents.

WARNING! – Risk of Hand Arm Vibration Injury.

This tool may cause Hand Arm Vibration Syndrome if its use is not managed adequately.

This tool is subject to the vibration testing section of the Machinery Directive 2006/42/EC.

This tool is to be operated in accordance with these instructions.

Measured vibration emission value (a): 5.839m/s²

Uncertainty value (k):. 1.5m/s²

Please note that the application of the tool to a sole specialist task may produce a different average vibration emission. We recommend that a specific evaluation of the vibration emission is conducted prior to commencing with a specialist task.

A health and safety assessment by the user (or employer) will need to be carried out to determine the suitable duration of use for each tool.

NB: Stated Vibration Emission values are type-test values and are intended to be typical.

Whilst in use, the actual value will vary considerably from and depend on many factors.

Such factors include; the operator, the task and the inserted tool or consumable.

NB: ensure that the length of leader hoses is sufficient to allow unrestricted use, as this also helps to reduce vibration.

The state of maintenance of the tool itself is also an important factor, a poorly maintained tool will also increase the risk of Hand Arm Vibration Syndrome.

Health surveillance.

We recommend a programme of health surveillance to detect early symptoms of vibration injury so that management procedures can be modified accordingly.

Personal protective equipment.

We are not aware of any personal protective equipment (PPE) that provides protection against vibration injury that may result from the uncontrolled use of this tool. We recommend a sufficient supply of clothing (including gloves) to enable the operator to remain warm and dry and maintain good blood circulation in fingers etc. Please note that the most effective protection is prevention, please refer to the Correct Use and Maintenance section in these instructions. Guidance relating to the management of hand arm vibration can be found on the HSE website www.hse.gov.uk - Hand-Arm Vibration at Work.

ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

REGISTER YOUR PURCHASE HERE

WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.
Important: No Liability is accepted for incorrect use of this product.
Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR
01284 757500 **sales@sealey.co.uk** **www.sealey.co.uk**

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