



说明书材质要求：105g 有光铜版纸	说明书成品尺寸：105*143mm
Black（单色印刷）	
折叠方式：风琴折（20P以下用风琴折） 特殊情况：16P/20P：风琴折 + 对折	备注：
特别注意：此页内容不印刷	

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更改记录	1. 更新版式			1. ID8508-9改参数			1. UID8508-9增加插头		
	0823.V20	2023.8.2	QQY	0823.V21	2023.8.28	ZL	0324.V22	2024.3.14	RHX
	版本号	日期	设计师	版本号	日期	设计师	版本号	日期	设计师

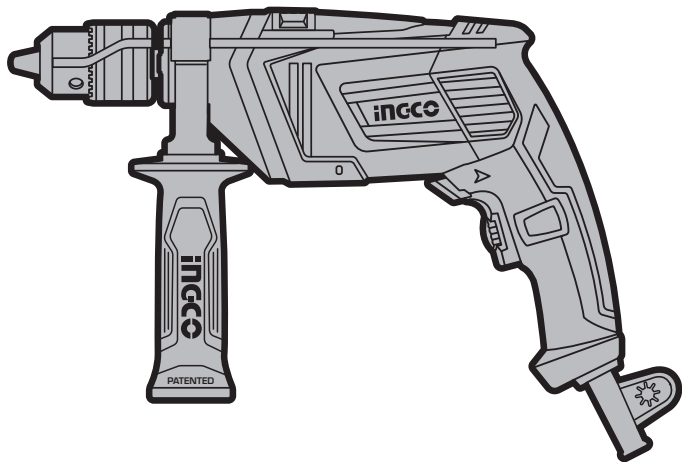
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**PRODUCT
MANUAL**



IMPACT DRILL



ID8508 UID8508 ID8508xy UID8508xy
x(blank,1,2,3,4,5,6,7,8,9,E,S,A,M)
y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)



SCAN FOR VIDEO

GENERAL POWER TOOL SAFETY WARNINGS

⚠ 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 adapter 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 a 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 and clothing 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 dust collection 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 remove the battery**

pack, if detachable, 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 and accessories. 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 grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) 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.*

THE SYMBOLS IN INSTRUCTION MANUAL

	Double insulated for additional protection
	Read the instruction manual before using.
	CE conformity.
	Safety alert. Please only use the accessories supported by the manufacturer.
	Wear safety glasses, hearing protection and dust mask.
	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.

ADDITIONAL SAFETY WARNING

Drill safety warnings

Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss. Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.

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.

Residual risks

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.

Injuries and damage to property due to broken accessories that are suddenly dashed.

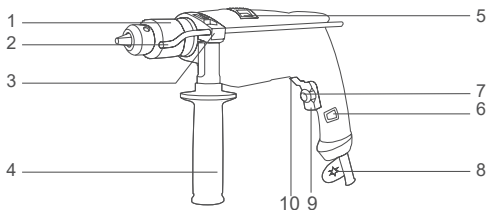
WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

SPECIFIED CONDITIONS OF USE

The tool is intended for impact drilling in brick, concrete and stone as well as for drilling without impact in wood, metal, ceramic and plastic.

SPECIFICATIONS



- | | |
|----------------------------------|--|
| 1. Chuck | 5. Drill/Impact action selector switch |
| 2. Depth gauge | 6. Switch lock button |
| 3. Locking screw for depth gauge | 7. Variable speed control |
| 4. Auxiliary handle | 8. Cable sleeve |
| | 9. On/Off switch |
| | 10. Forward/reverse selector switch |

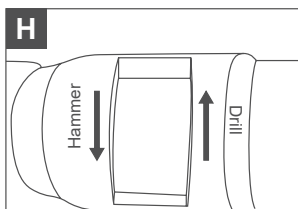
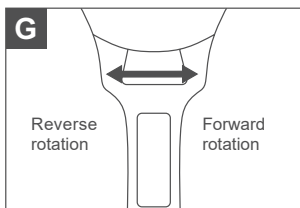
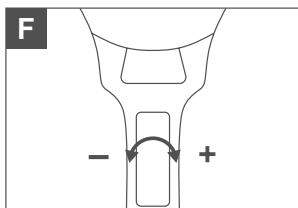
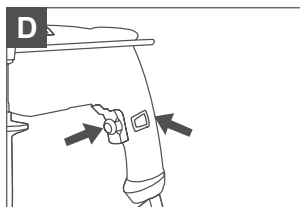
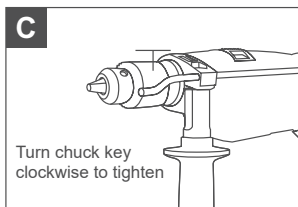
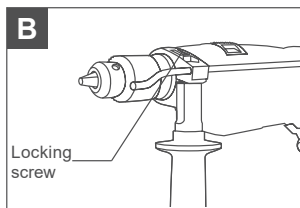
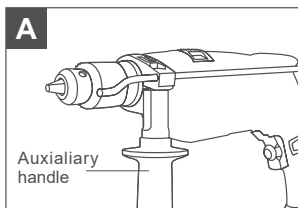
Accessories

- | | |
|--------------------------|------------------------|
| 1. 1Pcs auxiliary handle | 2. 1Pcs depth gauge |
| 3. 1Pcs chuck key | 4. 1Set Carbon brushes |

Technical specifications

Model No.	ID8508 ID8508P ID8508E ID8508M ID8508-8(BS Plug) ID8508-4 (IRAM Plug) ID8508-6 (ISRAEL Plug)	ID8508-9 (INMENTRO Plug)	UID8508-9 (INMENTRO Plug)	UID8508
Rated input power	850W	850W	850W	850W
Rated voltage	220-240V~50/60Hz	220-240V~60Hz	127V~60Hz	110-120V~50/60Hz
No-load speed	0-2700/min	0-2700/min	0-2400/min	0-2400/min
Impact rate	0-43200/min	0-43200/min	0-38400/min	0-38400/min
Chuck capacity	1.5-13mm	1.5-13mm	1/16"-1/2"	1/16"-1/2"
On steel	10mm	10mm	3/8"	3/8"
On wood	20mm	20mm	3/4"	3/4"
On cement	13mm	13mm	1/2"	1/2"

OPERATION PICTURE



OPERATION

⚠ WARNING!

Before using your drill be sure to read the instruction manual carefully.

Installing the auxiliary handle (see Figure A)

For your personal safety we recommend using the auxiliary handle at all times. To fit the handle, loosen the locking screw for handle collar anti-clockwise. Slide clamping loop over the handle collar. Rotate the handle around the handle collar until the handle is in the desired position. Tighten the locking screw clockwise to secure the handle. If you are right handed fit the handle as shown in Dia2. If you are left hand-ed fit the handle the other way round.

Installing the depth gauge (see Figure B)

The depth gauge can be used to set a constant depth to drill. To use the depth gauge, loosen the locking screw for gauge by rotating the auxiliary handle anti-clockwise. Insert the depth gauge through hole in handle. Slide the depth gauge to required depth and tighten the locking screw by rotating the locking screw clockwise.

Inserting a tool into chuck (see Figure C)

Remove chuck key from key storage tab at base of drill handle, place key into chuck, turn key anti-clockwise to undo/loosen chuck, inset drill/tool and firmly tighten chuck by turning key clockwise. Remove key and replace in

⚠ WARNING!

Before installing tool, remove mains plug from mains supply.

storage tab at base of drill handle. Operating the On/Off switch (see Figure D)

Press the on/off switch in for operation, release switch to stop. If you wish to use the drill continuously the switch lock button can be pushed in after the on/off switch has been depressed. To release the lock button simply depress on/off switch fully, the button will auto- matically release.

Variable speed control selector (see Figure E)

The maximum speed can be altered by turning the variable speed control. Turn clockwise to increase and anti-clock- wise to decrease speed. The speed of the drill varies with the amount of pressure applied to the on/off switch, i.e. more pressure for higher speed.

Changing rotational direc- tion (see Figure F)

To change the rotational direction, push the forward/reverse selector switch to the "R" position indicated on your drill. The rotation will now be forward rotation. Push

the forward/ reverse selector switch to "L" position indicated on your drill. The rotation will be reverse rotation.

NOTE: *Never move the forward/reverse switch whilst the drill in operation or the on/off switch is locked as this will*

Drill/Impact action switch (see Figure G)

When drilling masonry and concrete push the drill/impact action selector switch into the hammer position "  ". When drilling wood, metal, plastic push the switch into the drill position "  ".
The hammer symbol is a stylized hammer head. The drill symbol is a stylized drill bit.

Working hints for your drill

Drilling masonry and concrete Select the drill/impact action selector switch to the "hammer symbol" position. Tungsten carbide drill bits should always be used for drilling masonry, concrete etc with a high speed.

Drilling steel Select the drill/impact action selector switch to the "drill symbol" position. HSS drill bits should always be used for drilling steel with a lower speed.

Screw driving Select the drill/impact action selector switch to the "drill symbol" position. Use a low speed to drive in or remove screws.

Pilot holes When drilling a large hole in tough material (i.e. steel), we recommend drilling a small pilot hole first before using a large drill bit.

Drilling tiles Select the drill/impact action selector switch to the "drill symbol" position to drill the tile. When tile has been penetrated, switch over to "hammer symbol" position.

Cool the motor If your power tool becomes too hot, set the speed to maximum and run no load for 2-3 minutes to cool the motor.

MAINTENANCE&MALFUNCTIONS

Possible malfunctions and methods of their eliminations

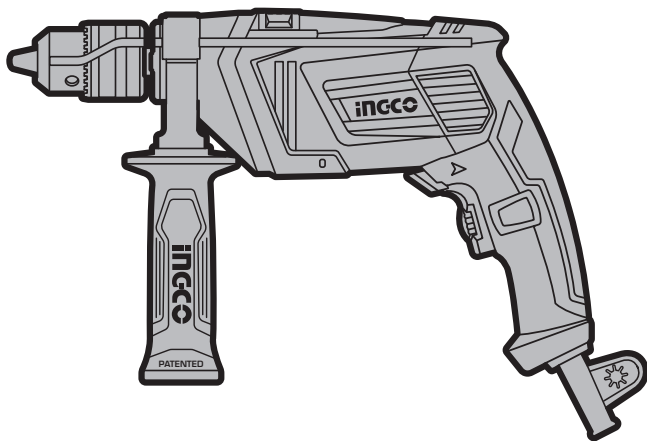
Malfuction	Probable causes	Actions
When the machine is turned on, the electric motor does not work.	● Switch failure ● The power cord or wiring is broken, power cord plug malfunction; ● No brush contact with the collector; ● Wear/damage of brushes	Disconnect the machine from the mains and contact a qualified specialist.
Formation of a circular fire on the collector	● Brush wear/damage of the brush holder; ● Malfuction in the armature coil	Disconnect the machine from the mains and contact a qualified specialist. Please don't repair the machine by your own.
When working, smoke or the smell of burning insulation appears from the ventilation openings.	● Malfuction in the electric motor coil; ● Malfuction of the electrical part of the tool.	
Increased noise in the gearbox	● Wear/breakage of gears or bearings	
When the machine is turned on, the spindle does not rotate	● Gearbox failure.	

Critical state criteria

Critical state criteria	Probable causes	Actions
Cracks on the surfaces of bearing and housing parts	Fatigue deformation of metal	Disconnect the machine from the mains and contact a qualified specialist. Please don't repair the machine by your own.
The power cord or plug is damaged	Overload or breakage	
Excessive wear or damage to the motor or reductor mechanism, or a combination of signs	Fatigue deformation of metal	

Critical state criteria

List of critical failures	Actions
Electric motor sparking	It is necessary to contact a qualified specialist
The appearance of extraneous noise	It is necessary to contact a qualified specialist
If the above malfunctions are detected, it is necessary to disconnect the machine from the mains and contact a qualified specialist	



MADE IN CHINA 0324.V22

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