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Black（单色印刷）	
折叠方式：风琴折（20P以下用风琴折）	备注：
特别注意：此页内容不印刷	

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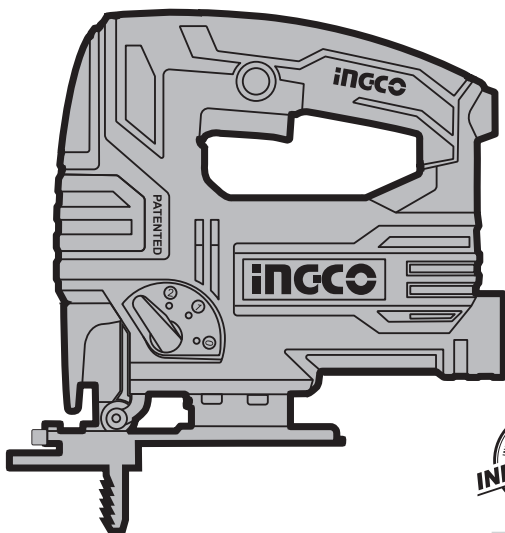
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PRODUCT MANUAL

JIG SAW



JS57028 UJS57028
JS57028xy UJS57028xy
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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

WARNING! Read all the safety and general instructions.

1. Hold the 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. Dust from material such as paint containing lead, some wood species, minerals and metal may be harmful (contact with or inhalation of the dust may cause allergic reactions and/or respiratory diseases to the operator or bystanders); wear a dust mask and work with a dust extraction device when connectable

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:

- a) 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.
- b) Injuries and damage to property to due to broken accessories that are suddenly dashed.

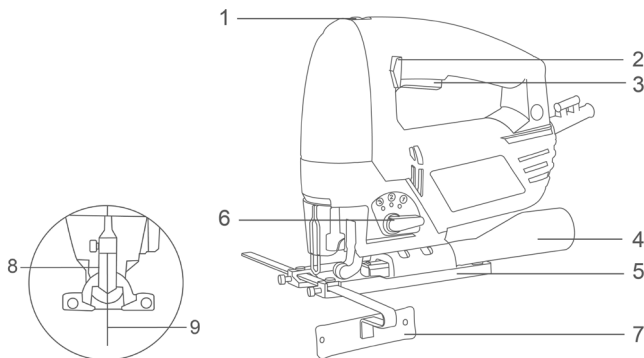
WARNING!

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.

INTENDED USE

The power tool is intended for making separating cuts and cut-outs in wood, plastic, metal, ceramic plates and rubber while resting firmly on the workpiece. It is suitable for straight and curved cuts with mitre/bevel angles of up to 45°. Note the saw blade recommendations.

SPECIFICATIONS



Components

- | | |
|--|---------------------------|
| 1. Stroke rate selection thumbwheel | 5. Base plate |
| 2. Lock switch | 6. Pendulum action switch |
| 3. Trigger switch | 7. Parallel guide |
| 4. Dust collector (optional, see your product specification) | 8. Blade holder |
| | 9. Saw blade |

Accessories

1. Jig saw blades 3pcs
2. 1Pcs Parallel guide 1pcs
3. Carbon brushes 1set
4. Hex key 1pcs

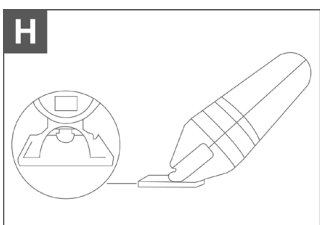
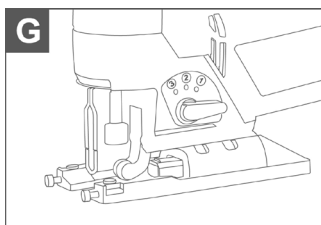
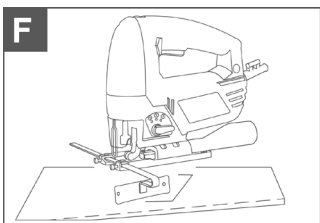
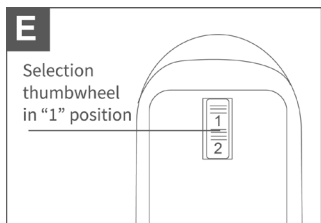
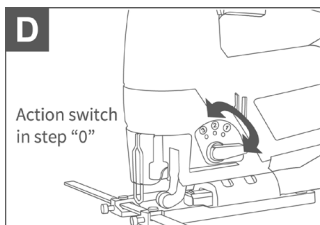
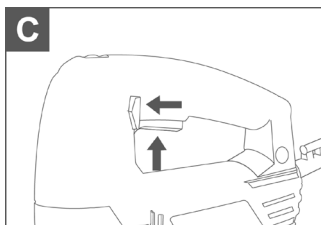
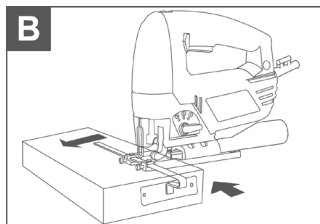
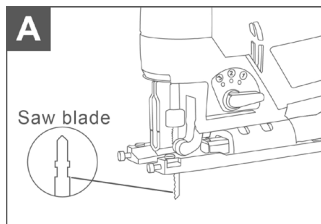
Technical specifications

Model No.	JS57028, JS57028M, JS57028-4 (IRAM Plug) JS57028S (SAA Plug) JS57028-6 (ISRAEL Plug) JS57028-8, JS57028-3 (BS Plug),	JS57028P JS57028-9 (INMENTR O Plug)	UJS57028	UJS57028-9
Rated voltage	220-240V~50/60Hz	220- 240V~60H z	110- 120V~50/6 0Hz	127V~60Hz
Rated power	570W	570W	570W	570W
No-load speed	800-3000/min	800- 3000/min	800- 3000/min	800-3000/min
Max. cutting capacity Wood	65mm	65mm	2-9/16"	2-9/16"
Steel	8mm	8mm	5/16"	5/16"
Bevel capacity	±45°	±45°	±45°	±45°
Insulation class	 II	 II	 II	 II

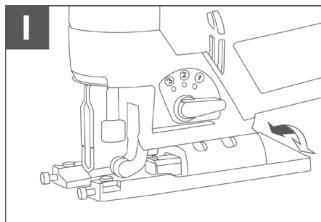
Model No. NOTE: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

OPERATION PICTURE



OPERATION PICTURE



OPERATION

Fitting the saw blade (see Figure A)

When changing blades, set pendulum action switch to "0"

To open the blade holder, rotate the ring anti-clockwise (jig saw upside down) and hold in position. Then fully insert the blade into the blade holder slot with blade teeth facing forward and release the ring, which will self-rotate and clamp over the top of the blade. Push the blade into the blade holder again to ensure it is locked in position. Ensure the edge of the blade is located in the groove of the support roller. To remove blade, hold the blade and rotate the ring anti-clockwise then lift out the blade.

WARNING!

- **Blade teeth are very sharp.**
- **Blade self-eject out swiftly. Do not point at people.**

NOTE: If your tool has blade guard, please remove clear it to ease the fitting/removing of blades.

Using the parallel guide (see Figure B)

The parallel guide allows you to make an accurate parallel cut using the metric scale. Put parallel guide into the required position Slide the parallel guide in from the appropriate side (left or right) accordingly. Make sure that the guide surface of the parallel guide points downwards.

Operating the trigger switch (see Figure C)

To operate the jig saw, depress the trigger switch. If you wish to use the Jig saw continuously, the trigger lock button can be pushed in after the trigger switch has been depressed. To release the lock button, push in the trigger switch again.

Pendulum action switch adjustment (see Figure D)

The saw blade pendulum action, adjustable in four steps, makes possible the optimum adaptation of saw advancing (cutting speed), cutting performance and cut appearance of the material. For each downward movement, the saw blade is lifted off the material which facilitates sawdust ejection, reduces heat generated by friction and increases the service life of the saw blade. At the same time the reduction of the necessary advancing force makes fatigue-free working possible. The pendulum action switch makes possible the adjustment of the pendulum action

in four steps. The switching can take place with the machine running:

Pendulum setting

Step 0: No pendulum action

Material: rubber, ceramic, aluminum, steel

Step 1: Small pendulum action

Material: plastic, wood, aluminum

Step 2: Medium pendulum action

Material: wood

Step 3: Large pendulum action

Material: wood

Generally, the finer and cleaner the cut edge should be the smaller the pendulum step selected should be or switch off the pendulum action. For the working of thin material such as sheet metal, switch off the pendulum action (Step 0). In hard material such as steel, work with small pendulum action. In materials such as soft wood and cutting in the direction of the grain, the large pendulum action can be used.

Stroke rate selection (see Figure E)

With the thumbwheel, the required stroke rate can be selected (also while running).

MIN-2 = Low stroke rate

3-4 = Medium stroke rate

5-MAX = High stroke rate

The stroke rate required depends upon the material and the working conditions: fast enough to make reasonable progress, but slow enough to keep a clean cut and to avoid straining the machine. Generally, finer saw blades use a higher speed, coarser blades use a slower speed. After working for longer periods at low stroke rate allow the machine to cool by running it at maximum stroke rate and no load for approx. 3 minutes.

Using the pendulum jig saw

Before using the saw and connecting the mains cable make sure the trigger switch is in the off position. Press the trigger switch and wait until blade has reached maximum speed. Place the front of the baseplate on the workpiece and line up the

cutting line with the line you wish to cut.

Push slowly forward. Keep the baseplate flat against the workpiece.

Cutting metal

An appropriate cutting agent (such as light oil, small amounts of soapy water, etc) should always be used. If there is no available liquid cutting agent, grease can be applied to the back surface of the material to be cut.

Cutting grooves/window holes (see Figure F)

For wood: Align the blade direction with the grain of the wood. Then position the rounded part at the front of the base plate on surface to be cut, slowly lower the saw into material at chosen point of entry. Lower the saw in a pivoting action until blade has cut through to other side, do not move saw along intended cut line until the blade has cut through and base plate is lying flat on material.

For other materials: In materials other than wood when cutting window holes, first use a drill or similar tool to drill a hole from which initial cutting will begin.

Angular cutting (see Figure G~I)

The angle adjustment screw has combined with the lever. To adjust the angle of inclination, loosen the angle adjustment screw by turning the lever anticlockwise.

You will then be able to rotate the base plate to the required angle 0~45 to the left or right. See Figure G.

Angle of inclination numbers are stamped onto the fan shaped bracket on back of the base plate to help you set the correct angle. Check the support roller before tightening. Firmly tighten the angle adjustment screw by turning the lever clockwise for operation. See Figure H.

NOTE:

To achieve a sufficient looseness or a good tight fit of the base plate, you may need to turn the lever repeatedly when loosening/ tightening the angle adjustment screw. The lever has an engagement/disengagement system.

Pull the lever backwards to disengage whilst the lever is turned to the leftmost or rightmost position, and then reverse the lever, further tighten/loosen the screw as necessary, see Figure I.

MAINTENANCE&MALFUNCTIONS

Possible malfunctions and methods of their eliminations

Malfunction	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; • Malfunction 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.	• Malfunction in the electric motor coil; • Malfunction 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	



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