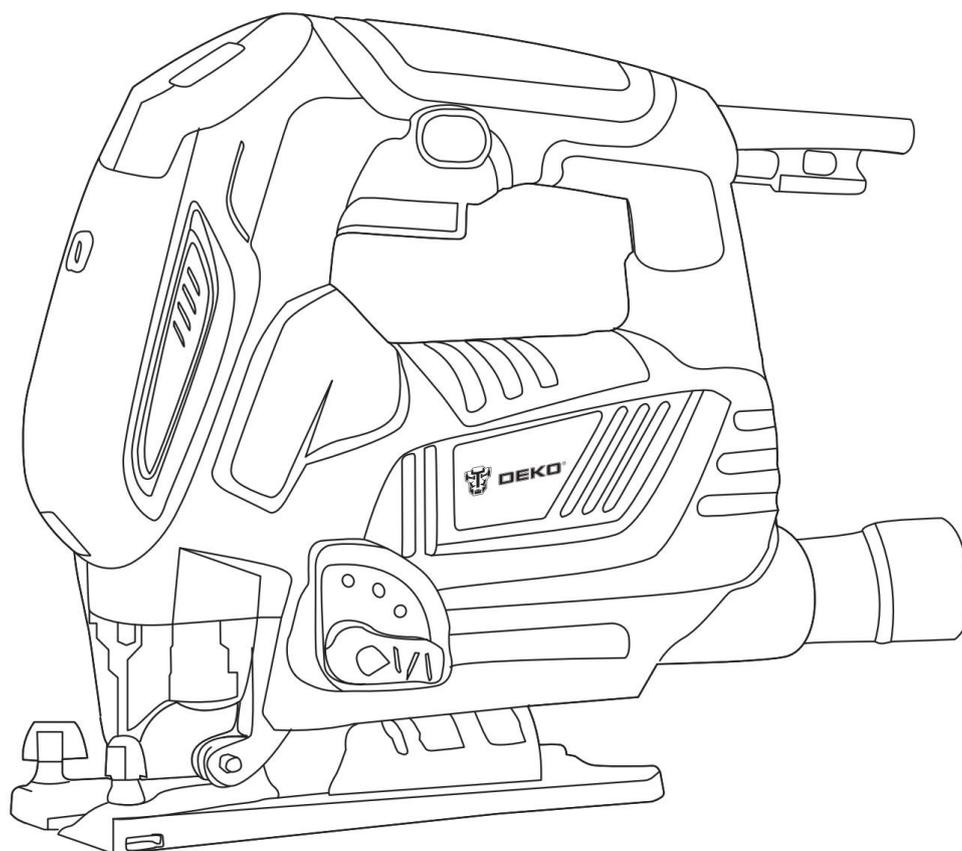
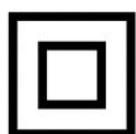


**DEKO®**

**INSTRUCTION MANUAL**  
**JIG SAW**  
**MODEL NO.: DKJS80Z6F**



**△ IMPORTANT: Read this instruction manual before operating this product.  
Keep the instruction manual for future reference.**



DEKO TOOLS CO., LIMITED  
www.dekools.com Made in China

## 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.*

b) **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

## Special Safety Instructions for Jig Saws

**⚠ WARNING:** Use of any accessories or attachments other than those supplied or recommended in these operating instructions can mean the risk of injury.

- 1) **When using jig saws, ear protectors and a face mask should be worn.** Exposure to noise can cause damage to hearing.
- 2) **Do not use the jig saw to cut asbestos or materials containing asbestos.**
- 3) **Do not leave power tools running unattended.** Always switch off and do not put down or leave until it has stopped completely.
- 4) **Do not work in loose fitting clothing.** Long hair must be covered.
- 5) **Be careful when working on walls. Damage to power supply lines, gas or water pipes can lead to dangerous situations.** Use appropriate detectors to establish whether there are concealed wires or pipes in the working area.
- 6) **Secure the work piece.** The work piece is only secure if it is held by work-holding devices or in a vice.
- 7) **Caution: saw blades can get very hot.**
- 8) **Saw blades must be kept sharp and in good condition.** Replace partially fractured and broken saw blades immediately.
- 9) **Work calmly and evenly with the jig saw.** You will thus avoid accidents and the saw blade and the jig saw will last longer.
- 10) **Do not use for cutting pipes or cables.**
- 11) **Do not use cracked, blunt or damaged blades.** Do not start the saw if no blade is fitted.
- 12) **Check there are no obstructions in/on the surface under the item to be cut.**
- 13) **Do not attempt to cut items thicker than the maximum cutting depth of the blade, or where there is insufficient space for the blade under the item.**
- 14) **The saw's metal parts may become conductive if the saw comes into contact with a live wire.** Therefore only hold the saw by its insulated handle.
- 15) **Check that the ventilation slots are not blocked.**
- 16) **Never remove dust, obstructions or the like from the work area while the blade is operating.**
- 17) **Never stop the saw blade by applying pressure to the saw or to the side of the blade.**
- 18) **Do not lift the saw from the item being cut if the blade is still running.**
- 19) **Never place the saw on a table or workbench if it has not stopped completely.**
- 20) **The saw blade will continue to run a short time after the machine has been switched off.** 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.

## Additional Safety Instructions for Lasers

Laser radiation. **DO NOT STARE INTO BEAM!** Class 2 laser product.



- a) Viewing the laser output with certain optical instruments (for example, eye loupes, magnifiers and microscopes) with a distance of 100mm may pose an eye hazard.
- b) Viewing the laser output with certain optical instruments designed for use at a distance (for example, telescopes and binoculars) may pose an eye hazard.

**CAUTION:** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

- a) **NEVER** direct the beam towards a person's eyes!
- b) Avoid positioning the laser such that it may lead to unintentional eye exposure to any potential passing pedestrians/traffic.
- c) **DO NOT** direct the beam towards animals.
- d) **DO NOT** use in the vicinity of children.

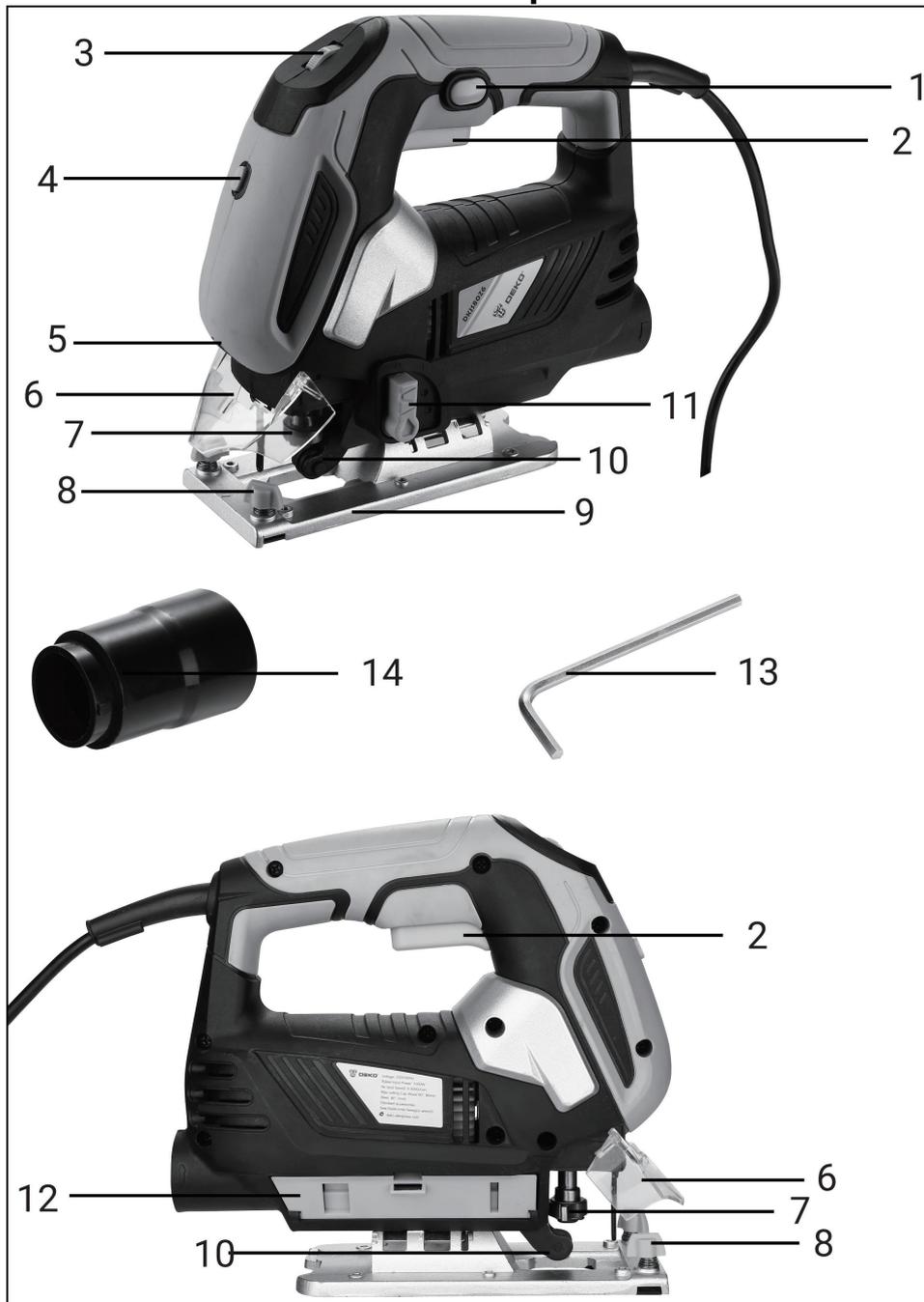
- e) **DO NOT** direct the beam onto reflective surfaces.
  - f) Always switch off when not in use and do not leave unattended.
  - g) Remove the batteries before storing the circular saw away.
- This laser product has no serviceable parts. Do not attempt to disassemble or repair.**

## Symbol Explanation

In this manual and/or on the machine the following symbols are used:

	Denotes risk of personal injury or damage to the tool.
	Read instruction manual before use.
	Conforms to relevant legislation and safety standards.
	Do not dispose of power tools and batteries/rechargeable batteries into household waste! Dispose the products according to the regulation and requirement of local council.
	Double insulation. Class II device. The device must not be earthed.
	Wear hearing protection. Wear eye protection. Wear breathing protection.

## Parts Description



- 1 Safety lock button
- 2 Trigger switch
- 3 Speed adjusting dial
- 4 Laser knob
- 5 Laser aperture
- 6 Dust shroud
- 7 Quick release blade clamp
- 8 Lock knob for edge guide
- 9 Base plate
- 10 Roller
- 11 Orbit selector lever
- 12 Blade storage
- 13 Hex key
- 14 Dust extraction connector

## Technical Data

<b>Rated Voltage</b>	230V
<b>Frequency</b>	50Hz
<b>Rated Input Power</b>	800W
<b>No-Load Speed</b>	0-3000/min
<b>Stroke length</b>	18mm
<b>Max. Cutting Depth (90°): wood</b>	80mm
<b>Max. Cutting Depth (90°): steel</b>	6mm

## Operation

### Blade installation and removal

**⚠ WARNING:** To prevent personal injury, always unplug the machine from the power source before assembling parts, making adjustments, or changing blades.

- 1) To obtain the best performance from the saw, it is important to select the correct blade for the particular application and type of material to be cut.
- 2) Lift the dust shroud (6) in front of the blade holder.
- 3) Pull the lever of quick release blade clamp (7).
- 4) Slide the saw blade into the locating groove with teeth pointing forward. Make sure that the back edge of the blade fits into the blade clamping holder and then release the lever of quick release blade clamp (7).
- 5) Make sure that the back of the saw blade engages in the slot of the guide roller (10).



**CAUTION:** Please keep the blade away from people and hold the blade before pulling the clamp to take it out, otherwise the blade will fly out directly which may cause injury.

### Switch On/off

**CAUTION:** Before plugging in the machine, always check that the switch trigger actuated properly and returns to the OFF position when released.

#### Switch on:

Press the trigger switch (2), the machine is turned on.

#### Switch off:

Just release the trigger switch, the machine is turned off.

### Continuous running

- 1) Press the trigger switch (2) first, and then press the safety lock button (1), then the trigger switch (2) will be locked and the machine will keep working.
- 2) Just press the trigger switch (2) again, the machine is turned off.

### Speed adjusting dial

The machine speed can be adjusting between 0 and 3000 strokes per minute by turning the adjusting dial (3). The dial is marked MIN (lowest speed) to MAX (full speed). Refer to the table below to select the proper speed for the workpiece to be cut. However, the appropriate speed may differ with the type or thickness of the workpiece. In general, higher speeds will allow you to cut workpiece faster but the service life of the blade will be reduced.

Workpiece to be cut	Number on adjusting dial
Wood	5-MAX
Mild steel	3-MAX
Stainless steel	3-4
Aluminum	3-MAX
Plastics	1-4

## Selecting the cutting action

This machine can be operated with an orbital or a straight line cutting action. To change the cutting action, just turn the lever (11) to the desired cutting action position. Refer to the table below to select the cutting action.

Position	Cutting action	Applications
0	Straight line cutting action	For cutting mild steel, stainless steel and plastic. For clean cuts in wood and plywood.
1	Small orbit cutting action	For cutting mild steel, aluminum and hard wood.
2	Medium orbit cutting action	For cutting wood and plywood. For fast cutting in aluminum and mild steel.
3	Large orbit cutting action	For fast cutting in wood and plywood.

## Cutting operation

Rest the base plate on the workpiece and gently move the machine forward along the previously marked cutting line. Users can also refer to the laser guide of the machine.

When cutting curves, advance the machine very slowly.

## Bevel cutting

With the base tilted, you can make bevel cuts at any angle between 0° and 45° (left or right).

- 1) Loosen the bolt on the bottom of the machine with the hex key (13).
- 2) Move the base so that the bolt is positioned in the center of the cross-shaped slot in the base. The scale and slot can be seen when users tilt the base plate (9).
- 3) Tilt the base until the desired bevel angle is obtained. The edge of the motor housing indicates the bevel angle, then tighten the bolt to secure the base.



## Cutouts

Cutouts can be made with either of two methods A or B.

**A:** Boring a starting hole: For internal cutouts without a lead-in cut from an edge, previously drill a starting hole more than 12 mm in diameter. Insert the blade into this hole to start your cut.

**B:** Plunge cutting: Users don't need to bore a starting hole or make a lead-in cut as long as carefully do as follows:

- 1) Tilt the machine up on the front edge of the base, with the blade point positioned just above the workpiece surface.
- 2) Apply pressure to the machine so that the front edge of the base will not move when users switch on the machine and gently lower the back end of the machine slowly.
- 3) As the blade pierces the workpiece, slowly lower the base of the machine down onto the workpiece surface.
- 4) Complete the cut in the normal manner.

## Finishing edges

To trim edges or make dimensional adjustments, run the blade lightly along the cut edges.

## Metal cutting

Always use a suitable saw blade and coolant (cutting oil) when cutting metal. Failure to do so will cause significant blade wear. The underside of the workpiece can be greased instead of using coolant.

## Anti-splintering device

For splinter-free cuts, the anti-splintering device can be used. Fit it into the base from below.

## Guide rule (optional accessory)

When cutting widths of under 150 mm repeatedly, use of the guide rule (rip fence) will assure fast, clean, straight cuts. To install it, loosen the bolt on the front of the base. Slip in the guide rule and secure the bolt.

## Laser guide

The laser beam aperture (5) is activated by pressing button (4) and will stay on until the button is pressed again.

- 1) Mark the line of the cut on the workpiece.
- 2) Adjust the bevel angles of the cut as required.
- 3) Turn on the laser guide by pressing the laser on/off button (4) and align the line of the cut on the workpiece.
- 4) On completion of the cut, switch off the laser.

## Dust extraction

The vacuum head is recommended to perform clean cutting operation. Install the plastic cover on the machine by fitting it into the notches in the machine.

To attach the vacuum head on the machine, insert the hook of the vacuum head into the hole in the base. The vacuum head can be installed on either left or right side of the base. Then connect a vacuum cleaner to the vacuum head.

## Blade storage

It has a blade storage (12) for fine-toothed saw blade at the back of the machine.



## Saw operation

- 1) Always operate the saw firmly, using the rear and auxiliary handles.
- 2) Offer the base of the saw to the workpiece without blade contact.
- 3) Switch on and wait until full speed is attained, then advance the saw, keeping it flat and cutting smoothly until the cut is complete - Straight line sawing at a uniform speed of advance will obtain the best clean cuts.
- 4) After releasing the trigger switch, wait until the blade has fully stopped before withdrawing.

## Cleaning and Maintenance

**⚠ WARNING:** To avoid accidents always disconnect the tool from the power supply before cleaning or performing any maintenance.

### Cleaning

1) Ventilation openings and switch levers must be kept clean and free of foreign matter. Do not attempt to clean by inserting pointed objects through openings. The tool may be cleaned most effectively with compressed dry air.

**Always wear safety goggles when cleaning tools with compressed air**

2) Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

### Maintenance

The brushes in your tool have been engineered for many hours of dependable service. To maintain peak efficiency of the motor, we recommend every two to six months the brushes be examined.

**Always replace both brushes at a time. Entrust replacement of carbon brushes only to a qualified person. Only original parts should be used.**

## Service Information

This tool is warranted to the original purchaser to be free from defect in materials and workmanship for a period of 2 years from the original purchase date.

If the tool should fail some day in spite of our quality controls and materials, only have it repaired by an authorized electrician or contact your local distributor or service agent.

Or you can contact us by emails:

services@dekotools.com, [support@dekotools.com](mailto:support@dekotools.com)

The warranty will not apply to the following cases:

- (i) where this product has been subjected to misuse, abuse, accident or want of care;
- (ii) where this product has been used for a purpose for which it was not designed or is not suited;
- (iii) where the service of this product has been undertaken by a non-authorized person or company or if non-approved parts have been used.
- (iv) components that are subject to natural wear and tear caused by use in accordance with operating instructions.

## Disposal



The machine and packaging should be sorted for environmental-friendly recycling. Do not dispose of power tools into household waste! Please recycle them at collection points provided for the purpose. Ask your local authority for information about recycling.