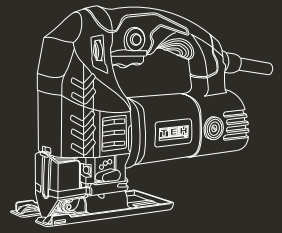
www.tehtools.com

Jig Saw

TJS6507

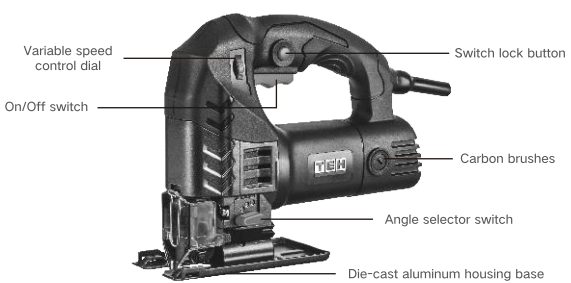
To Be Your Exclusive Helper



TECHNICAL SPECIFICATION

Model	TJS6507
Rated voltage	220V 50Hz
Rated input power	680w
No-load speed	800-2400r/min
Max cutting depth in wood	65mm
Max cutting depth in metal	8mm

COMPONENTS AND ACCESSORIES



SAFETY INSTRUCTIONS

WARNING ⚠

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or other serious injury. The term "power tools" in all of the warnings listed below refers to mains-operated (corded) power tool or battery operated (cordless) power tool.

WORK AREA

a) Keep work area clean and well lit. Cluttered and 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.

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 tools. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increases 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.

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 safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the risk of personal injuries.

c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in the 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 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.

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 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 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, breakage or parts and any other condition that may affect the power tools operations. 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 and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

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) When servicing a tool, use only identical replacement parts. This will ensure that the safety of the power tool is maintained.

DOUBLE INSULATION

The tool is double insulated. This means that all the extemal metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

IMPORTANT NOTE

SYMBOLS


Read the manual


Warning


Wearing protection


Double insulation


WEEE marking

EFFECTIVE AND SAFE TIPS FOR CUTTING

1. Tum the tool on without the blade making any contact and wait until the blade attains full speed. Then rest the base flat on the workpiece and gently move the tool forward along the previously marked cutting line, to avoid or reduce the workpiece serious vibration.

2. Always hold the base flush with the workpiece. Failure to do so may cause blade breakage, resulting in a serious injury. But may start the tool and stop the tool for a while alternately so that assure the cutting direction and quality.

3. When cutting the thin board, should change the dense cutting blade lo the original blade if occurs kickback. When cutting difficultly due to the board is too thinner, can put a useless chip board on the workpiece and tighten it , and then mark the desired cutting line on the surface.

OPERATION INSTRUCTIONS

WARNING ⚠

Always be sure that the tool is switched off and unplugged before installing and removing the saw blade.

INSTALLING OR REMOVING THE TRIMMER BIT

1. To install the blade, loosen the Hex bolt and clamp bolt counterclockwise on the blade holder with the hex wrench.

2. With the blade teeth facing forward, insert the blade into the blade holder as as it will go. Make sure that the back edge of the blade fits into the roller. Then tighten clamp bolt first, and then tighten the Hex bolt clockwise to secure the blade.

3. To remove the blade, follow the installation procedure in reverse.

WARNING ⚠

Always clean out all chips or foreign matter adhering to the blade and/or blade holder. Failure to do so may cause insufficient tightening of the blade, resulting in a serious personal injury.

Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could bum your skin.

Always secure the blade firmly. Insufficient tightening of the blade may cause blade breakage or serious personal injury.

SWITCH ACTION

WARNING ⚠

Before plugging in the tool, always check to see that the tool is switched off.

Switch can be locked in "ON* position for ease of operator comfort during extended use. Apply caution when locking tool in position and maintain firm grasp on tool.

1. To start the tool, simply pull the switch trigger. Release the switch trigger to stop.
2. For continuous operation, pull the switch trigger and then push in the lock button.
3. To stop the tool from the locked position, pull the switch trigger fully, then release it.

SPEED ADJUSTING DIAL

1. The tool speed can be infinitely adjusted between 500 and 3,000 strokes per minute by turning the adjusting dial. Higher speed is obtained when the dial is turned in the direction of number 6; lower speed is obtained when it is turned in the direction of number 1.

2. Refer to the table 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 of cut	Number on adjusting dial
Wood	5-6
Mild steel	3-6
Stainless steel	3-4
Aluminum	3-6
Plastics	1-4

WARNING ⚠

If the tool is operated continuously at low speeds far a long time, the motor will get overloaded and heated up.

The speed adjusting dial can be turned only as far as 6 and back to 1. Do not force it past 6 or 1, Or the speed adjusting function may no longer work.

CUTOUTS

Boring a starting hole

For internal cutouts without a lead-in cut from an edge, pre-drill a starting hole 12 mm (1/2") or more in diameter. Insert the blade into this hole to start your cut.

BEVEL CUTTING

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

Loosen the bolt on the back of the base with the hex wrench. Move the base so that the bolt is positioned in the center of the cross-shaped slot in the base.

Tilt the base until the desired bevel angle is obtained. Then tighten the bolt to secure the base.

Caution: Raise the dust cover all the way before making bevel cuts.

METAL CUTTING

Always use a suitable 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 a coolant.

MAINTENANCE

WARNING ⚠

1. The tool and its air vents have to be keep clean, regularly clean the tool's air vents or whenever the vents start to become obstructed.

2. Check the all screws if be loosened or not periodically.

3. Check the cord insulation if broken or not.

REPLACING CARBON BRUSHES

1. Remove and check the carbon brushes regularly. Replace when the tool occurs obvious sparks or wear down to 4~6mm left.

2. Both carbon brushes should be replaced at the same time. Use only TEH brushes provided.

3. Remove the rear cover, lake out the worn carbon brushes, insert the new ones and secure the brush holder caps.

To maintain product safety and reliability repairs, any other maintenance or adjustment should be performed by TEH authorized or Factory service centers, always using TEH replacement parts.

WARRANTY CARD

Dear customers, the warranty service for purchasing TEH products is as follows:

Under normal use, the wear of the rotor steering gear is less than 0.2 mm within three months from the date of purchase. It is guaranteed that the damage is caused by the quality of the tool.

The following conditions occur during the warranty period, not covered by the warranty:

a. Any valid legal document (single ticket) certifying the date of purchase
b. Any damage caused by natural wear and overload
c. Any damage caused by the use of low-priced inferior accessories
d. Any damage caused by improper carrying, transportation or storage
e. Any product that has been opened, repaired, replaced, or modified by itself
f. Any damage caused by misuse, beyond the scope of use of the tool,
and failure to use and maintain in accordance with the instructions.

ladies/gentlemen: _____ employer: _____

contact number: _____ fax number: _____

contact address: _____

warranty record: _____

post code: _____

IMPORTANT NOTE

1. The invoice and warranty card must be presented at the time of warranty.
2. The fuselage number on the invoice is the same as the fuselage number on the warranty card.
3. Once this warranty card is issued, if it is lost, it will not be reissued. Please keep it properly.

Note: The company reserves the right to amend the above provisions and has the final interpretation right in the case that the warranty service does not violate national laws.