www.tehtools.com

Electric Planner

TEP8258 TEP8260

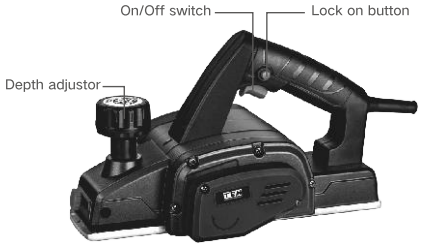
To Be Your Exclusive Helper

TEH®

TECHNICAL SPECIFICATION

Model	TEP8258	TEP8260
Rated voltage	220V 50Hz	220V 50Hz
Rated input power	580W	600W
No-load speed	16500r/min	16300r/min
Planning width	82mm	82mm
Planning depth	0-2mm	0-2mm
Planning step	0-10mm	0-10mm

COMPONENTS AND ACCESSORIES



Accessories included:
1 instruction manual
1 sharpening holder
1 blade sharpener
1 guide ruler
1 socket wrench
2 spare carbon brushes

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) Tool service must performed only by qualified personnel. Service or maintenance performed by unqualified personnel could result in risk of injury.

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

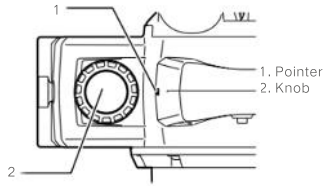
FUNCTIONAL DESCRIPTION

WARNING ⚠

Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

ADJUSTING DEPTH OF CUT

Depth of cut may be adjusted by simply turning the knob on the front of the tool so that the pointer points the desired depth of cut.



SWITCH ACTION

WARNING ⚠

Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

LOCK BUTTON

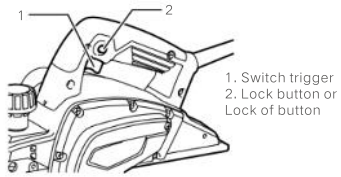
WARNING ⚠

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

To start the tool, simply pull the switch trigger. Release the switch trigger to stop.

For continuous operation, pull the switch trigger and then push in the lock button.

To stop the tool from the locked position, pull the switch trigger fully, then release it.



LOCK-OFF BUTTON

To prevent the switch trigger from being accidentally pulled, a lock-of button is provided.

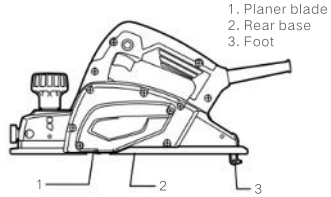
To start the tool, depress the lock-off button and pull the switch trigger. Release the switch trigger to stop.

WARNING ⚠

Do not pull the switch trigger hard without depressing the lock-off button. This can cause switch breakage.

FOOT

After a cutting operation, raise the back side of the tool and a foot comes under the level of the rear base. This prevents the tool blades to be damaged.



OPERATION INSTRUCTION

WARNING ⚠

Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

REMOVING OR INSTALLING PLANER BLADES

WARNING ⚠

1. Tighten the blade installation bolts carefully when attaching the blades to the tool. A loose installation bolt can be dangerous. Always check to see they are tightened securely.

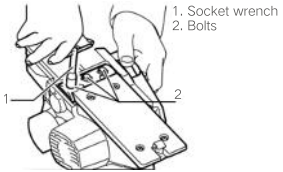
2. Handle the blades very carefully. Use gloves or rags to protect your fingers or hands when removing or installing the blades.

3. Use only the THE wrench provided to remove or install the blades. Failure to do so may result in over tightening or insufficient tightening of the installation bolts. This could cause an injury.

CONVENTIONAL PLANER BLADES

1. To remove the blades on the drum, unscrew the installation bolts with the socket wrench. The drum cover comes off together with the blades.

2. To install the blades, first clean out all chips or foreign matter adhering to the drum or blades. Use blades of the same dimensions and weight, or drum ocillation/vibration will result, causing poor planing action and, eventually, tool breakdown.

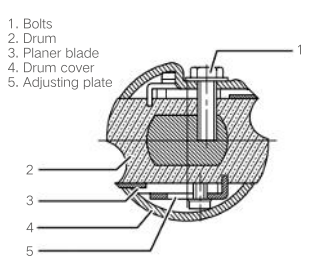


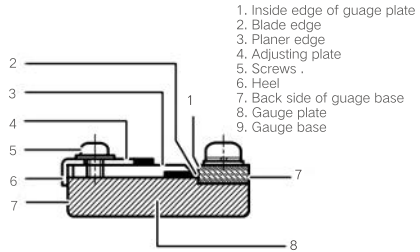
3. Place the blade on the gauge base so that the blade edge is perfectly flush with the inside edge of the gauge plate. Place the adjusting plate on the blade. then simply press in the heel of the adjusting plate flush with the back side of the gauge base and tighten two screws on the adjusting plate.

4. Now slip the heel of the adjusting plate into the drum groove, then fit the drum cover on it.

5. Tighten all the installation bolts evenly and alternately with socket wrench.

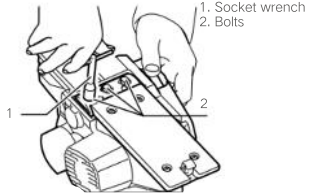
6. Repeat the above procedures for the other blade.





MINI PLANER BLADES

1. Remove the existing blade, if the tool has been in use, carefully clean the drum surfaces and the drum cover. To remove the blades on the drum, unscrew the three installation bolts with the socket wrench. The drum cover comes off together with the blades.

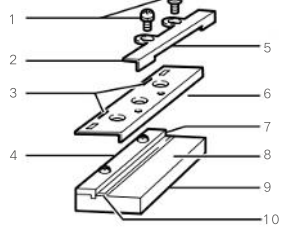


2. To install the blades, loosely attach the adjusting plate to the set plate with the screws and set the mini planer blade on the gauge base so that the cutting edge of the blade is perfectly flush with the inside flank of the gauge plate.

3. Set the adjusting plate/set plate on the gauge base so that the planer blade locating lugs on the set plate rest in the mini planer blade groove, then press in the heel of the adjusting plate flush with the back side of the gauge base and tighten the screws.

4. It is important that the blade sits flush with the inside flank of the gauge plate, the planer blade locating lugs sit in the blade groove and the heel of the adjusting plate is flush with the back side of the gauge base. Check this alignment carefully to ensure uniform cutting.

5. Slip the heel of the adjusting plate into the groove of the drum.



1. Screws
2. Adjusting plate
3. Planer edge locating lugs
4. Gauge plats
5. Heel of adjusting plate
6. Set plate
7. Inside flank of gauge plate
8. Gauge base
9. Back side of gauge base
10. Mini planer blade

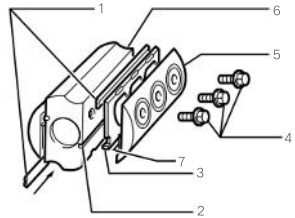
6. Set the drum cover over the adjusting plate/set plate and screw in the three bolts so that a gap exists between the drum and the set plate to slide the mini planer blade into position. The blade will be positioned by the planer blade locating lugs on the set plate.

7. The blade's lengthwise adjustment will need to be manually positioned So that the blade ends are clear and equidistant from the housing on one side and the metal bracket on the other.

8. Tighten the three bolts (with the socket wrench provided) and rotate the drum to check clearances between the blade ends and the tool body.

9. Check the three bolts for final tightness.

10. Repeat procedures 1 - 9 for the other blade.



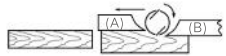
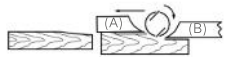
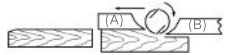
1. Mini planer blade
2. Groove
3. Set plate
4. Bolts
5. Drum cover
6. Drum
7. Adjusting plate
8. Gauge base

REGULAR CORRECT PLANER BLADE SETTING

Your planing surface will end up rough and uneven, unless the blade is set properly and securely. The blade must be mounted so that the cutting edge is absolutely level, that is, parallel to the surface of the rear base.

Refer to some examples below for proper and improper settings.

(A) Front base (Movable shoe)
(B) Rear base (Stationary shoe)

Correct setting		Although this side view cannot show it, the edges of the blades run perfectly parallel to the rear base surface.
Nicks in surface		Cause: One or both blades fails to have edge parallel to rear base line.
Gouging at start		Cause: One or both blade edges fails to protrude enough in relation to rear base line.
Gouging at end		Cause: One or both blade edges protrudes too far in relation to rear base line.

OPERATION

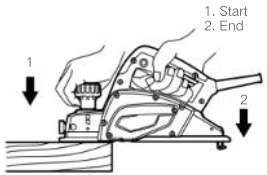
Hold the tool firmly with one hand on the knob and the other hand on the switch handle when performing the tool.

PLANING OPERATION

First, rest the tool front base flat upon the workpiece surface without the blades making any contact. Switch on and wait until the blades attain full speed. Then move the tool gently forward. Apply pressure on the front of tool at the start of planing, and at the back at the end of planing.

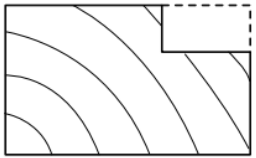
Planing will be easier if you incline the workpiece in stationary fashion, so that you can plane somewhat downhill.

The speed and depth of cut determine the kind of finish. The power planer keeps cutting at a speed that will not result in jamming by chips. For rough cutting, the depth of cut can be increased, while for a good finish you should reduce the depth of cut and advance the tool more slowly.

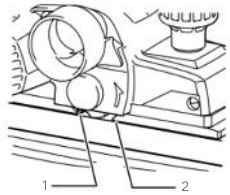


SHIPLAPPING (RABBETING)

To make a stepped cut as shown in the figure, use the edge fence (guide rule).

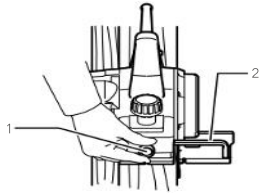


Draw a cutting line on the workpiece. Insert the edge fence into the hole in the front of the tool. Align the blade edge with the cutting line.



1. Blade edge
2. Cutting line

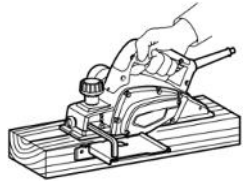
Adjust the edge fence until it comes in contact with the side of the workpiece, then secure it by tightening the screw.



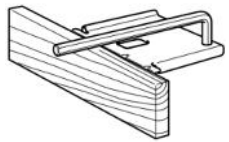
1. Screw
2. Edge fence（Accessory）

When planing, move the tool with the edge fence flush with the side of the workpiece. Otherwise uneven planing may result.

Maximum shiplapping (rabbeting) depth is 9 mm.



You may wish to add to the length of the fence by attaching an extra piece of wood. Convenient holes are provided in the fence for this purpose, and also for attaching an extension guide (optional accessory).

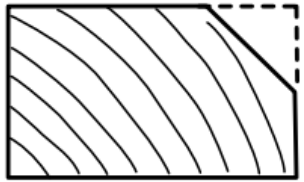


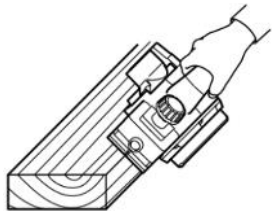
NOTE ⚠

The shape of the guide rule is differ from country to country. In some country, the guide rule is not included as a standard accessory.

CHAMFERING

To make a chamfering cut as shown in the figure, align the "V" groove in the front base with the edge of the workpiece and plane it.





MAINTENANCE

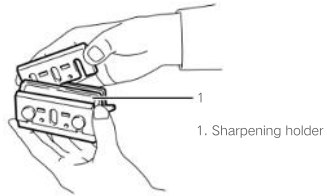
WARNING ⚠

Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

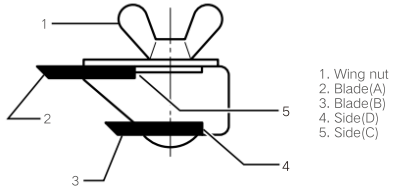
Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

SHARPENING THE PLANER BLADES FOR CONVENTIONAL BLADES ONLY

Always keep your blades sharp for the best performance possible. Use the sharpening holder (optional accessory) to remove nicks and produce a fine edge.



1. Sharpening holder



1. Wing nut
2. Blade(A)
3. Blade(B)
4. Side(D)
5. Side(C)

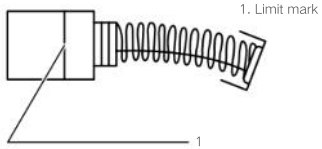
First, loosen the two wing nuts on the holder and insert the blades (A)and(B), so that they contact the sides (C) and (D). Then tighten the wing nuts.

Immerse the dressing stone in water for 2 or 3 minutes before sharpening .Hold the holder so that the both blades contact the dressing stone for simultaneous sharpening at the same angle.

REPLACING CARBON BRUSHES

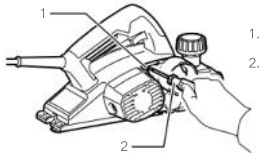
Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders.

Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

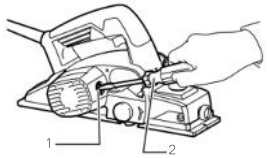


Use a screwdriver to remove the chip cover or nozzle.

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



1. Chip over or Nozzle
2. Screwdriver



1. Brush holder cap
2. Screwdriver

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.