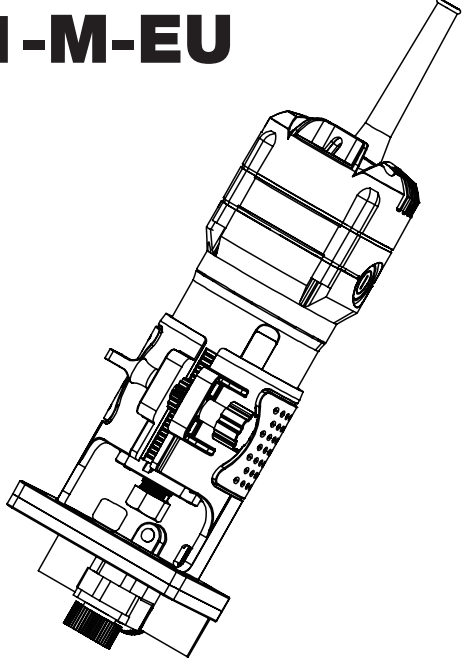


NO.	DESCRIPTION	NO.	DESCRIPTION
1	CABLE C/W PLUG	32	ADJUSTMENT KNOB A
2	TRIANGLE RUCKLE	33	WASHER
3	ROUND RUCKLE	34	ADJUSTMENT BLOCK
4	TAPPING SCREW ST4*16	35	DEPTH ADJUSTMENT BLOCK
5	REAR COVER	36	FIXING POLE
6	SWITCH	37	NUT M5
7	TAPPING SCREW ST4*12	38	POSITION BLOCK
8	CABLE CLAMP	39	ADJUSTMENT KNOB B
9	SWITCH POLE	40	SLOTTED HEAD SCREW M4*10
10	CABLE PROTECTOR	41	TAPPING SCREW M4*10
11	MIDDLE COVER	42	BASE PLATE
12	BRUSH TERMINAL	43	FENDER
13	BRUSH HOLDER	44	DUST GUARD
14	CARBON BRUSH(2pcs)	45	FIXING NUT A
15	BRUSH COVER	46	SPRING WASHER
16	SPECIFICATION LABEL	47	FIXING NUT B
17	LOGO LABEL	48	PINTON GEAR
18	STATOR ASSEMBLY	49	EASTENER
19	BEARING 608	50	RUBBER CASE
20	DUST RING	51	PITCH PLATE
21	TAPPING SCREW ST4*65	52	PIN
22	ROTOR ASSEMBLY	53	ROD
23	BEARING 6002	54	SPANNER 12
24	COLLECT C/W CLAMP	55	SPANNER 17
25	COLLECT C/W CLAMP NUT	56	GUIDE BUSH
26	SLOTTED HEAD SCREW ST4*12	57	NUT M6*12
27	BEARING COVER	58	FIXING BRACKET
28	HOUSING	59	GUIDE BASE
29	DEPTH INDICATOR LABEL	60	WAVE WASHER
30	TAPPING SCREW ST4*22	61	WASHER
31	DUST COVER	62	WING NUT



เครื่องทริมเมอร์ 1/4" ELECTRIC TRIMMER PRE5.1-M-EU



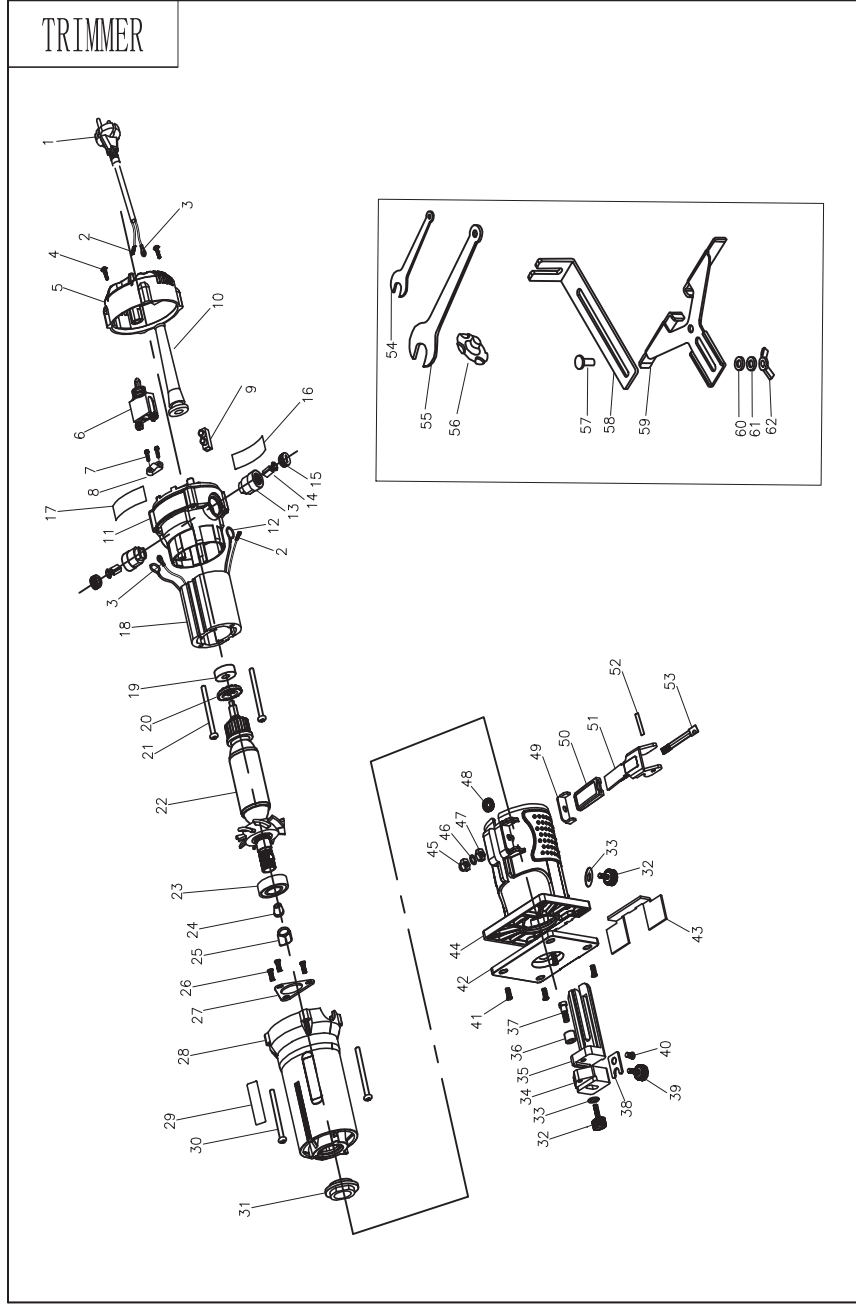
SIAM GLOBAL HOUSE PUBLIC CO.,LTD
232 MOO 19 TUMBONG ROBMUANG AMPHUR MUANG ROH-ET,45000 THAILAND

GENERAL SAFETY RULES

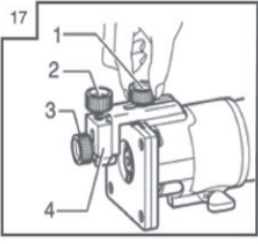
WARNING Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

GENERAL OPERATIONAL PRECAUTIONS

- WORK AREA**
 - Keep work area clean and well lit. Cluttered benches and dark areas invite accidents.
 - Do not operate power tools in explosive atmospheres, such as in presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
 - Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.
- ELECTRICAL SAFETY**
 - Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for the three wire grounded power cord and grounded power supply system.
 - Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
 - Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
 - Do not abuse the cord. Never use the cord to carry the tool or pull from a receptacle. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- PERSONAL SAFETY**
 - Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of distraction while operating power tools may result in serious personal injury.
 - Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
 - Avoid accidental starting. Be sure switch is "OFF" before plugging in. Carrying tools with your finger on the switch or plugging in tools that have the switch "ON" invites accidents.
 - Remove adjusting keys or wrenches before turning the tool on. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
 - Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
 - Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat, or ear plugs must be used for appropriate conditions.
- TOOL USE AND CARE**
 - Use clamps or other practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
 - Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
 - Do not use tool if switch does not run in or out. Any tool that cannot be controlled with the switch is dangerous and must be repaired.
 - Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
 - Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hand of untrained users.
 - Maintain tools with care. Keep tools sharp and clean. Keep handles dry, clean and free from oil and grease. Any alteration or modification in a misuse and may result in a dangerous condition.
 - Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
 - Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool, may become hazardous when used on another tool.

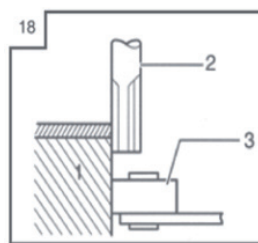


- Use the fixing nut (A) to assemble the bearing guide to the base plate. Loosen the fixing nut (B) to adjust the distance between cutting bits and the bearing guide seat. When achieve proper distance, screw the fixing nut (B) tightly (Fig.13).



- Note:**
- Fixing nut (A)
 - Fixing nut (B)
 - Adjusting nut
 - Bearing guide seat

- When operating the tool, please keep the bearing guide tightly to the edge of the work piece (Fig.16).



- Note:**
- Work piece
 - Cutting bit
 - Bearing guide seat

5. SERVICE

- Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.

When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of electric shock or injury.

TRIMMER SAFETY RULES

- Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with "live" wire will make exposed metal parts of the tool "hot" and shock the operator.

WARNING

Under no circumstances is the trimmer base saw to be removed from the trimmer in order to use bits that are too large to use with the base assembly attached. The removal of the trimmer base and using the trimmer "Free Hand" can lead to SERIOUS BODY INJURY.

WARNING

This trimmer has sharp, fast-moving parts. MISUSE CAN CAUSE SERIOUS INJURY.

- Never operate the trimmer if the clear plastic cover is not in place.
- Never touch the bit, cutter or any other moving parts while the trimmer is in operation.
- Never lay the trimmer down until it has stopped rotating completely.
- Hold the tool firmly when starting, or stop or rotation creates significant torque. This can cause you to drop the tool if you are not holding it firmly.
- Secure the object being moved by clamping or holding it in place. Never hold by hand.

- Make sure the workpiece is free of nails or other debris. These can interfere with the cutting process, and possibly cause damage or injury.

- Be careful to use the Power Switch properly. Be aware that the trimmer will continue to operate while the Power Switch is ON. You must manually turn the switch to "OFF" to stop the motor.

- Hold the tool firmly while cutting. The action of the blade against the workpiece can cause it to "kick out," jumping rapidly away from the workpiece. If you experience excessive "kick out," check your blade to assure that it is the proper type for the material being cut, and that it is sharp.

- Do not handle the trimmer bit immediately after use. It may be very hot, potentially causing burns or injury.

- People with pacemakers should consult their physicians before using this product. Electromagnetic fields in close proximity to a heart pacemaker could cause malfunctions or failure of the pacemaker.

WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement or other masonry products
- Asbestos and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

- Avoid overloading the tool.

- If the speed drops abnormally, decrease the pressure on the bit immediately.

- Do not apply excessive pressure to the trimmer while cutting.

- Always use sharpened bits. If the bit drops abruptly, or the bit becomes blocked, release the trigger switch immediately.

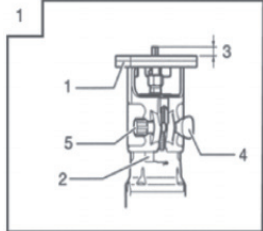
- Never start the trimmer while the bit is in contact with any material. Allow the tool to reach its normal operating speed before applying to the workpiece.

WARNING

The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that COMBOS (ELECTRIC) AND CACTUS (ELECTRIC) ARE NOT TO BE USED AS A BATTERY-POWERED TOOL, BUT MUST BE SUPPLIED BY THE OPERATOR.

OPERATING INSTRUCTION

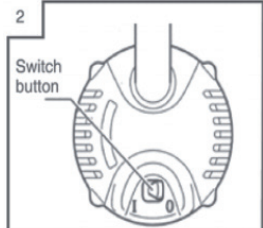
WARNING Before adjusting the function of the tool, please make sure the tool is off and the plug does not connect to the electricity.



- Note:**
- Base seat
 - Depth indicator
 - Cutting depth
 - Fixing knob
 - Adjusting screw

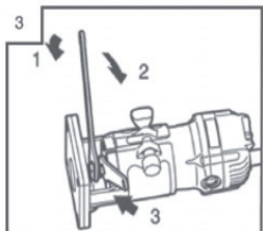
- Switch ON and OFF

To turn on the tool, just turn the switch button to "I" position. To turn off the tool, just turn the switch button to "O" position (Fig.2).



- Assemble and disassemble the bits

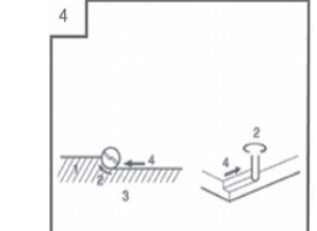
When assemble the bits, put the bit into the collet first, and then use the two spanners to fixing the clamping nut. Use the spanners to disassemble the bits contrary procedure (Fig.3).



- Note:**
- Disassembly direction
 - Assembly direction
 - Keep

- Reversing Switch Action

- Put the tool onto the work piece but the cutting bits do not touching it. Turn on the tool. When the tool achieves the full speed, keep it moving forward to correct direction. Make sure to keep the base plate trimly with the working objects and keep the tool moving even speed (Fig.4).

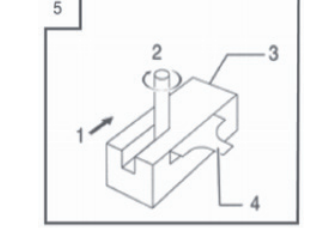


- Note:**
- Work piece
 - Reversing direction of cutting bits
 - Overlook from top
 - Feeding direction

WARNING

If moving the tools forward too fast will cause the bad quality of work piece, damaging the cutting bits or motor of the tool. If moving the tools forward to slowly will cause the cutting bits too hot and bad quality of work piece. Before starting cutting, please try cutting firstly to some wasted work piece. This will tell you the cutting quality and then you could adjust the tool.

- When using the parallel guide or guide bar, please make sure to install it onto the right hand of feeding direction. Parallel bar and guide are for fine cutting of the tools (Fig.5).



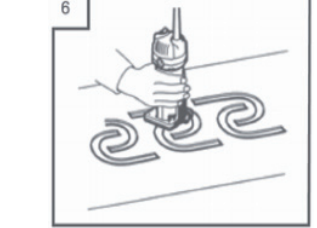
- Note:**
- Feeding direction
 - Workpiece
 - Rotating direction of cutting bits
 - Parallel guide

WARNING

If feeding the tool too much will cause overload of the motor. The maximum cutting depth of the tool is 3mm. If you need depth more than 3mm, you could achieve it by cutting couple of times.

- Guide bush

- There is a guide bush in accessories. The cutting bit could get through the guide bush cutting the work piece according to step (Fig.6).



- Cutting circle

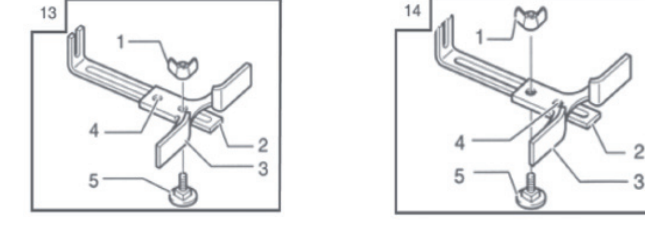
- If you assemble the parallel guide a according to the Fig.12 and Fig.14, then you could cut the circle with the tool. The cutting radius (the distance between cutting bits and the center of circle): Minimum Radius: 70mm

- Maximum Radius: 323mm

- If you want to cut the circle between 70mm to 323 mm radius, you could assemble the parallel guide according to Fig.13.

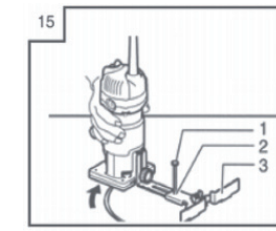
- If you want to cut the circle between 323mm to 223 mm radius, you could assemble the parallel guide according to Fig.14.

- You could not cut the circle between 323mm to 346 mm radius.



- Note:**
- Screws
 - Base plate
 - Parallel guide
 - Center hole
 - Bolt

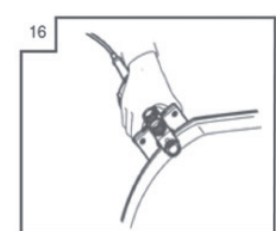
- Put the center hole on the parallel guide onto the center on work piece. Put a nail less than 6mm to the center hole to fix the parallel guide. Cutting the work piece by direction of clock wise (Fig.15).



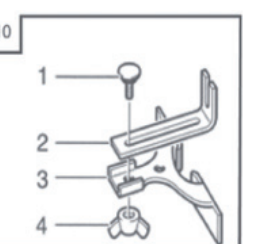
- Note:**
- Nail
 - Center hole
 - Parallel guide

- Bearing guide

- You could operate the tool conveniently with for home furniture like desk, bed, seat etc with the bearing guide. The tool could move with the bearing guide agily to assure precise cutting (Fig.16).

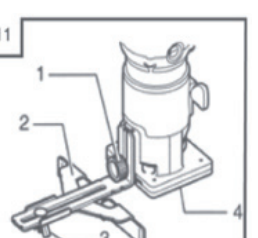


- Use the bolt and wing nut to assemble guide bar to the parallel guide (Fig.10).



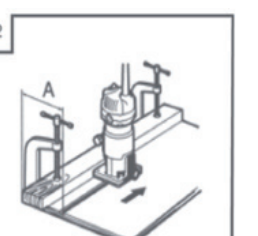
- Note:**
- Bolt
 - Guide bar
 - Parallel guide
 - Wing nut

- Use the fixing screw to assemble the parallel guide. Screw out the wing nut on parallel guide. Adjust the distance between the cutting bit and parallel guide. Adjust the distance between the cutting bit and parallel guide. When achieving the proper distance, please fixing the wing nut tightly (Fig.11).

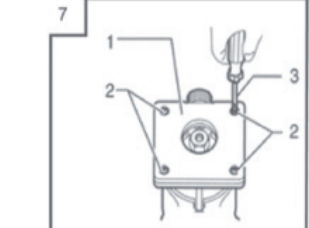


- Note:**
- Fixing screw
 - Parallel guide
 - Wing nut
 - Base plate

- If the distance from the edge of the work piece to cutting line is too far, then you could not use the parallel guide. Under such condition, please fix a straight guide onto the work piece tightly as a guide plate for cutting. Then move the tool forward along the edge of this guide plate (Fig.12).

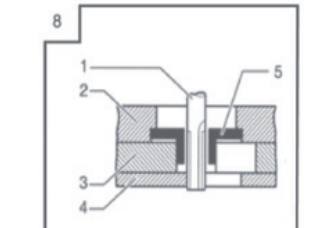


- Take down the base plate by loosen the screws. Put the guide bush onto the base plate then fix back onto the tool. Screw it tightly (Fig.7).



- Note:**
- Base plate
 - Screws
 - Screwdriver

- Fix the logo guide onto the work piece. Move the tool forward to cutting the work piece according to the side line of guide (Fig.8).



- Note:**
- Cutting bit
 - Base plate
 - Logo guide
 - Work piece
 - Guide bush

- Parallel guide (optional accessory)

- When cutting edge or groove of work piece, the parallel guide is quite useful (Fig.9).

