GENERAL POWER TOOL SAFETY WARNINGS

**WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions 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
1) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2) 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.
3) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. ELECTRICAL SAFETY
1) 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.
2) 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.
3) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4) 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.
5) 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.
6) 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
1) 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.
2) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3) 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.
4) 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.
5) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6) 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.
7) 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.
4. POWER TOOL USE AND CARE
1) 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.

2) 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.

3) Disconnect the plug from the power source and/or the battery pack 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.

4) 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.

5) Maintain power tools. 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.

6) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

7) 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.

5. SERVICE
1) 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.

SAFETY WARNINGS FOR ALL SAWs

a) **DANGER:** Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.

b) **Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.

c) Adjust the cutting depth to the thickness of the workpiece. Less than a full tooth of the blade teeth should be visible below the workpiece.

d) **Never hold piece being cut in your hands or across your leg.** Secure the workpiece to a stable platform. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.

e) **Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a “live” wire will also make exposed metal parts of the power tool “live” and shock the operator.

f) **When ripping always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.

g) **Always use blades with correct size and shape (diamond versus round) of arbour holes.** Blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.

h) **Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

FURTHER SAFETY INSTRUCTIONS FOR ALL SAWs

KICKBACK CAUSES AND RELATED WARNINGS

- kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an
uncontrolled saw to lift up and out of the workpiece toward the operator;
- when the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
- if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade. Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.

b) When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur. Investigate and take corrective actions to eliminate the cause of blade binding.

c) When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material. If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.

d) Support large panels to minimise the risk of blade pinching and kickback. Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.

e) Do not use dull or damaged blades. Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.

f) Blade depth and bevel adjusting locking levers must be tight and secure before making cut. If blade adjustment shifts while cutting, it may cause binding and kickback.

g) Use extra caution when making a “plunge cut” into existing walls or other blind areas. The protruding blade may cut objects that can cause kickback.

SAFETY INSTRUCTIONS FOR PLUNGE TYPE SAW

GUARD FUNCTION

a) Check guard for proper closing before each use. Do not operate the saw if guard does not move freely and enclose the blade instantly. Never clamp or tie the guard with the blade exposed. If saw is accidentally dropped, guard may be bent. Check to make sure that guard moves freely and does not touch the blade or any other part, in all angles and depths of cut.

b) Check the operation and condition of the guard return spring. If the guard and the spring are not operating properly, they must be serviced before use. Guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.

c) Assure that the base plate of the saw will not shift while performing the “plunge cut” when the blade bevel setting is not at 90°. Blade shifting sideways will cause binding and likely kickback.

d) Always observe that the guard is covering the blade before placing saw down on bench or floor. An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

ADDITIONAL SAFETY RULES FOR CIRCULAR SAW

1. Always wear a dust mask, hearing protection and eye protection.
2. Only use saw blades recommended in the specification.
3. Do not use any abrasive wheels.
4. Use only blade diameter(s) in accordance with the markings.

GENERAL SAFETY WARNINGS FOR YOUR LASER

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

These lasers do not normally present an optical hazard although staring at the beam may cause flash blindness. Do not stare directly at the laser beam. A hazard may exist if you deliberately stare into the beam, please observe all safety rules as follows:

1. The laser shall be used and maintained in accordance with the manufacturer’s instructions.

2. Never aim the beam at any person or an object other than the work piece.

3. The laser beam shall not be deliberately aimed at another person and shall be prevented from being directed towards the eye of a person for longer than 0.25 seconds.

4. Always ensure the laser beam is aimed at a sturdy work piece without reflective surfaces, e.g wood or rough coated surfaces are acceptable. Bright shiny reflective sheet steel or similar is not suitable for laser applications as the reflective surface may direct the laser beam back at the operator.

5. Do not change the laser device with a different type. Repairs must be carried out by the manufacturer or an authorized agent.

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

ADDITIONAL SAFETY WARNING FOR CLASS 2 LASER

The laser device fitted to this tool is class 2 with a maximum radiation of 3mW and 650nm wavelength. CLASS 2 LASER RADIATION, DO NOT STARE INTO BEAM
Symbols

To reduce the risk of injury, user must read instruction manual.

Warning

Double insulation

Wear eye protection

Wear ear protection

Wear 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.

Laser radiation

Do not stare into beam
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<table>
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<tbody>
<tr>
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<td>SOFT GRIP HANDLE</td>
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<tr>
<td>2.</td>
<td>MOTOR HOUSING</td>
</tr>
<tr>
<td>3.</td>
<td>SAFETY RELEASE TRIGGER AND PADDLE SWITCH</td>
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<tr>
<td>4.</td>
<td>DEPTH OF CUT SCALE</td>
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<td>5.</td>
<td>GUARD RELEASE LEVER</td>
</tr>
<tr>
<td>6.</td>
<td>GUARD FINGER LIFT BRACKET</td>
</tr>
<tr>
<td>7.</td>
<td>DUST EXTRACTION TUBE (See Fig. Q)</td>
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<td>LOWER BLADE GUARD</td>
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<td>9.</td>
<td>UPPER BLADE GUARD</td>
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<tr>
<td>10.</td>
<td>LENGTH OF CUT INDICATOR SCALE</td>
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<td>11.</td>
<td>BLADE CLAMPING WASHER</td>
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<td>SPINDLE CLAMPING SCREW</td>
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<td>MOUNTING SLOTS FOR PARALLEL GUIDE</td>
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<td>DEPTH OF CUT ADJUSTMENT AND LOCK LEVER</td>
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<td>15.</td>
<td>LASER GUIDE AND LED WORK LIGHT</td>
</tr>
<tr>
<td>16.</td>
<td>HANDLE ADJUSTMENT BUTTON</td>
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<tr>
<td>17.</td>
<td>LASER AND LED ON/OFF SWITCH</td>
</tr>
<tr>
<td>18.</td>
<td>BASE PLATE</td>
</tr>
<tr>
<td>19.</td>
<td>NON-SCRATCH BASE COVER (See Fig. R)</td>
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<tr>
<td>20.</td>
<td>PARALLEL GUIDE LOCKING SCREW (See Fig. N1)</td>
</tr>
</tbody>
</table>

Not all the accessories illustrated or described are included in standard delivery.
TECHNICAL DATA

Type WX424 WX424.1 WX424.2 WX424.3 (4- designation of machinery, representative of Saw)

<table>
<thead>
<tr>
<th>Voltage</th>
<th>230-240V~50Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power input</td>
<td>310W</td>
</tr>
<tr>
<td>No load speed</td>
<td>2800/min</td>
</tr>
<tr>
<td>Blade diameter</td>
<td>76x10mm</td>
</tr>
<tr>
<td>Cutting capacity</td>
<td>22mm</td>
</tr>
<tr>
<td>Protection class</td>
<td>/II</td>
</tr>
<tr>
<td>Machine weight</td>
<td>1.5kg</td>
</tr>
</tbody>
</table>

NOISE AND VIBRATION DATA

A weighted sound pressure
\[ L_{P_A} = 82\text{dB(A)} \]
\[ K_{P_A} = 3.0\text{dB(A)} \]
A weighted sound power
\[ L_{W_A} = 93\text{dB(A)} \]
\[ K_{W_A} = 3.0\text{dB(A)} \]
Wear ear protection when sound pressure is over 80dB(A)

VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 60745:

Typical weighted vibration
Vibration emission value \( a_h = 6.01\text{m/s}^2 \)
Uncertainty \( K = 1.5\text{m/s}^2 \)

WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:
How the tool is used and the materials being cut or drilled.
The tool being in good condition and well maintained.
The use the correct accessory for the tool and ensuring it is sharp and in good condition.
The tightness of the grip on the handles and if any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.
WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.
Helping to minimise your vibration exposure risk.
ALWAYS use sharp chisels, drills and blades.
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).
If the tool is to be used regularly then invest in anti vibration accessories.
Avoid using tools in temperatures of 10°C or less.
Plan your work schedule to spread any high vibration tool use across a number of days.

ACCESSORIES

<table>
<thead>
<tr>
<th></th>
<th>WX424</th>
<th>WX424.1</th>
<th>WX424.2</th>
<th>WX424.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacuum adaptor</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Non-scratch base cover</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Parallel guide</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Hex key</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Blade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24T TCT for wood</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>44T HSS for general blade</td>
<td>1</td>
<td>1</td>
<td>/</td>
<td></td>
</tr>
<tr>
<td>50grit diamond disc</td>
<td>1</td>
<td>1</td>
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</tbody>
</table>

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.
OPERATION INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

INTENDED USE:
The machine is intended for lengthways and crossways cutting of wood with straight cutting lines, aluminium, PVC pipe and tile, etc., while resting firmly on the work piece.

1. INSTALL/CHANGE THE BLADE (See Fig. A)

WARNING: Be sure to wear protective work gloves while handling a saw blade. The blade can injure unprotected hands.

WARNING: This tool will be extremely hot after use. Be sure to let saw, blade and blade spindle clamping screw cool before changing blades.

a. Unplug the saw.

WARNING: To prevent personal injury, Always disconnect the plug from power source before assembling parts, making adjustments or changing blades.

b. Loosen the blade spindle clamping screw using the two hex keys included. Place one key into the blade spindle clamping screw and the other key into the back of the spindle assembly. (See Fig. A)

c. Turn the key that is in the clamping screw clockwise while holding the other key stationary.

d. Remove the screw and the blade clamping washer. (See Fig. B)

e. Set the depth of cut scale to the maximum depth of 22 mm. Release the blade release lever and raise the base with the finger lift bracket to expose the blade below the base.

f. Grasp the blade with your gloved hand and remove the blade, or install the blade, through the blade slot in the base.

g. Place the new saw blade through the blade slot in the base and onto the spindle shaft.

NOTE: The teeth of the blade should point upward at the front of the saw as shown in (See Fig. B).

NOTE: The warning copy and the Blade Rotation Arrow shown on the blade should face outward towards the operator so it can be viewed (See Fig. C).

h. Replace the blade clamping washer.

i. Replace the spindle screw and hand tighten it in a
Mini multi-function saw

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**Mini multi-function saw WX424 WX424.I WX424.2 WX424.3**

clockwise direction.

j. Use the two hex keys to tighten the spindle clamping screw thoroughly.

k. Place the two hex keys back in the case.

**NOTE:** Never use a blade that is too thick to allow the blade clamping washer to engage with the flat side of the spindle.

2. MAKING DEPTH OF CUT ADJUSTMENTS

*(See Fig. D)*

**NOTE:** Always use the correct blade depth setting. The correct blade depth setting for all cuts should not be more than 6 mm below the material being cut. Allowing more depth will increase the chance of kickback and cause the cut to be rough. Your saw is equipped with a depth of cut scale that provides increased depth of cut accuracy. The depth of cut scale is located on the top of the upper blade guard (See Fig. D).

Our suggest cut depth:

<table>
<thead>
<tr>
<th>Material</th>
<th>Max. cut depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>0 - 22mm</td>
</tr>
<tr>
<td>Alu</td>
<td>0 - 3mm</td>
</tr>
<tr>
<td>Pvc pipe</td>
<td>0 - 12mm</td>
</tr>
<tr>
<td>Tile</td>
<td>0 - 8mm</td>
</tr>
</tbody>
</table>

**TO SET THE BLADE DEPTH (Fig. E1, E2)**

Determine the desired depth of cut. Unlock the depth of cut and length of cut Indicator adjustment/Lock lever. Slide the depth of cut indicator to the desired depth of cut. Lock down the depth of cut adjustment / lock lever. The length of cut indicator (See Fig. D) is ideal for plunge or pocket cutting into the middle (or interior) of the work piece when you need to know where the cut will begin and where it will end. This feature allows you to pinpoint the location where the blade will plunge into the work piece, based on the blade depth that was selected. Always practice in a scrap work piece to become familiar with this cutting operation. The selected depth of cut is now set. When the saw’s blade is manually lowered (See Fig. Ka, Kb), the blade will be below the base at the selected depth.

3. ADJUSTING THE 3-POSITION HANDLE

*(See Fig. F)*

Your saw has handle/motor housing with soft-grip that adjusts to 3 different cutting angles, 0°, 15°, and 30°. This feature provides more efficient cutting angles for
various applications and added gripping comfort with maximum control.
Grasp the handle with one hand and push the handle adjustment button “IN” to release the handle for adjustment. Move the handle forward or backward (See Fig. F) to locate the 3 different positions. When the handle moves into 1 of the 3 positions the adjustment button will snap out and the handle will lock into position. When adjusting the handle, Always be sure that the button has snapped out and the handle is locked in position. If the handle still moves forward or backward, repeat the process until the handle is locked securely in position.

**WARNING:** Do not operate the saw if the handle is not locked in position and can still move forward or backward. Failure to lock the handle in 1 of 3 cutting positions could cause loss of control of saw and result in serious injury.

4. **TRIGGER SWITCH (See Fig. G)**
To activate the trigger switch to turn the saw “ON”, place your index and middle fingers into the molded finger grip trigger safety release switch, and the other two fingers on the trigger paddle (See Fig. G). Squeeze the finger grip “back” until it “clicks”, then depress the trigger paddle to turn the saw “ON”. To stop the saw, release your grip on the trigger paddle, and the finger grip safety release switch will move back into the “OFF” position.

5. **USING THE LASER LIGHT FEATURE AND LED WORKLIGHT (See Fig. H, I)**

**WARNING:** DO NOT stare into beam. Only turn laser beam on when the saw is on the work piece.
Your saw has a built-in laser light. To activate laser light switch, saw must be plugged into power source.

a. Do not turn the laser beam on until the saw is on the work piece.
b. Mark the line of cut on the work piece.
c. Adjust the cutting angle and cutting depth as needed.
d. Plug in the saw and push the laser switch forward to turn on the laser.
e. Always shut off the laser light when you are finished cutting.
f. Your circular saw has a built-in work light for better visibility when cutting. To turn on the LED work light, the saw must be plugged in. Push the switch from OFF to LED.
6. STARTING A CUT (See Fig. J, K, L1, L2)
a) Set-up and clamp your work piece and mark your cut line.
b) Set the handle on the saw to the desired angle for your cutting application.
c) Set the depth of cut (with corresponding length of cut).
d) Position the front of the saw’s base onto the leading end (edge) of the work piece that is solidly supported. Align the center of the “V” notch on the front of the base with the cut line (See Fig. J).
e) Manually release the blade guard release lever while holding the finger lift bracket on the rear of the base (See Fig. Ka, Kb) as you lower the saw’s handle and blade to the selected depth.

**Make sure the blade is not making contact with the workpiece.**
f) With both hands on the handle, squeeze the trigger’s molded finger grip safety release “backward” while squeezing down on the paddle switch to turn the saw “On.”
g) Let the blade reach full speed before you enter the work piece, starting your cut.
h) Press down on the saw, keeping the front of the base flat against the work piece as you slowly push the saw’s blade into the work piece (See Fig. Kc).
i) Carefully guide the saw through the line of cut. Do not bind the blade in the cut; Push the saw blade forward at a rate where the blade is not laboring. When the cut is complete, release the trigger safety release and paddle switch and let the blade come to a complete stop. Do not remove the saw and blade from the work piece while the blade is moving. This could damage your cut, cause kickback, loss of control and result in serious injury.
j) When the blade and saw are clear of and removed from the work piece (See Fig. Kf), the lower blade guard and base will be able to automatically drop down and the blade guard release lever will engage the upper blade guard, locking the blade above the base (See Fig. Kg).

**WARNING: Never use the saw with your hands positioned as shown in Fig. L2.**
7. MAKING CROSS CUTS AND RIP CUTS
(See Fig. M1, M2)

a) **Always** use your saw with your hands positioned correctly (See Fig. M1, M2).

**WARNING:** Always maintain proper control of the saw to make sawing safer and easier. Loss of control of the saw could cause an accident resulting in possible serious injury.

b) When making cross or rip cuts, align your line of cut with the center of the “V” notch located on the front of the saw's base (See Fig. J).

c) Since the thickness of blades varies, make a trial cut in scrap material along the guideline to determine how much, if any, you should offset the blade from the guideline to allow for the blade thickness to get an accurate cut.

**Making rip cuts (See Fig. M2)**
Always use a guide when making long or wide rip cuts with your saw. You can use either a straight edge (sold separately), or use the parallel guide that is included with your saw.

8. CUTTING WITH A STRAIGHT EDGE
(See Fig. M1)
You can make an efficient rip guide by clamping a straight edge to your work piece.

a) Mark the position of the side edge of the saw’s base (cutting platform) and then securely clamp the straight edge (sold separately) on the mark and parallel to the cut line.

b) As you cut, keep the edge of the saw’s base flush against the straight edge and flat on the work piece.

c) Always let the blade reach full speed, then carefully guide the saw into the work piece. Do not bind the blade in the cut. Push the saw forward at a speed where the blade is not laboring.
9. INSTALLING AND USING THE PARALLEL GUIDE (See Fig. N1, N2, N3)

Your saw comes with a parallel guide that is 7-inches long on the guide edge. It allows you to make accurate parallel cuts when trimming a work piece. It attaches to the saw's base. The arm of the parallel guide is stamped, on both sides, 0 to 7 inches in 1/4-inch increments and 1 to 18 centimeters in 10-mm increments for easy adjustment of your cut. The parallel guide can be used with the guide edge turned down to guide along the edge of a work piece for rip or cross cuts (See Fig. N2), or turned up to guide against a wall for inside cuts (See Fig. N3).

a) Position the parallel guide so the arm can slide into the mounting slots at the front of the saw's base (See Fig. N1), and loosen the retaining screw.

b) Adjust the parallel guide to the desired length of cut.

c) Tighten the parallel guide locking screw(20).

d) Clamp and support the work piece securely before making your cut.

e) Place the parallel guide firmly against the edge of the work piece (See Fig. N2), or against a wall (See Fig. N3). Doing this will help give you a true cut without pinching the blade.

f) Be sure that the guiding edge of the work piece, or the wall, is straight so you can produce a straight cut (See Fig. N2,N3).

g) **Always let the blade reach full speed**, then carefully guide the saw into the work piece. Do not bind the blade in the cut. Push the saw forward at a speed where the blade is not laboring.
10. PLUNGE OR POCKET CUTTING
(See Fig. 0a, Ob, Oc)

Cutting into a solid base surface

One of the major benefits of this saw is its ability to make plunge cuts directly into the middle, or interior of a work piece, or plunge cut directly into a solid base surface such as sub-flooring, siding, paneling and hardwood or laminate flooring that is mounted on top of sub-flooring.

a) Mark the cut line on the surface to be cut.
b) Set the depth of cut to the thickness of the material to be cut, (sub/floor, siding, laminate flooring, etc.)
c) Align (position) the saw base on the work piece to your mark, using the length of cut guide (so that your starting point lines up with the mark corresponding to the depth of cut setting (See Fig. D).
d) Activate the trigger safety release and paddle switches and turn the saw “On”.
e) Let the blade reach full speed.
f) Manually release the blade guard release lever while holding the finger lift bracket on the rear of the base (See Fig. Oa).
g) A. Slowly lower the blade into the work piece.
   B. Carefully guide the saw through the line of cut until the forward depth marking on the length of cut guide located on the saw’s base aligns with the end of cut marking on your work piece. (Do not bind the blade in the cut; push the saw blade forward at a rate where the blade is not laboring).
   C. When the cut is complete, release the trigger safety release and paddle switch and let the blade come to a complete stop. Do not remove the saw and blade from the work piece while the blade is moving. This could damage your cut, cause kickback and loss of control, resulting in serious injury.
h) When the blade and saw are clear of and removed from the work piece, the lower blade guard and base will be able to automatically drop down and the blade guard release lever will engage the upper blade guard, locking the blade above the base.
11. SAWDUST REMOVAL (See Fig. Q)
Your saw includes a hose adapter tube that attaches to the built-in dust extraction port (7) on the saw (See Fig. Q). This adapter tube can be attached to a wet/dry vacuum cleaner (sold separately). This will help remove dust, chips and cutting debris away from the cutting area.

12. NON-SCRATCH BASE COVER (See Fig. R)
Your saw includes a non-scratch base cover (19). Attach it to your saw’s base when you are cutting work pieces that have delicate surfaces (finishes) such as vinyls, plastics, fiberglass, laminate flooring and tiles that could easily be scratched or scraped with the steel base on the saw.
**WORKING HINTS FOR YOUR TOOL**

If your power tool becomes too hot, please run your circular saw no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds.

Protect saw blades against impact and shock. Excessive feed significantly reduces the performance capability of the machine and reduces the service life of the saw blade. Sawing performance and cutting quality depend essentially on the condition and the tooth form of the saw blade. Therefore, use only sharp saw blades that are suited for the material to be worked.

**MAINTENANCE**

**Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.**

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

**ENVIRONMENTAL PROTECTION**

- Waste electrical products should not be disposed of with household waste.
- Please recycle where facilities exist.
- Check with your local authorities or retailer for recycling advice.

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**PLUG REPLACEMENT (UK & IRELAND ONLY)**

If you need to replace the fitted plug then follow the instructions below.

**IMPORTANT**

The wires in the mains lead are colored in accordance with the following code:

- **Blue** – Neutral
- **Brown** – Live

As the colors of the wires in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with N. The wire which is coloured brown must be connected to the terminal which is marked with L.

**WARNING:** Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved BS1363/A plug and the correct rated fuse.

**NOTE:** If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.

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**Mini multi-function saw**

WX424 WX424.1
WX424.2 WX424.3
DECLARATION OF CONFORMITY

We, Positec Power Tools (Europe) Ltd, PO Box 152, Leeds, LS10 9DS, UK

Declare that the product,
Description WORX Mini multi-function saw
Type WX424 WX424.1 WX424.2 WX424.3 (4-designation of machinery, representative of saw)
Function Cutting various materials with a rotating toothed blade

Complies with the following directives,
Machinery directive 2006/42/EC
Electromagnetic compatibility directive 2004/108/EC
RoHS directive 2011/65/EU

Standards conform to
EN 55014-1
EN 55014-2
EN 61000-3-2
EN 61000-3-3
EN 60745-2-5
EN 60745-1
EN 847-1

The person authorized to compile the technical file,
Name: Russell Nicholson
Address: Positec Power Tools (Europe) Ltd, PO Box 152, Leeds, LS10 9DS, UK

2013/01/15
Leo Yue
POSETIC Quality Manager