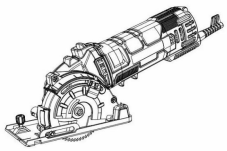


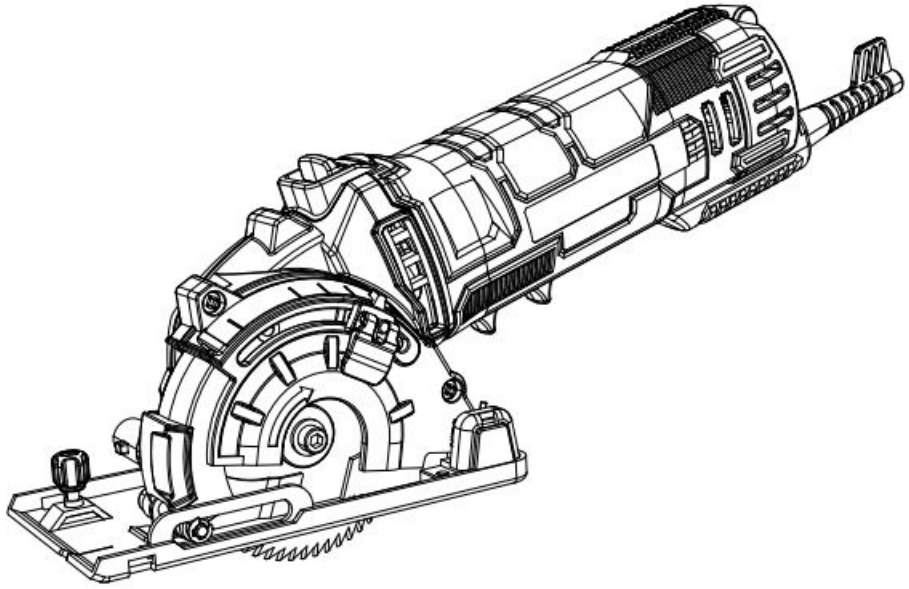
HYCHIKA CS-85C Mini Circular Saw Instruction Manual

Contents

1 HYCHIKA CS-85C Mini Circular Saw
2 Product Technical Data
3 INTRODUCTION
4 APPLICATION
5 OVERVIEW COMPONENTS
6 SYMBOLS
7 CUTTING GUIDANCE
8 ADJUST THE CUTTING DEPTH
9 INSTALLATION OF GUIDE FENCE
10 GENERAL POWER TOOL SAFETY WARNINGS
11 CUTTING TOUGH OR ABRASIVE MATERIALS
12 CLEANING AND MAINTENANCE
13 RECYCLING
14 Documents / Resources
14.1 References
15 Related Posts

HYCHIKA®

HYCHIKA CS-85C Mini Circular Saw



Mini Circular Saw
M1Y-DU05-85

Better Tools for Better Life

If any problems, please contact our after-sales email: **support@hychika.com**

Product Technical Data

Technical data	
Power	4A
Rated voltage	120V/60 Hz
No load speed	4500 RPM
Max. cutting depth	1″
Wood	1″
Tile	5/16″
Protection class	II/ (double insulation)
Sound pressure level	LeA= 90.07 dB (A)

INTRODUCTION

Please make sure you familiarise yourself fully with the way the device works before you use it for the first time and that you understand how to handle electrical power tools correctly. To help you do this please read the accompanying operating instructions. Keep these instructions in a safe place. If you pass the device on to anyone else, please ensure that you also pass on all the documentation.

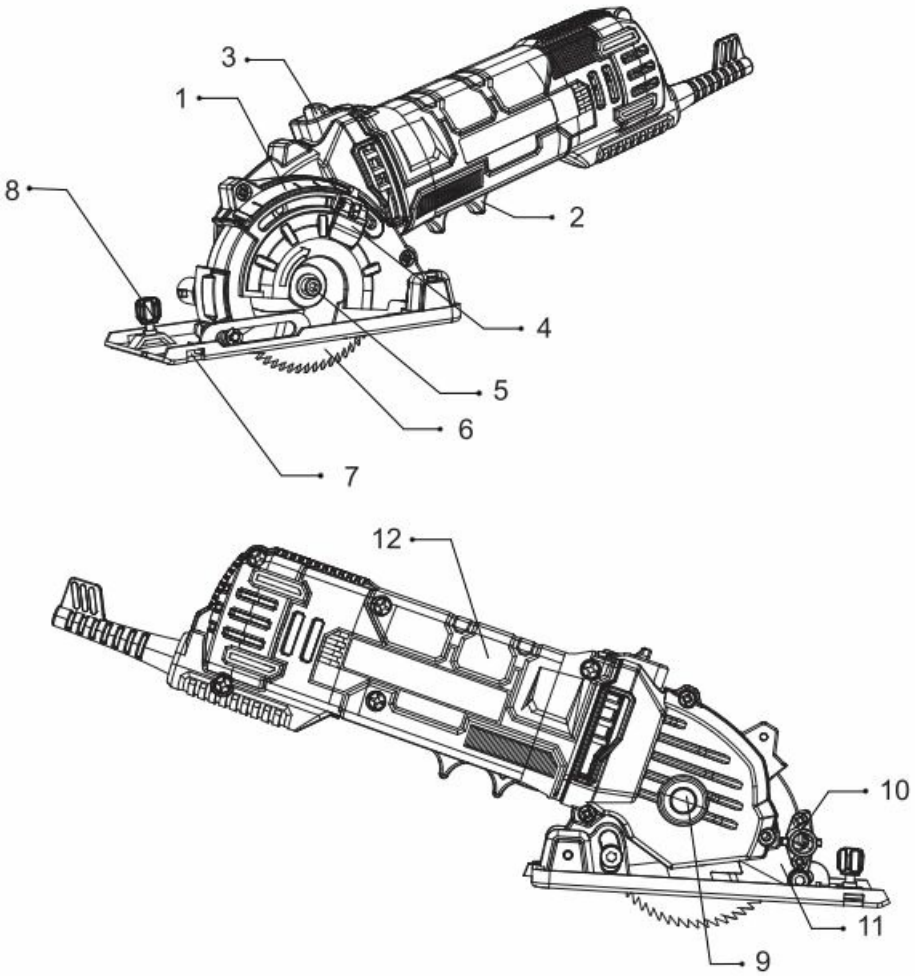
APPLICATION

This machine is primarily intended for the sawing, longitudinally and transversely, of solid wood, chipboard, plywood, aluminium, tiles and stone held in a fixed position. Please note that the blade pre-installed in the saw as

supplied is intended for use with wood only. Any other use or modification to the device shall be considered as improper use and could give rise to considerable dangers.It is not suitable for commercial use.

OVERVIEW COMPONENTS

1. Cutting depth scale
2. ON/OFF switch
3. Safety switch
4. Cutting depth setting clamp with lock lever
5. Clamping screw with plain washer
6. Saw blade
7. Guide fence slot
8. Lock screw for guide fence
9. Spindle lock button
10. Dust extraction nozzle
11. Removable protective cover
12. Soft grip



SYMBOLS


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


Observe caution and safety notes.


Caution - electric shock. Danger to life!


Double insulation II


Do not dispose of old appliances with domestic rubbish.

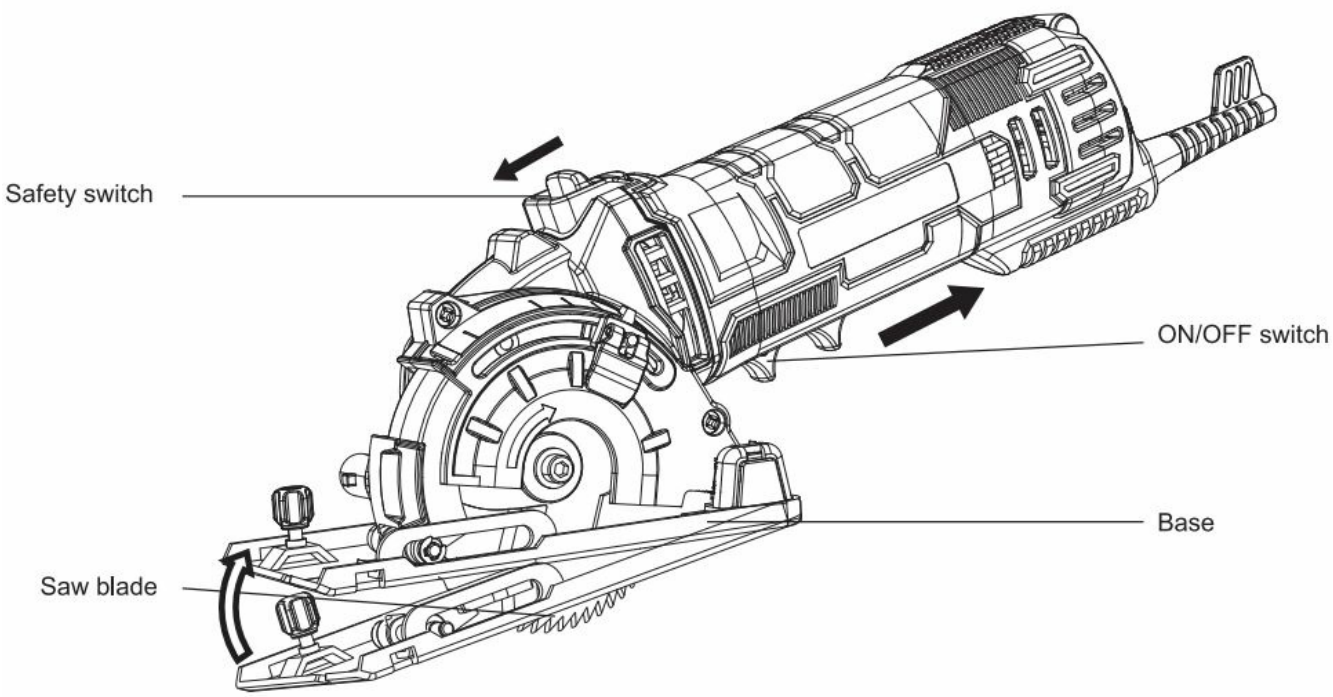

Wear hearing protection, dust protection mask, protective glasses and protective gloves.


Keep children away from electrical power tools.


Risk of loss of life by electric shock from damaged mains lead or mains plug.ive gloves.

CUTTING GUIDANCE

1. First push the safety switch forward, and then press the base to expose the saw blade.
2. Keep pressing the base, the front of the base is firmly against the wood, then push the ON/OFF switch back to start the machine, and you are ready to cut.



NOTE:

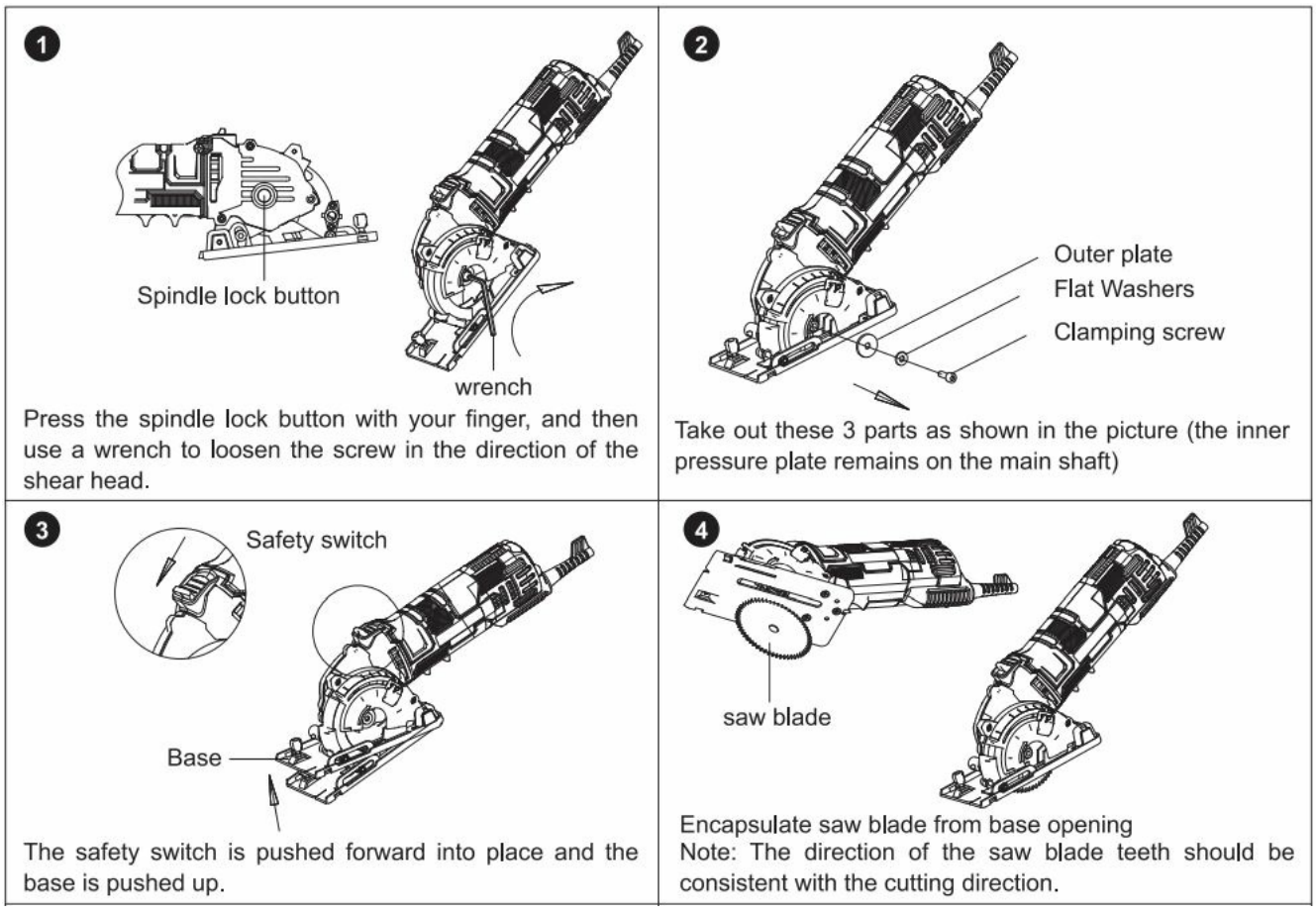
1. The base cannot be pressed without pushing the safety switch,
2. After turning on the machine, please wait for the saw blade to run at a constant speed before cutting,
3. Always cut in a forward direction, Never draw the tool backwards, If you are a novice user, practice by cutting thin wood until proficient
4. Check the specifications to ensure the suitability of the material to be cut
5. Fit the correct blade ensuring it is sharp and not damaged,
6. Grasp the tool firmly and rest its metal base plate always onto the surface cut

7. Very little force should be used to feed the tool along the cut Excess force will cause operator fatigue and excessive wear to the blade and tooL Excess force is also likely to cause the temperature cut-out to trip, resulting in delays,

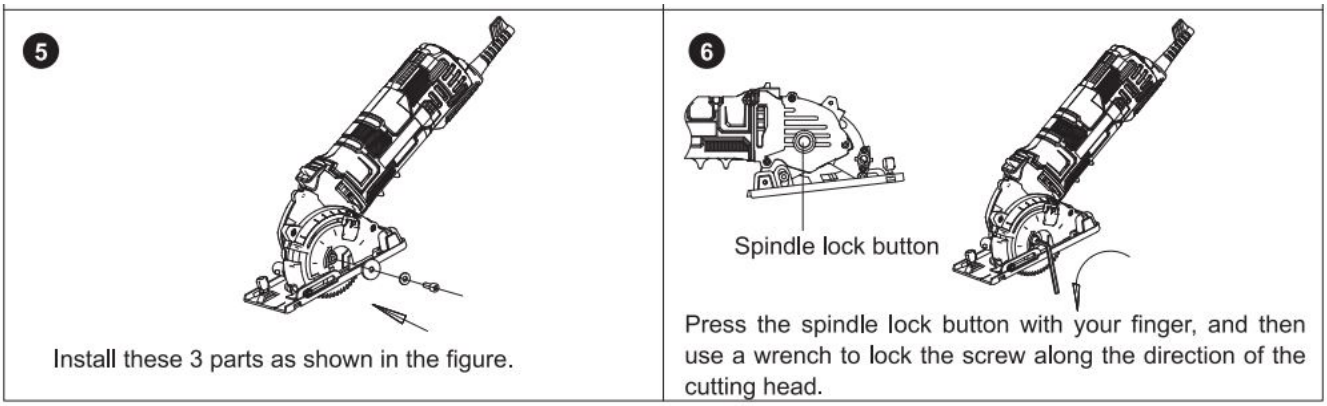
INSTALLATION AND REMOVAL OF SAW BLADE DETAILS INTRODUCTION

WARNING: The machine must be powered off.

1. Press the spindle lock button with your finger, and then use a wrench to loosen the screw in the direction of the shear head,
2. Take out these 3 parts as shown in the picture {the inner pressure plate remains on the main shaft)
3. The safety switch is pushed forward into place and the base is pushed up,
4. Encapsulate saw blade from base opening
   Note: The direction of the saw blade teeth should be consistent with the cutting direction,



5. Install these 3 parts as shown in the figure,
6. Press the spindle lock button with your finger, and then use a wrench to lock the screw along the direction of the cutting head,

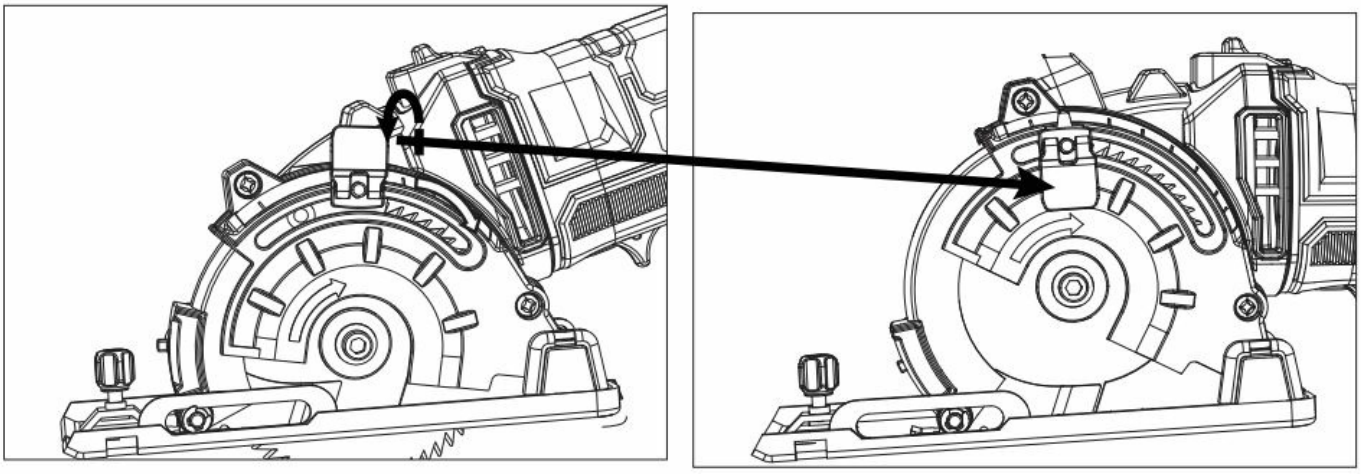


NOTE: Never engage the blade lock while the saw is running, or engage in an effort to stop the tool. Never turn the tool on while the blade lock is engaged. Serious damage to your saw will result.

ADJUST THE CUTTING DEPTH

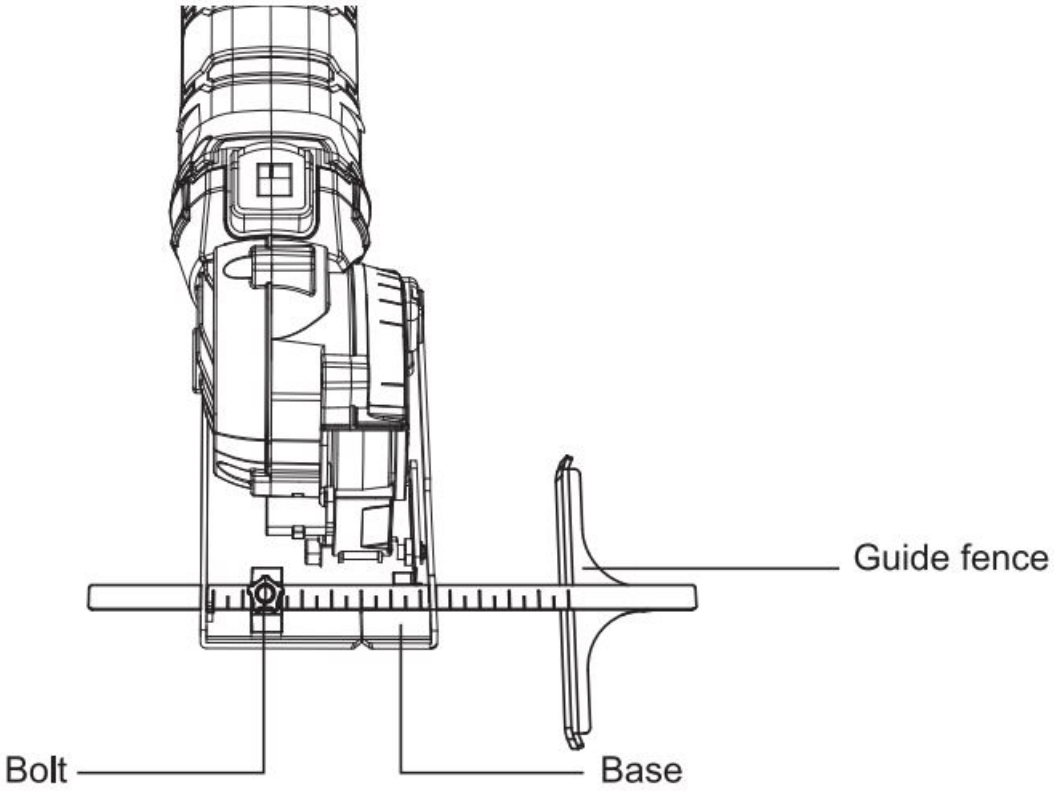
1. As required, move the unlocked knob and let the finger point at the suitable position of depth scale,
2. Then rotate the knob 1 BO'to lock it.

Note: if possible, recommend to setup the cutting depth approximately 2mm deeper than material thickness, this should help to ensure you achieve a clean cut.



INSTALLATION OF GUIDE FENCE

Use of the guide fence will assure fast, clean, straight cuts. To install, insert the guide fence into the rectangular hole on the side of the tool base with the fence guide facing down. Slide the guide fence to the desired cutting width position, then tighten the bolt to secure it.



GENERAL POWER TOOL SAFETY WARNINGS

WARNING!
Read all safety warnings and all instructions. Failure to follow the warnings and instructions rnay result in electric shock, flra and/or serious injury.
Save all warnings and instructions for future reference.The term “power tool” in the warnings refers to your mains-ope- rated (corded) power tool orbattery-operated (cordless) power tool.

Work area safety

- a. Keep work area clean and well lit Cluttered or dark ereas invite accidents.
- b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust P-ower 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 tool. Keep cord away from he. at, 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 ouC door 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.

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 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 bait ery pack, picking up or carrying the tool.
- d. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- e. 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
- f. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unax peeled situations.
- g. 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.
- h. 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.

CUTTING TOUGH OR ABRASIVE MATERIALS

Learn to uae the tool by cutting wood before attempting to cut anything tougher. When cutting tougher material, such as metals, more force is required to hold the work piece and clamping may be required.
Never cut materials that produce toxic dust or fumes such as PTFE or asbestos.

Sheet metal:

- Always set the depth adjustment to at least 1 mm deeper than the material thickness to avoid the blade riding up over the surface. Scrap material is required underneath the work surface.
- Remove burrs and rust as these impede the feed across the material.
- Thick beeswax (furniture polish) applied to the base plate of the tool makes metal cutting easier.
- Only suitable for cutting brass, copper, lead, aluminium or galvanised mild steel.
- Every 2 minutes of metal cutting should be followed by a rest of at least 3 minutes.

Ceramic tiles, slates etc:

- Only use a blade specifically designed for this purpose.
- Always use with a suitable vacuum cleaner or dust extractor connected as the dust can be hazardous to the opera-tor and prevent the guard operating correctly.

Plasterboard:

- The plunge saw is only recommended for making occasional cut outs in plasterboard and always us it with a suitab_le vacuum cleaner or dust extractor connected. The dust can prevent the guard operating correctly.
- Conventional tools such as keyhole saws or knives generally give excellent results, though the plunge saw can be used if a particularly neat, dust free cut is required or if there is a danger of cutting pipes or cables.

CLEANING AND MAINTENANCE

Regular cleaning is required for the safe operation of the tool, as an excessive build up of dust will prevent the tool from operating correctly.

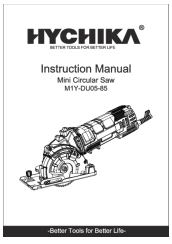
Blades

- Always use a sharp blade.
- If the tool does not cut as well as expected or if it overheats (temperature cut out may trip) the most common cause is a blunt blade.
- It is difficult to see or feel if the blade is blunt. When in doubt use a new blade.
- Blades are consumable items.
- Beware when changing blades as they can become hot during use. Allow the blade some time to cool before replacing it.

RECYCLING

Meaning of crossed-out wheeled dustbin:
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact you local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into Iha food chain, damaging your health and well-being.When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

Documents / Resources

	HYCHIKA CS-85C Mini Circular Saw [pdf] Instruction Manual CS-85C Mini Circular Saw, CS-85C, Mini Circular Saw, Circular Saw, Saw

References

- User Manual