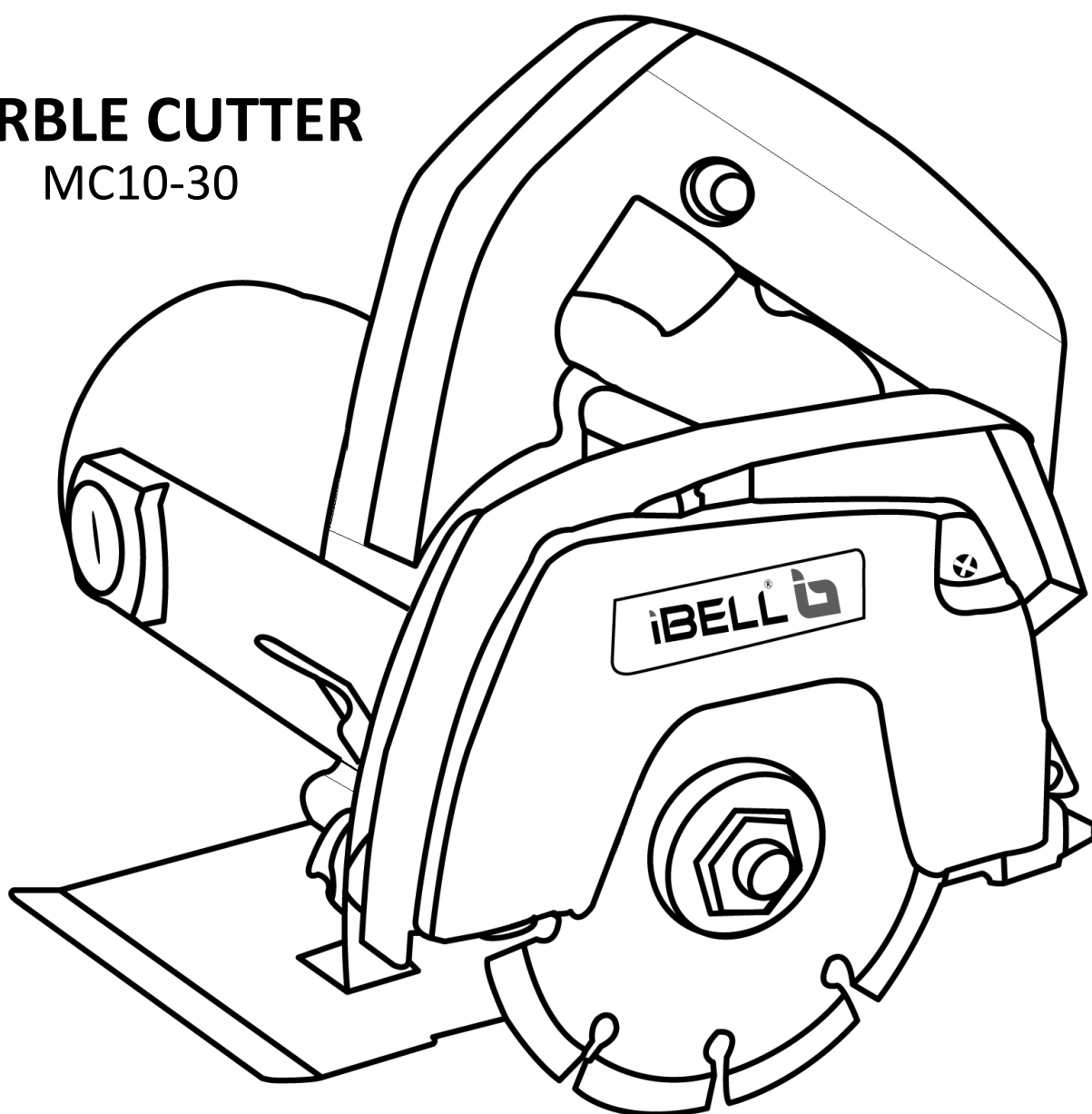


## OPERATOR'S MANUAL

### MARBLE CUTTER

MC10-30



<Read manual carefully before using>

## GENERAL POWER TOOL SAFETY WARNINGS

**⚠ WARNING!** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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

### WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **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.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way.** Do not use any adapted plugs with earthed(grounded) power tools. Modified plugs and un-matching outlets will increase the risk of electric shock.
- **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.
- **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 for carrying, pulling or unplugging the power tool. Keep it away from heat, oil, sharp edges or moving parts.
- **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

- **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 or alcohol. A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment.** Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **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.
- **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.
- **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- **Dress properly, say no to loose clothing or jewellery.** Keep your hair, clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- **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.

## SERVICE

- **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.
- **When servicing a power 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 shock or injury.

## POWER TOOL USE AND CARE

- **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.
- **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.
- **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.
- **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.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

## RESIDUAL RISKS

**Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise:**

- Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
- Injuries and damage to property due to broken cutting attachments or the sudden impact of hidden objects during use.
- Danger of injury and property damage caused by other objects or due to natural reactions or calamities.

## MARBLE CUTTER SAFETY WARNINGS

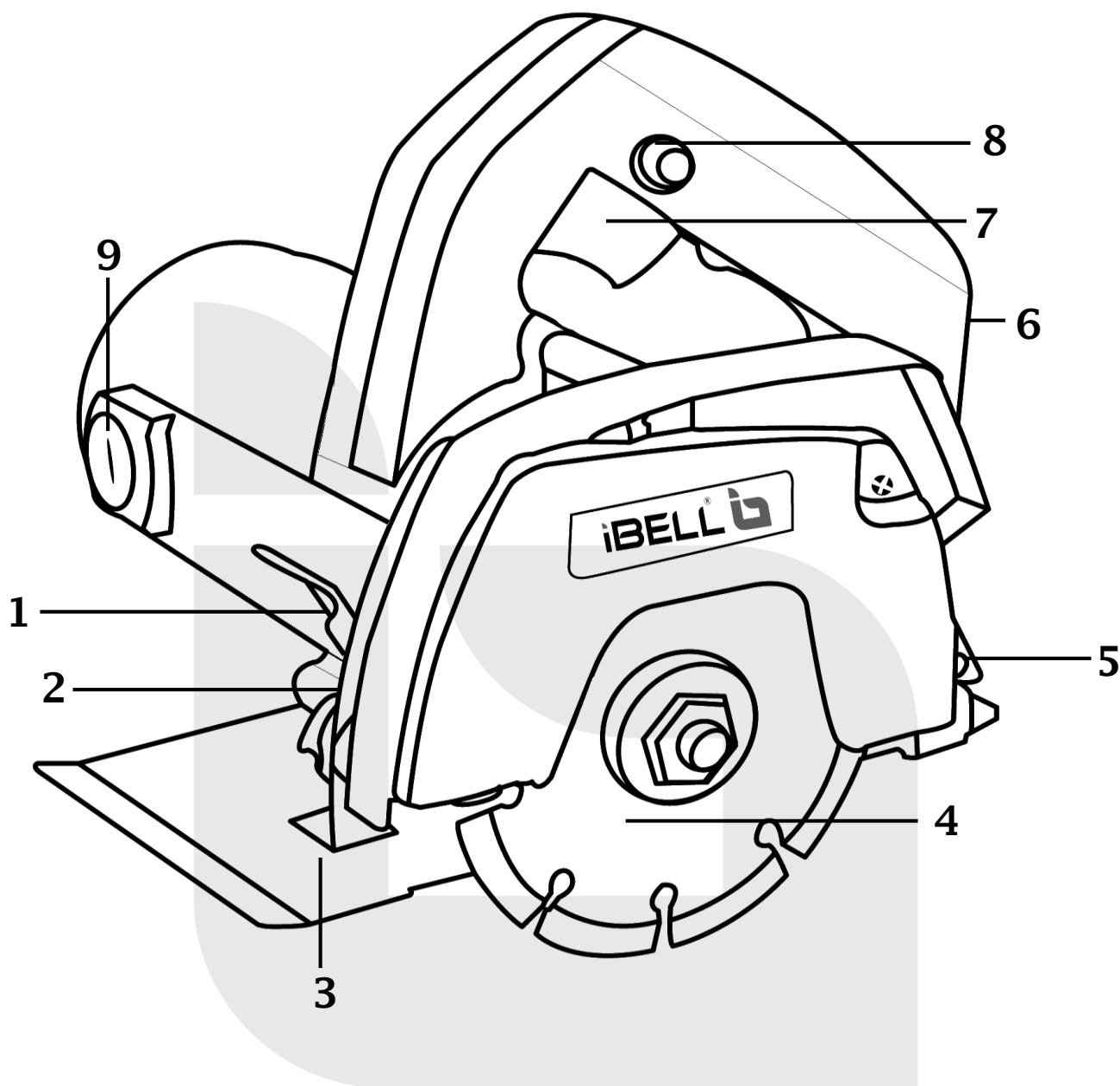
- **Keep your hands away from cutting area and the blade. Hold the power tool by insulated gripping surfaces only and second hand on motor housing.** Keep your body positioned to either side of the blade, but not in line with the blade.
- **Do not hold the material to be worked in your hands,** it's important that the material be adequately clamped down, reducing the contact with the body and the possibility of losing control.
- **Do not operate the tool on surfaces under which there might be electrical wires, and water or gas pipes.** The contact with wires or water might cause electrical shocks. The motor generates sparks that, if in contact with flammable gases, might cause explosion.
- **Always use blades (cutting wheel) of correct sizes and with round holes.** \*Suitable blade might be available with the product, use of it is highly recommended. **Use only diamond cutting wheels for your power tool.** Blades with shapes that don't match the backing flange on which they'll be assembled will work in an irregular way, causing loss of control of the tool.
- **Do not overload your tool,** use it only for the adequate purpose. Using the power tools for purposes that are different from what is indicated in this manual (refer 'Intended Use') might lead to hazardous situations.
- **Wait for the blade to come to a complete stop,** note that there is a period of inertial movement before the tool stops, after it's turned OFF.
- **The use of this tool create and/or spread dust that may cause serious and permanent respiratory injuries.** To reduce the exposure to these substances, work in well-ventilated places and always **use dust mask.**
- **Wear ear protectors.** Exposure to noise can cause hearing loss. **Wear safety goggles or eye protection** when using this power tool. For additional protection against electric shock, be sure to **wear rubber gloves.**



- **Never force the tool. Forcing the tool can cause uneven cuts, loss of accuracy, and possible kickback.** Push the tool forward at a speed so that the blade cuts without slowing.
- **When operating the tool, keep the cord away from the cutting area** and position it so that it will not be caught on the work piece during the cutting operation.
- **Blade depth and adjusting locking lever must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- **Never attempt to cut with the tool held upside down in a vice/workbench.** This is extremely dangerous and can lead to serious accidents.
- **When using the water feed, be careful not to let water get into the motor.** If water runs into the motor, an electric shock hazard may result. Do not stand in water when operating the power tool. **Keep the power tool dry when applying water to the cutting wheel.** Do not touch the plug with wet hands. Keep bystanders away from water and electricity.
- **Keep bystanders a safe distance away from work area.** Anyone entering the work area must wear personal protective equipment. Fragments of work piece or of a broken cutting wheel may fly away and cause injury beyond immediate area of operation.
- **Make sure the cutting wheel is not contacting the work piece before the switch is turned on.** Wait until the cutting wheel attains full speed before cutting. Stop operation immediately if you notice anything abnormal.
- **Always wait until the power tool has come to a complete stop before placing it down.** Do not stop the cutting wheel by lateral pressure on the disc.
- When an extension cord is required you must ensure it has the correct ampere rating for your power tool and that it is in a safe electrical condition. Fully unwind the extension cords in order to avoid potential overheating.

 **WARNING!** Misuse or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

## PRODUCT OVERVIEW



- 1. Cutting depth locking lever
- 2. Cutting depth guide
- 3. Base plate
- 4. Cutting wheel
- 5. Water pipe

- 6. Handle
- 7. ON/OFF switch
- 8. Lock on button
- 9. Carbon brush compartment

## PRODUCT SPECIFICATIONS

|                        |             |
|------------------------|-------------|
| Rated voltage          | : 230V~50Hz |
| Rated Input Power      | : 1050W     |
| Rated no load speed    | : 13800 rpm |
| Weight                 | : 2.83 Kg   |
| Cutting wheel diameter | : 110 mm    |
| Max. Cutting depth     | : 34 mm     |
| Protection class       | : Class II  |

## SETUP

### UNPACKING AND ENSURING

- Unpack all parts and lay them on flat, stable surface. Remove all packing materials. Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage, do not use the product but contact your dealer.
- Check if the tool is in good conditions by performing a quick visual inspection. Ensure that you have all the accessories and tools needed for assembly and operation.  
This also includes suitable personal protective equipment.

**⚠ WARNING!** The product must be fully assembled before operation! Do not use a product that is only partly assembled or assembled with damaged parts! Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!

## INTENDED USE

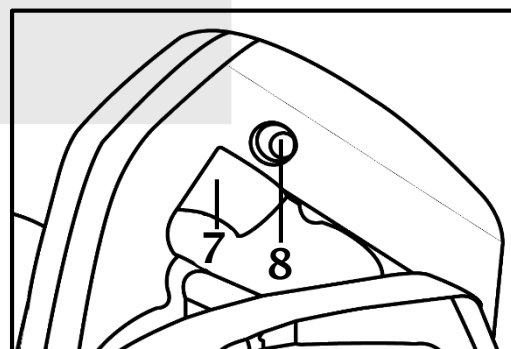
**This marble cutter is designed for light professional use; used horizontally on a solid base and it should be used for wet cutting mineral materials such as marble, granite, etc.**

- This can also be used for cutting other materials including wood, metal etc., (light use only). The design allows good control over the depth of reach at all times.
- We can make a clean cut so that the end product needs a lesser amount of finishing. By using the proper blade and this machine, we can do the marble cutting in the least time.
- It is a powerful and compact tool for cutting that works quite precisely and fast.
- The cutting wheel has a position that gives the best reach to the work piece and improves the efficiency of cutting. \*We can interchange the blades to suit different work pieces. The blade is spindle mounted so we can fix and remove it fast. (refer the assembly section below)

## PRODUCT FUNCTIONS AND ASSEMBLY

### ON/OFF TRIGGER SWITCH AND LOCK BUTTON

To start the tool, simply press the trigger switch (7). Tool speed is increased by increasing pressure on the switch trigger. For continuous operation, press the lock on button (8) as well. Release the trigger switch to stop.

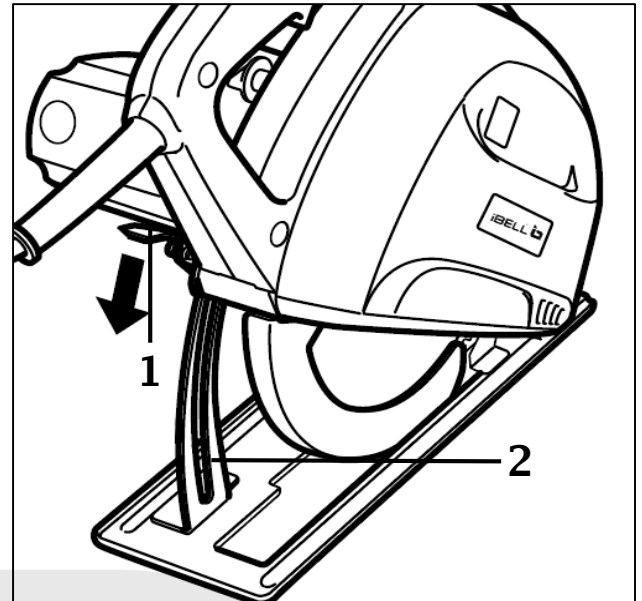


**⚠ WARNING!** Before plugging in the tool, always check that the switch trigger actuates properly and returns to the "OFF" position when released.

## ADJUSTING THE CUTTING DEPTH

Before adjusting the depth of cut, ensure that the power tool is facing away from you. Then:

- Loosen the depth locking lever (1) on the depth guide (2).
- Hold the base plate flat against the edge of the work piece and lift the body of the power tool until the cutting wheel is at the desired depth of cut. Using a depth gauge, we can determine cutting depth.
- Then secure the base by pressing the depth locking lever.

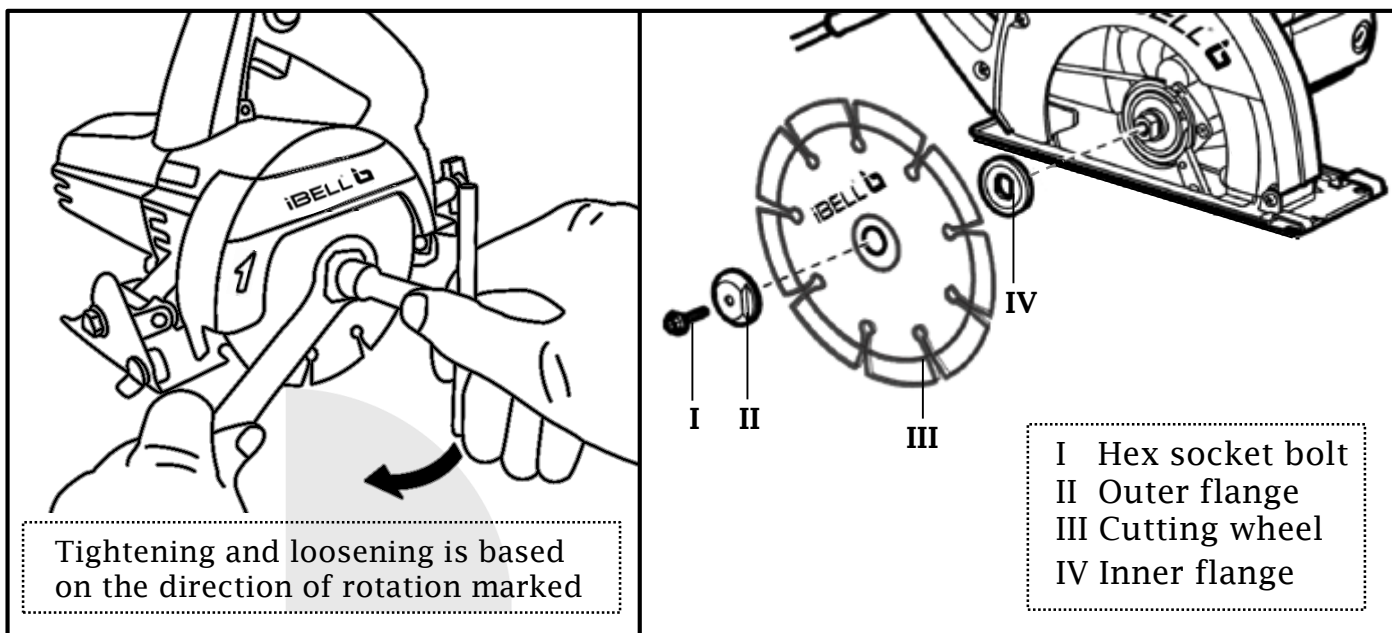


## MOUNTING/ REPLACING THE CUTTING WHEEL

**Diamond cutting wheel of 110 mm should be used.** Only use sharp and undamaged cutting wheels. Cracked or distorted cutting wheels must be replaced immediately.

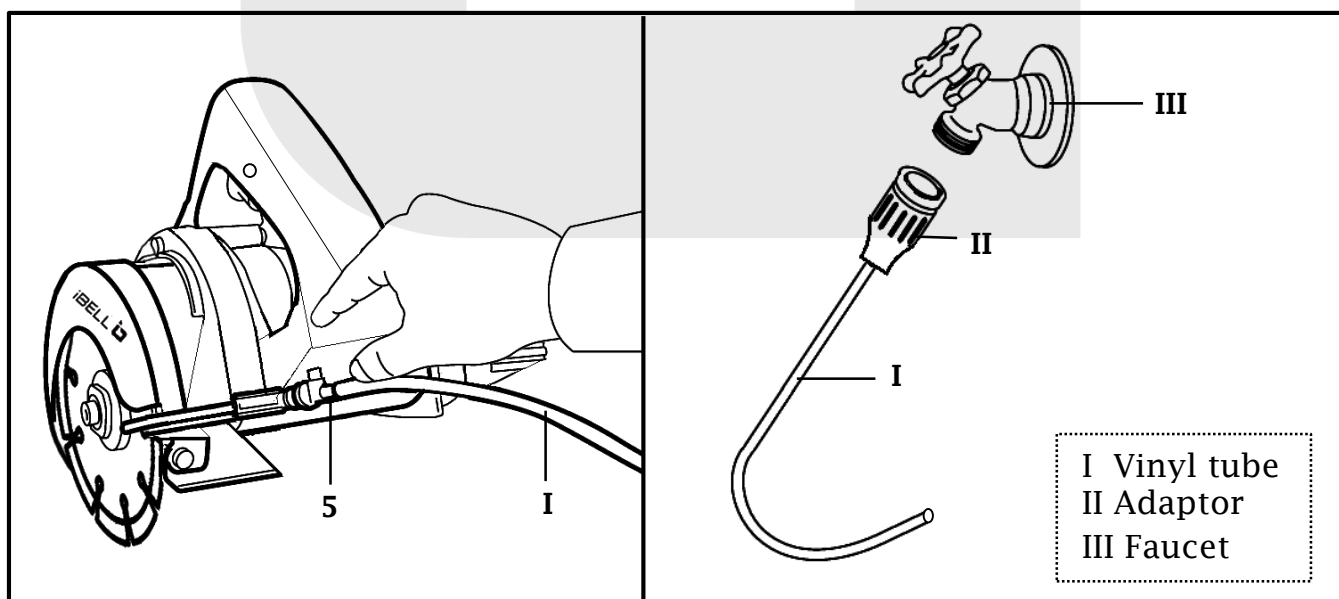
- Hold the outer flange with the spanner wrench provided.
- Loosen the hex bolt clockwise with the socket wrench provided.
- Remove the bolt and outer flange. Remove the cutting wheel from the inner flange and pull it out.
- Do not touch the blade with your bare hand immediately after cutting. Put on a pair of gloves when removing a hot blade.
- Mount the new or existing cutting wheel onto the spindle and against the inner flange.
- Replace the outer flange and tighten the hex bolt anticlockwise.

**NOTE:** The direction in which the cutting wheel rotates has to be the same as the direction of the arrow marked on the guard.  
After replacing the cutting wheel, make sure that the cutting wheel runs freely by turning the cutting wheel by hand.



## INSTALLING WATER PIPE ASSEMBLY

- Connect one end of the vinyl tube into the adaptor and other one firmly to the water pipe (5), to form the water pipe assembly.
- Connect it tightly on a faucet (tap) to feed water, Adjust the amount of water flow by simply adjusting the regulator.



## GENERAL OPERATION

⚠ **WARNING!** Never twist or force the tool in the cut. This may cause motor overload and/or a dangerous kickback, resulting in serious injury to the operator.

- This power tool should only be used on horizontal surfaces.
- Do not use a deformed or cracked blade. Replace it with a new one.
- Draw a guideline along the desired line of cut before beginning your cut. Also, guide the power tool evenly and with light feed in the cutting direction.
- **Refer specific instructions on page no. 6 and 7 before operation.**

- Hold the power tool firmly. Align the front part of the tool with the cut line on the work piece. Set the base plate on the work piece to be cut without the cutting wheel making any contact.
- Then turn the power tool on and wait until the cutting wheel attains full speed.
- Now simply move the power tool forward over the work piece surface, keeping it flat and advancing smoothly until the cutting is completed. Keep your cutting line straight and your speed of advance uniform (to make the cut line continuous).
- The depth of cut can be adjusted by the depth locking lever and depth guide (Refer above for the assembly).
- If wet cutting is desired, turn the water supply valve to start water flow.
- For cutting deeper than 20 mm, make two or more notches to prevent the motor from obscuring. Since excessive cutting may cause overload of the motor, the depth of cut should not be more than 20 mm at a pass. When you wish to cut more than 20 mm deep, make a couple of passes with progressively deeper settings.

**NOTE:** Always switch the product off, disconnect the product from the power supply and let the product cool down before performing inspection, maintenance and cleaning work! Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

## CLEANING AND STORAGE

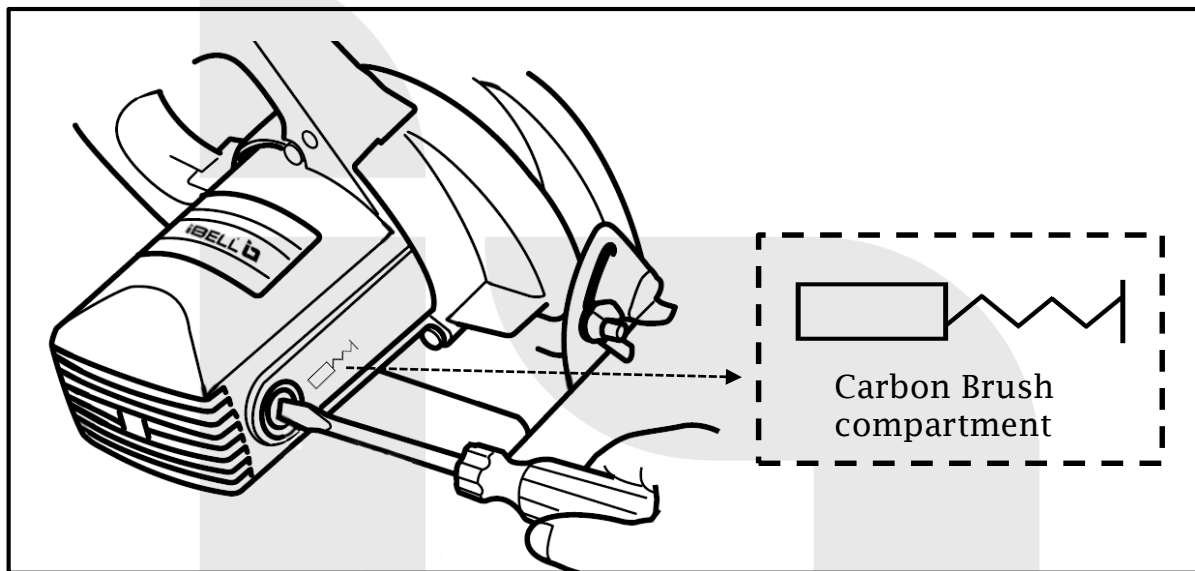
- **Keep the tool clean. Keep the ventilation slots clean** and free from obstructions. If available, blow compressed air into the vents to clear any internal dust (safety goggles must be worn when undertaking this process). Accumulation of dust in the motor or on the base may cause a malfunction of the tool.
- **Never use water or chemical cleaners to clean your tool.** Wipe clean with a dry cloth. Your power tool requires no additional lubrication.
- **Cleaning covers or guards;** When accumulation of dust on the cover looks excessive, loosen the clamp and remove the cover. Wash off accumulation of dust inside the cover and wipe it and reinstall. Cleaning of the wheel could be done as well.
- We recommend using the original package for covering the product or suitable means to protect it against dust.

## MAINTENANCE AND REPAIR

Before and after each use, check the product and accessories (or attachments) for wear and damage.

- **Inspecting cutting wheel;** Check the cutting blade or wheel carefully for cracks or damage before and after each use. Continuing to use a dull blade may cause a dangerous kickback and/or motor overload. Dressing could be suitable or replace with a new blade as soon as it no longer cuts effectively.  
Dressing diamond wheel: If the cutting action of the diamond wheel begins to diminish, use an old discarded coarse grit grinder wheel for dressing (There are other means as well).
- **Inspecting the supply cord;** Do not pull or carry the tool by the electric cord or allow its contact with edges, sharp elements, rough surfaces, oil or chemicals that may damage its flexible and insulating properties. 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.

- **Inspecting carbon brushes;** The motor employs carbon brushes which are consumable parts. Keep the brushes clean so that they move freely on the support. Remove and check the carbon brushes quite often. To inspect or replace the carbon brushes, use a screwdriver to remove the rear cover and take out the carbon brushes. Replace when they wear down to an extended limit since an excessively worn carbon brush results in motor trouble. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.



- The accessories or attachments included with the tool are recommended only for use with this product. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.
- **This product does not contain any parts that can be repaired by the consumer.** Contact an authorised service centre or a similarly qualified person to have it checked and repaired.

## TROUBLESHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves, therefore check the product using this section.

| Problem                                         | Possible Cause                                                                                                     | Solution                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Product does not start                       | 1.1 No power supply<br>1.2 Product damaged<br>1.3 Short circuit in motor winding.<br>1.4 Wear out of carbon brush. | 1.1 Check the plug<br>1.2 Check it by a technician<br>1.3 Replace stator or rotor by technician.<br>1.4 Replace carbon brush by technician. |
| 2. Excessive sparkling during running           | 2.1 Ring fire caused by short circuit in rotor or stator winding.<br>2.2 Under pressure in carbon brush spring.    | 2.1 Check or replace rotor/stator by technician.<br>2.2 Replace carbon brush by technician.                                                 |
| 3. Unsatisfactory result (Poor cutting quality) | 3.1 Improper installation of cutting blade.<br>3.2 Damaged/Worn out cutting blade.                                 | 3.1 Reinstall cutting blade.<br>3.2 Replace cutting blade.                                                                                  |
| 4. Excessive noise during no load running       | 4.1 Motor bearing damage.                                                                                          | 4.1 Replace bearing by a technician.                                                                                                        |
| 5. Machine overheating                          | 5.1 Overload running.<br>5.2 Motor bearing damage.                                                                 | 5.1 Conduct the operation correctly.<br>5.2 Check or replace it by technician.                                                              |

**⚠ WARNING!** All further inspection and repair work must be performed by an authorised service centre or a qualified technician!



**Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.**

Do not dispose this product by normal household waste, but take it to a collection point and recycling of electrical and electronic equipment. This is indicated by the symbol on the product, user manual or packaging. Re-use, material utilization or other forms of old appliances, you make an important contribution in protecting our environment.

## **CONTACT US**

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