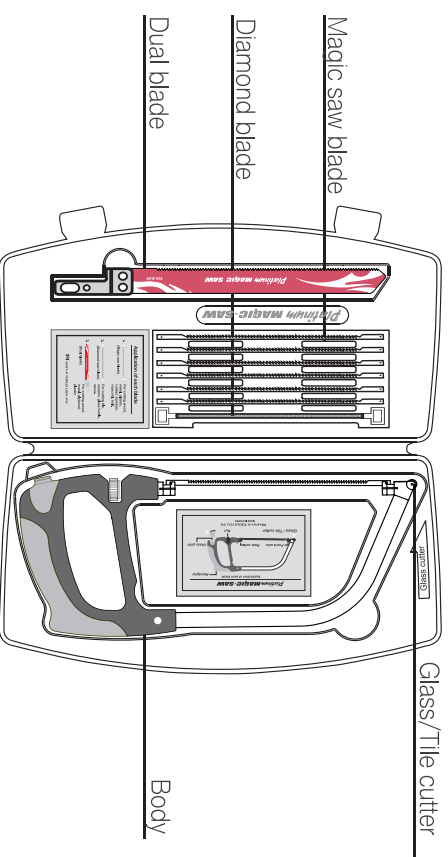


USER MANUAL

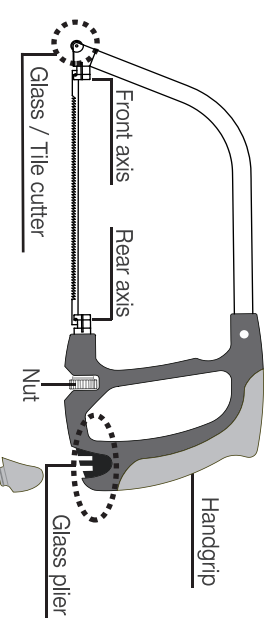
Product contents



Application of each blade

1. For cutting wood, metal, plastic, rubber, bamboo, rope, nail, bolt.
2. For cutting tile, ceramic, glass bottle, stone.
3. For cutting wood, metal, plywood, plastic.

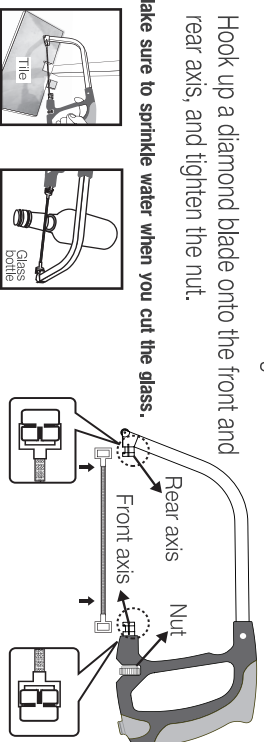
Description of Magic-saw



How to install Diamond blade

1. Loosen the nut and remove the magic saw blade.
2. Hook up a diamond blade onto the front and rear axis, and tighten the nut.

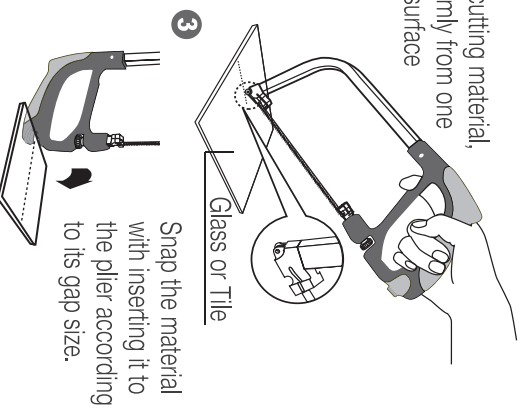
※ Make sure to sprinkle water when you cut the glass.



Glass or Tile cutting Procedure

1. Maintain the magic-saw 45 from the cutting material, and drag the tungsten roller blade firmly from one end to the other end of the material surface to create a cutting line.

2. Place a piece of wood or wooden chopsticks under the material to be matched with cutting line as shown and press the material with both gloved hands to snap it.



Safety instructions

1. Always wear safety gloves when using magic-saw.
2. Wear eye protection gears whenever you are cutting hard materials.
3. Keep away from children.
4. Use after tightening nut as much as possible while pressing the handgrip.
5. Use after fixing the material on to keep or fixing device.
6. Improper use may lead to personal injuries or material damages.
7. Store magic-saw with loosened nut in a dry and ventilated place.

MADE IN KOREA

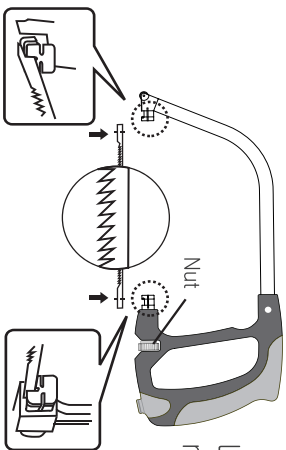
PATENT (10-1661853)
 PATENT (US6,959,847 B2)
 PATENT (ZL02821408.9)
 PATENT (HK1074599)

HAN-A TOOLS USA INC

1. Distributor : Han-A Tools USA
2223 Main Street Irvine, CA 92614
 2. Product Identification: Magic Saw HA-2100
 3. Net weight : 855g
 4. Country of Origin : Busan, S. Korea
- www.hanatoolsusa.com E-mail: magic_saw_usa@gmail.com

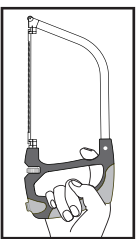
How to install Magic saw blade

Loosen the nut and remove the magic saw blade.

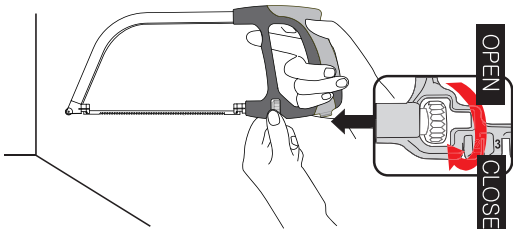


Tighten the nut as much as possible to make the blade in firm condition. Place the roller onto the non-metal floor and tighten the nut with pressing the handgrip.

(※ Caution : Loosen the nut after using the magic-saw to protect the blade.)

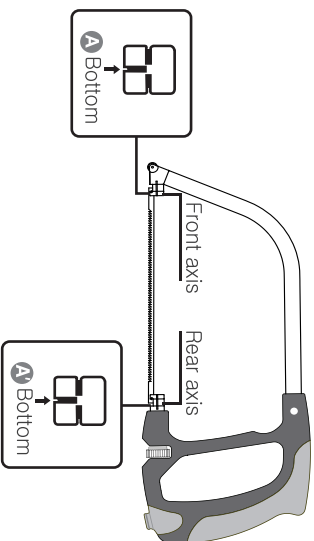
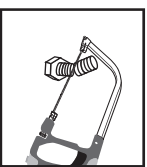


Grip magic-saw handle as shown.



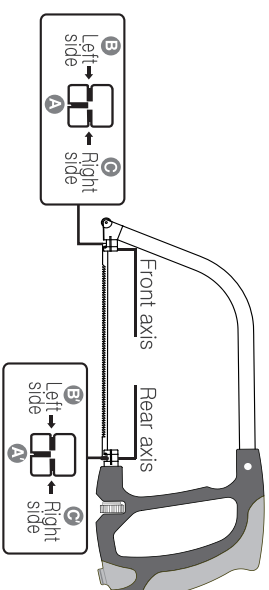
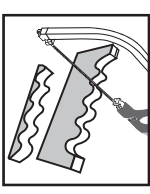
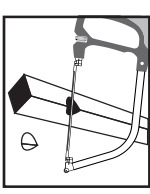
Cutting Straight

Cutting straight - Installation to the bottom groove



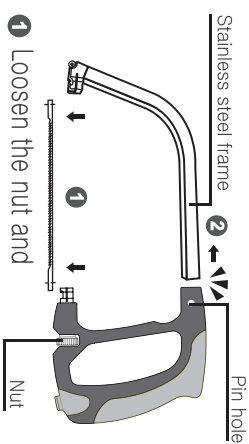
Cutting a curve

- ③ Left-handed - Installation to the right side groove
- ④ Left-handed - Installation to the left side groove

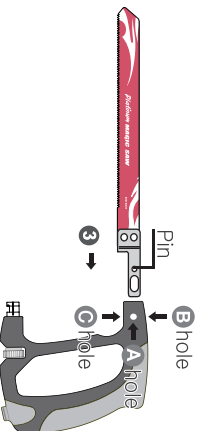


How to install Dual blade

Stainless steel frame



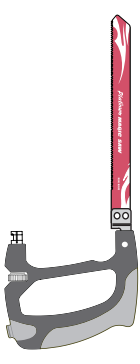
- ① Loosen the nut and remove the magic saw blade.
- ② Remove the stainless steel frame from the handgrip.



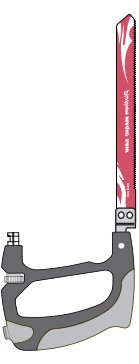
- ③ Insert the blade into the handgrip with pressing the spring pin of the Dual blade
- ④ Removal : Pull the blade out of the handgrip with pushing the spring pin.

Application of Dual blade

- ① Cutting downwards (A hole)



- ② Cutting upwards (B hole)



- ③ Cutting side (C hole)

