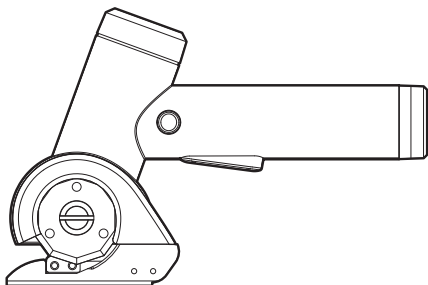


WORX



MAKERX™

20V Rotary Cutter

EN 02

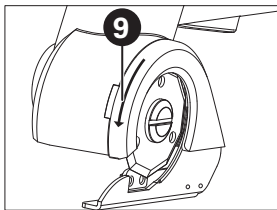
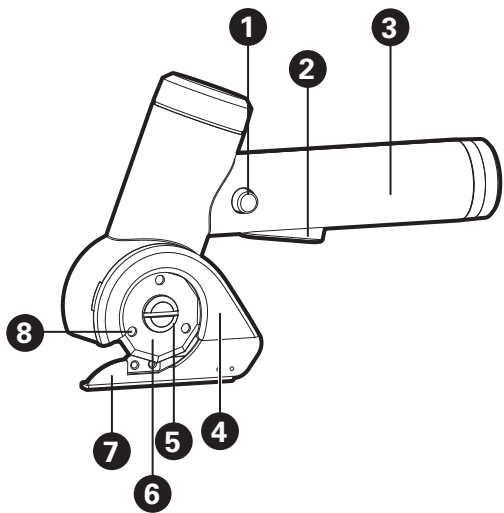
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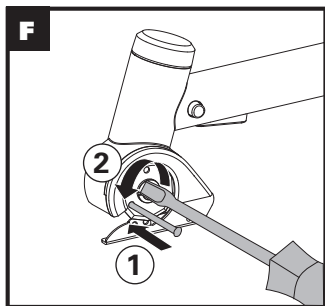
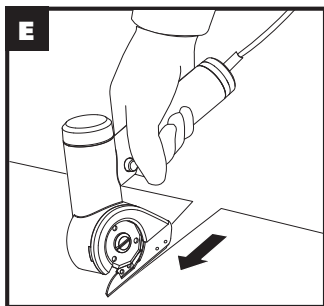
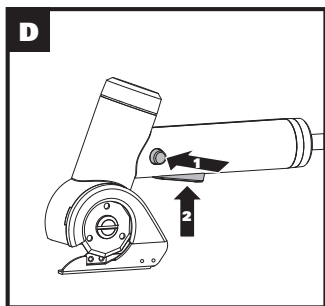
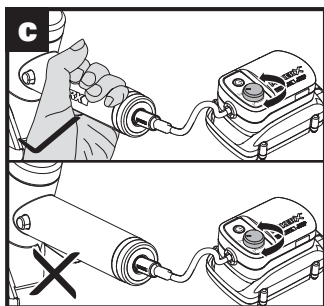
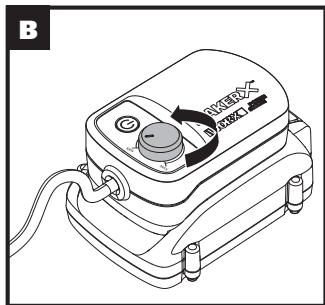
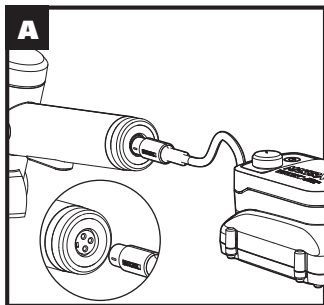
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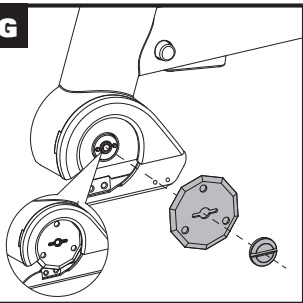


HELPLINE NUMBER
NUMÉRO DU SERVICE D'ASSISTANCE
NUMERO DE LINEA DE AYUDA
1-866-354-WORX (9679)

WX745L WX745L.X





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 **WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California 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 and other masonry products;**
- **Arsenic 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.

 **WARNING: This product can expose you to chemicals including lead and Di(2-ethylhexyl)phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**

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.

1) 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.*

2) Electrical safety

- 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 heat, 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 outdoor 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.*

3) 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 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.*
- d) 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.*
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.**
- f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
- g) 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.*
- h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless*

action can cause severe injury within a fraction of a second.

4) Power tool use and care

- a) 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.*
- b) 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.*
- c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.*
- d) 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.*
- e) Maintain power tools and accessories. 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.*
- f) Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) 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.*
- h) 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.*

5) Battery tool use and care

- a) Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- b) Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*








- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*
 - e) **Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
 - f) **Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 265°F (130°C) may cause explosion.*
 - g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*
- 6) Service**
- a) **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.*
 - b) **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

SAFETY WARNINGS FOR BATTERY PACK

- a) **Do not dismantle, open or shred battery pack.**
- b) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- c) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.** When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.
- d) **Do not subject battery pack to mechanical shock.**
- e) **In the event of battery leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) **Do not use any battery pack which is not designed for use with the equipment.**
- g) **Keep battery pack out of the reach of children.**
- h) **Always purchase the battery pack recommended by the device manufacturer for the equipment.**

- i) **Keep battery pack clean and dry.**
- j) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- k) **Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.**
- l) **Do not leave battery pack on prolonged charge when not in use.**
- m) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- n) **Recharge only with the charger specified by Worx. Do not use any charger other than that specifically provided for use with the equipment.**
- o) **Retain the original product literature for future reference.**
- p) **Use only the battery pack in the application for which it was intended.**
- q) **Remove the battery pack from the equipment when not in use.**
- r) **Dispose of properly.**
- s) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- t) **Keep the battery away from microwaves and high pressure.**

SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	Warning
	Wear eye protection
	Wear ear protection
	Wear dust mask
	Wear protective gloves
	Do not burn



Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.



Li-Ion

Li-Ion battery, battery must be recycled



call2recycle®

POSITEC Inc. has established a partnership with the RBRC Corporation to recycle any Positec batteries with the RBRC-call2recycle seal. For environmental protection, please do not discard batteries in the trash. After the batteries' life cycle is ended, then please call 1-800-822-8837 for a free service that will properly dispose of the battery.

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COMPONENT LIST

1. LOCK-OFF BUTTON

2. TRIGGER

3. HANDLE

4. BLADE GUARD

5. BLADE SCREW

6. BLADE

7. GUIDE EDGE


8. SPINDLE SLOT

9. CUTTING-LINE MARK

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






TECHNICAL DATA

Type WX745L WX745L.X (745 - designation of machinery, representative of cutter)

	WX745L WX745L.X *
Rated voltage	20 V  Max. **
No load speed	300 r/min
Max cutting thickness	1/4"(6 mm)
Cutting blade diameter	1-1/2"(38 mm)
Machine weight (bare tool)	0.79 lbs(0.36 Kg)

* X may be followed by one or two characters. All models are the same except model number and trademark. The suffix in models may be number from "1" to "99" or English letter "A" to "Z" or "M1" to "M9" which means different package or the various of accessories packed in the package.

** Voltage measured without workload. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.

Category	Model	Capacity
20V Hub/HubX	WA7150	Input: 20 V  10 A Max. Output: 20 V  10 A Max.
	WA7151	Input: 20 V  10 A Max. Output 1: 20 V  10 A Max. Output 2: 5 V  2 A (USB port)

Only use the appropriate accessories intended for this tool. Accessory information can be found on the product packaging, at a Worx dealer or on our website at www.worx.com.

MakerX series tools and 20V Hub/HubX are specially designed to work together, so do not attempt to use any other devices.

OPERATING INSTRUCTIONS



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

INTENDED USE

The machine is intended for cutting flexible, soft materials of up to 6 mm in thickness, such as carpet, PVC, cardboard, leather, fabrics and similar materials.

ASSEMBLY

Connect the cutter and the hub. (See Fig. A)



WARNING: Before operation, make sure the speed control button on the hub is at the "Min" position. (See Fig. B)

OPERATION

1. Confirm the speed control button is set to "Min". Grasp the tool by the grip. Press the on/off switch on the hub. Your switch is locked off to prevent accidental starting. Depress lock off button then trigger and release lock off button. (See Fig. C,D)

Note: The rotary cutter operates at a constant RPM. The speed control button is not effective. The speed control is designed to work with other MakerX tools such the Rotary Tool or Angle Grinder.

NOTE: Thin materials, such as fabrics, can be pulled into the tool during cutting and become wedged. Therefore, do not apply too much pressure with these materials in order to achieve good cutting results. During cutting, apply sufficient tension while holding fabrics and cut slowly. (See Fig. E)

NOTE: The red line on the blade guard (cutting-line mark) indicates the cutting line of the blade. This allows for precise guiding of the machine following the cutting line marked on the material.

2. Release trigger and press the on/off switch on the hub to turn off after use.

3. When changing the blade:

- You must insert an object (such as a nail or paper clip) into the spindle slot to lock in place.
- Rotate blade screw counter clockwise with a slot tip screwdriver and remove the blade screw.
- Slide the blade away from the guard and remove blade.
- Slide new blade under the guard with beveled edges facing you.
- Align hole in blade with hole in the blade shaft, replace the screw loosely. Lock the spindle by placing an object into the spindle slot. Rotating

clockwise, tighten the screw securely. (See Fig. F,G)

MAINTENANCE

Remove the battery before carrying out any adjustment, servicing 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. Store the accessories in a dry place.

FOR BATTERY TOOLS

The ambient temperature range for the use and storage of tool and battery is 0°C-45°C(32°F-113°F).

The recommended ambient temperature range for the charging system during charging is 0°C-40°C(32°F-104°F).