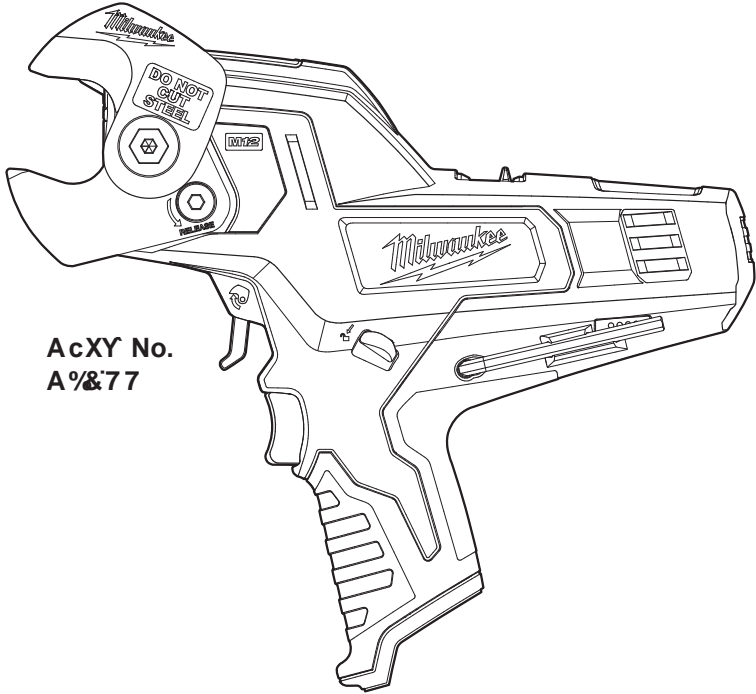




OPERATOR'S MANUAL



AcXY No.
A%&77

M12™ CORDLESS 300 mm² XLPE CABLE CUTTER

TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND OPERATOR'S MANUAL.

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.

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 adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce 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 cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **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.
- **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

- **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.
- **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.
- **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.
- **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. 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.
- **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.

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

BATTERY TOOL USE AND CARE

- **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.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

- 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.
- 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.


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.

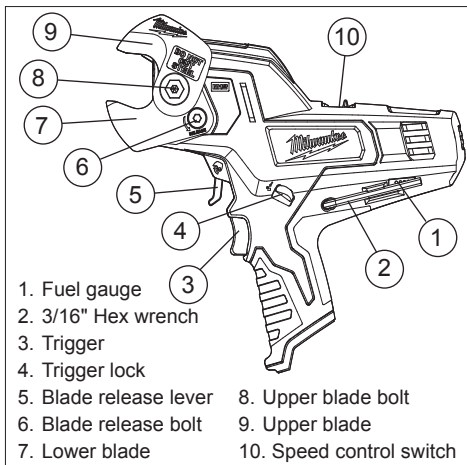
SPECIFIC SAFETY RULES

- To reduce the risk of injury, wear safety goggles or glasses with side shields. Material may crack or shatter.
- Blade is sharp. Keep hands away from all cutting edges and moving parts. Laceration and amputation can occur.
- To reduce the risk of injury, always move blade to the fully closed position before storing and any time the tool is not in use.
- To reduce the risk of explosion, electric shock and property damage, do not cut live electrical lines. Turn off power before making a cut. Never cut gas or water lines.
- Maintain labels and nameplates. These carry important information. If unreadable or missing, contact a MILWAUKEE service facility for a free replacement.
- WARNING:** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - lead from lead-based paint
 - crystalline silica from bricks and cement and other masonry products, and
 - 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.

SYMBOLGY

	WARNING Risk of electric shock
	WARNING Keep hands away from all cutting edges and moving parts. Blade is sharp. Laceration and amputation can occur.
	Always wear eye protection
	Read Operator's Manual
	Direct Current
	Underwriters Laboratories, Inc. United States and Canada

FUNCTIONAL DESCRIPTION



SPECIFICATIONS

Cat. No.	Volts	Material	Material Maximum Capacity
M12 CC	12 DC	Copper Cable	300 mm ² XLPE
		Aluminum Cable	300 mm ² XLPE
		Communications Cable	29.4 mm (1.16") O.D.

ASSEMBLY

WARNING Recharge only with the charger specified for the battery. For specific charging instructions, read the operator's manual supplied with your charger and battery.

Inserting/Removing the Battery

To **remove** the battery, push in the release buttons and pull the battery pack away from the tool. To **insert** the battery, slide the pack into the body of the tool. Make sure it latches securely into place.

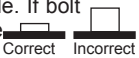
Changing the Blades

Replace the blades when they become dull or chipped. A blade is dull when blade edge appears dull, rounded, or damaged. Always replace blades as a set.

Use only **MILWAUKEE** blade Part No. 

WARNING Always remove battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.

WARNING Blade is sharp. Keep hands away from cutting edge. Laceration can occur.

1. Remove the battery pack.
2. Remove the upper blade bolt with the wrench provided.
3. Pull off the upper blade, keeping hands away from the cutting edge.
4. Remove the blade release bolt.
5. Pull off the lower blade, keeping hands away from the cutting edge.
6. Insert the new lower blade, keeping hands away from the cutting edge.
7. Insert the blade release bolt and tighten securely with the wrench provided.
8. Ensure the bolt extends no more than 3.1mm (1/8") above the side of the blade. If bolt extends 6.3mm (1/4") above the blade, the bolt is not properly seated in the blade bolt hole. 
9. Insert the upper blade onto the keyed spindle. 
10. Insert the upper blade bolt and tighten securely with the wrench provided.

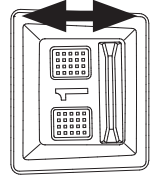
OPERATION

Fuel Gauge

Pull the trigger to display the battery pack's remaining run time.

Selecting Speed


Select low speed (1) for harder materials. Select high speed (2) for softer materials.



Cutting

WARNING To reduce the risk of injury:

- Do not cut short pieces of material that put fingers near blades. Blade is sharp.
- Wear safety goggles or glasses with side shields. Material may crack or shatter.
- Blade is sharp. Keep hands away from cutting edges and moving parts. Laceration and amputation can occur.



Before cutting, ensure upper blade bolt and blade release bolt are securely tightened.

1. Pull the blade release lever to open the jaws.
2. Insert the workpiece squarely between the lower blade and the upper blade. Do not attempt to make angled cuts as it will damage the workpiece and blade.
3. Hold the tool firmly and support the workpiece. Ensure the workpiece is straight and centered in the jaws. Keep hands away from blades.
4. Press down on the trigger unlock button and pull the trigger. Workpiece may move slightly during the cut.
5. When the cut is complete, release the trigger.

WARNING To reduce the risk of injury, always move blade to the fully closed position before storing and any time the tool is not in use.

WARNING To reduce the risk of injury, only cut recommended materials (see "Specifications"). Do not attempt to cut other materials.

Cutting Tips

- Use low speed and cut further in from the end of the material to avoid crooked cuts.
- Do not attempt angled cuts. It will damage the blade. Hold the material squarely between the blades.
- Cut clean material to extend the blade life. Wipe dirt and debris from material and blades before beginning the cut.

Jam Release

If the blade becomes jammed in the material, all fuel gauge LEDs will blink. Follow these steps in order until the jam is released.

1. Move the speed control switch to "1" and attempt to complete the cut. If unsuccessful...
2. Move the speed control switch between "1" and "2" several times back and forth. Pull the blade release lever. If the jam is not released...
3. Remove the battery pack, then use the hex wrench to loosen the **blade release bolt**. Loosen the bolt until the bolt collar is free of the blade. Pull the blade release lever. Be sure to securely tighten the blade bolt before continuing work. If the jam is not released...
4. Remove the upper blade bolt. Be sure to securely tighten the upper blade bolt before continuing work.

Troubleshooting

LED	Indication	Cause
4 LEDs flash, tool shuts off	Overload	too large cable/capacity
		incorrect material
		dull blades
		blade jam
1 LED flashes	Low battery	Battery is nearing its end of charge

MAINTENANCE

WARNING To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger or tool before performing any maintenance. Never disassemble the tool, battery pack or charger. Contact a **MILWAUKEE** service facility for ALL repairs.

Maintaining Tool

Keep your tool, battery pack and charger in good repair by adopting a regular maintenance program. After six months to one year, depending on use, return the tool, battery pack and charger to a **MILWAUKEE** service facility for:

- Lubrication
- Mechanical inspection and cleaning (gears, spindles, bearings, housing, etc.)
- Electrical inspection (battery pack, charger, motor)
- Testing to assure proper mechanical and electrical operation

If the tool does not start or operate at full power with a fully charged battery pack, clean the contacts on the battery pack. If the tool still does not work properly, return the tool, charger and battery pack, to a **MILWAUKEE** service facility for repairs.

WARNING To reduce the risk of personal injury and damage, never immerse your tool, battery pack or charger in liquid or allow a liquid to flow inside them.

Cleaning

Clean dust and debris from charger and tool vents. Keep tool handles clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean the tool, battery pack and charger since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

Repairs

For repairs, return the tool, battery pack and charger to the nearest service center, please visit www.milwaukeetools.com.au / www.milwaukeetools.co.nz or contact our customer service centre (Australia Toll Free Telephone Number 1300 361 505) (New Zealand Toll Free Telephone Number 0800 279 624).

ACCESSORIES

WARNING Always remove battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.

For a complete listing of accessories, refer to your **MILWAUKEE** Electric Tool catalog or go online to www.milwaukeetools.com.au / www.milwaukeetools.co.nz. To obtain a catalog, contact your local distributor or service center.

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