

Copper Wire Stripper

CWS-01 Industrial Wire Stripper

Owner's Manual




Product Specification	
Product Number:	CWS-01
Motor:	1 HP
Voltage Input:	115V/60HZ – 10 AMP 1PH
Rating:	165 rpm
Stripping Capacity:	14awg to 3 inch
Dimensions:	13.5 x 12 x 15 (inches)
Weight:	90 lbs.

Manufactured by Copper Wire Stripper
www.copperwirestripper.com

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1 Introduction


 **CAUTION:** Before using this wire stripper, read this manual and follow all safety and operating instructions.

Before you start your machine, check your machine to be sure that there are no visible or noticeable loose bolts or screws.









This manual includes the following:

- General Safety Rules
- Functional Description
- Operation
- Maintenance
- Troubleshooting

2 General Safety Rules

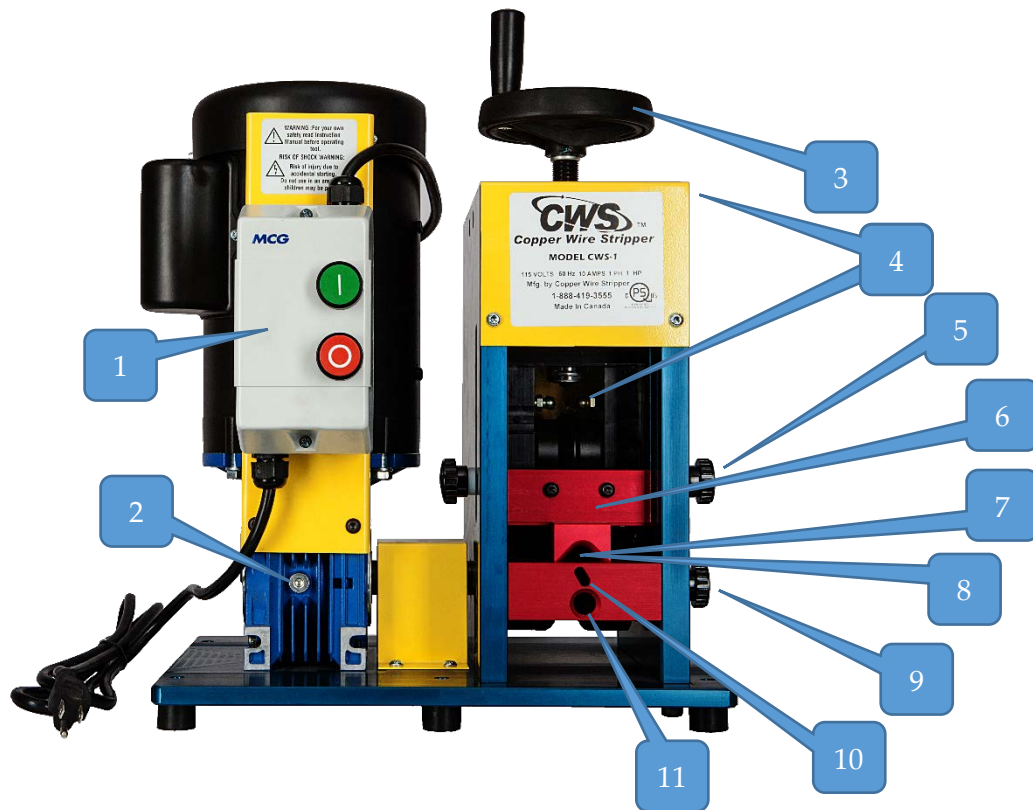
 **WARNING:** for your own safety read instruction Manual before operating tool.

 **RISK OF SHOCK**

-  Rule #1 – **WARNING:** Risk of injury due to accidental starting. Do not use in an area where children may be present.
-  Rule #2 – Always wear eye protection that conforms with CSA requirements or ANSI Safety Standard Z87.1.
-  Rule #3 – Use hearing protection, particularly during extended periods of operation of the Wire Stripper, or if the operation is noisy.
-  Rule #4 – Wear a dust mask that is designed to be used when operating a power tool in a dusty environment.
-  Rule #5 – Wear gloves to protect your hands from the wire.
-  Rule #6 – Obey all signage, particularly to keep hands clear.
-  Rule #7 – **CAUTION:** Wire will feed through quickly as soon as you turn the machine on.
-  Rule #8 – **WARNING:** Do not lower the blade too far. This will cause damage to the blade and shorten the lifespan of your blade. Be sure that you are only cutting through the insulation.

3 Functional Description

Know your Wire Stripper.



Parts List:

- | | |
|-------------------------------------|-------------------------------------|
| 1. On/Off switch | 7. Knife blade |
| 2. Oil filler hole | 8. Feed shaft |
| 3. Adjustment handle | 9. Small wire guide adjustment knob |
| 4. Grease Nipples | 10. Small wire guide (14,12,10 AWG) |
| 5. Large wire guide adjustment knob | 11. Medium wire guide (8 – 2 AWG) |
| 6. Large wire guide | |

4 Operation

The Wire Stripper has a range from 14awg to 3 inch wire/cable. This machine was designed to cut the insulation from cable and wire.

TIP: For maximum efficiency, sort your wire into groups or batches of the same size wire to avoid adjusting your machine.

Follow the steps below to cut the insulation from the cable/wire:

For Small and Medium wire and cable:

1. Tilt the Wire Guide to enable the wire to hit the feed shaft in the centre V-groove.
2. Place the wire into the feed shaft.
3. Tighten the knob for the Wire Guide on the right side.
4. Lower the blade to touch the insulation/plastic, turn the adjustment handle a 1/4 turn tighter (Adjustment is only required when you put a different size of wire into the machine).
5. Turn on the On/Off Switch.



CAUTION: Wire will feed through very quickly as soon as you turn the machine on.



WARNING: Do not lower the blade too far. This will cause damage to the blade and shorten the lifespan of your blade. Be sure that you are only cutting through the insulation.

6. Wire comes out the back of the machine with a cut down the centre of the wire or cable. Peel or strip the insulation off.
7. Once the machine is set for one size of wire, you can strip that size continuously without adjusting your machine.
8. Turn off your machine when it is not in use.

For Larger wire or cable:

1. Return Wire Guide to flat position.
2. Place the wire into the feed shaft.
3. Lower the blade to touch the insulation/plastic, turn the adjustment handle a 1 / 4 turn tighter (Adjustment is only required when you put a different size of wire into the machine).
4. Lower the Large Wire Guide to rest on the wire or cable. This holds the wire/cable in the centre of the V-groove.
5. Tighten the two (2) knobs on either side of the Large Wire Guide.
6. Turn on the On/Off Switch.



CAUTION: Wire will feed through very quickly as soon as you turn the machine on.



WARNING: Do not lower the blade too far. This will cause damage to the blade and shorten the lifespan of your blade. Be sure that you are only cutting through the insulation.

7. Wire comes out the back of the machine with a cut down the centre of the wire or cable. Peel or strip the insulation off.

TIP: For larger wire or cable run the wire through once, then turn it over and run it through again so that there is a cut on both sides of the wire or cable. This makes stripping the larger cable easier.

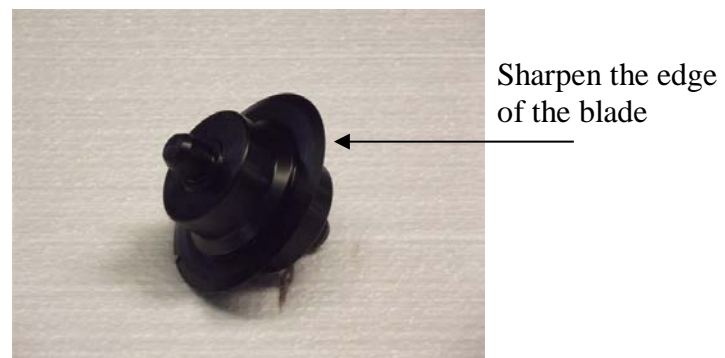
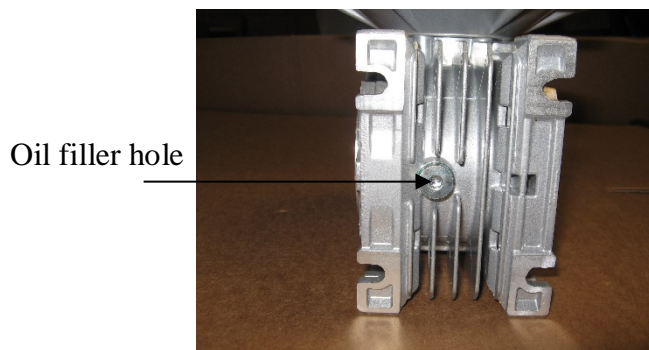
8. Turn off your machine when it is not in use.

5 Maintenance

The Wire Stripper has been designed to be low maintenance for your convenience.

To ensure smooth operation of your machine, be sure to conduct the following essential maintenance weekly:

1. Grease knife sliders weekly. There are two grease nipples on the inside of the machine.
2. Check the gear motor to be sure that oil is full. The oil will be visible when you remove the plug if the oil is full. If the oil is low, it will not be visible. Add gear oil to required level.
3. Ensure that blade stays sharp for maximum cutting efficiency. To remove the blade:
 - a) Remove the adjustment handle by removing the screw at the top of the handle. Once the screw at the top of the handle is removed, the handle can be removed.
 - b) Remove the six screws on the yellow cover plate (two on the front, two on the top and two on the back).
 - c) Remove the two screws on the side of the wire stripper near the top of the cover plate.
 - d) The blade assembly can be easily removed by sliding it out.
 - e) To remove the blade from the blade assembly, remove the four bolts on the bottom of the blade assembly.
 - f) Remove the blade.
 - g) Sharpen at a professional machine shop for longer blade life.



Service

Tool Servicing must be performed by qualified personnel. Service or maintenance performed by non-qualified personnel could result in a risk of injury or damage to your machine.

When servicing a tool, use only identical replacement parts. Follow the instructions in the Maintenance section of this manual. The use of unauthorized parts or failure to follow the instructions in the Maintenance section of this manual may create a risk of electric shock or injury.

6 Warranty Information

The Copper Wire Stripper is guaranteed for a period of one (1) year from the date of original retail purchase against defects in workmanship and material, except for the following components:

- a) Component A: Knife Blade

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced with the same model, or one of equal value or specification, at our option. We will bear the cost of any repair or replacement and any costs of labour related thereto.

These warranties are subject to the following conditions and limitations:

1. A bill of sale verifying the purchase and purchase date must be provided;
2. This warranty will not apply to any product or part thereof that is worn or broken or that has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or that is being used for professional, commercial or rental purposes;
3. This warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product that are expected to become inoperative or unusable after a reasonable period of use;
4. This warranty will not apply to routine maintenance and consumable items, including but not limited to fuel, lubricants, blades, bits, fluids, tune-ups or adjustments;
5. This warranty will not apply where damage is caused by repairs made or attempted by others (i.e. persons not authorized by the manufacturer);

6. This warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished produced (unless otherwise specified in writing);
7. This warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;
8. This warranty will not apply to normal deterioration of the exterior finish including but not limited to scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners;
9. This warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

Additional limitations

This warranty applies only to the original purchaser, and cannot be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including but not limited to any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use the product.

Notice to Consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province, the provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

Copper Wire Stripper is a superior line of products selected for their workmanship and materials. These products are designed to meet rigorous quality and performance standards, and are approved by our quality assurance laboratory.

If you have any questions or inquiries, please contact Copper Wire Stripper at www.copperwirestripper.com or call **1-888-419-3555**.