

CREWORKS WSMS025B2

CREWORKS Electric Wire Stripper Machine

Model: WSMS025B2

Brand: CREWORKS

1. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this machine. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when operating the machine.
- Ensure the machine is placed on a stable, level surface before operation.
- Keep hands and fingers clear of the blade and feed rollers during operation.
- Do not operate the machine in wet or damp conditions.
- Disconnect power before performing any adjustments, maintenance, or when the machine is not in use.
- Use the emergency stop button immediately if any malfunction or unsafe condition occurs.
- This machine is designed for stripping electrical wire insulation. Do not use it for purposes other than its intended use.
- Keep children and bystanders away from the operating area.

2. PRODUCT OVERVIEW AND COMPONENTS

The CREWORKS Electric Wire Stripper Machine is designed for efficient removal of insulation from various types of electrical wires. Familiarize yourself with the main components of the machine:

PRODUCT DIAGRAM

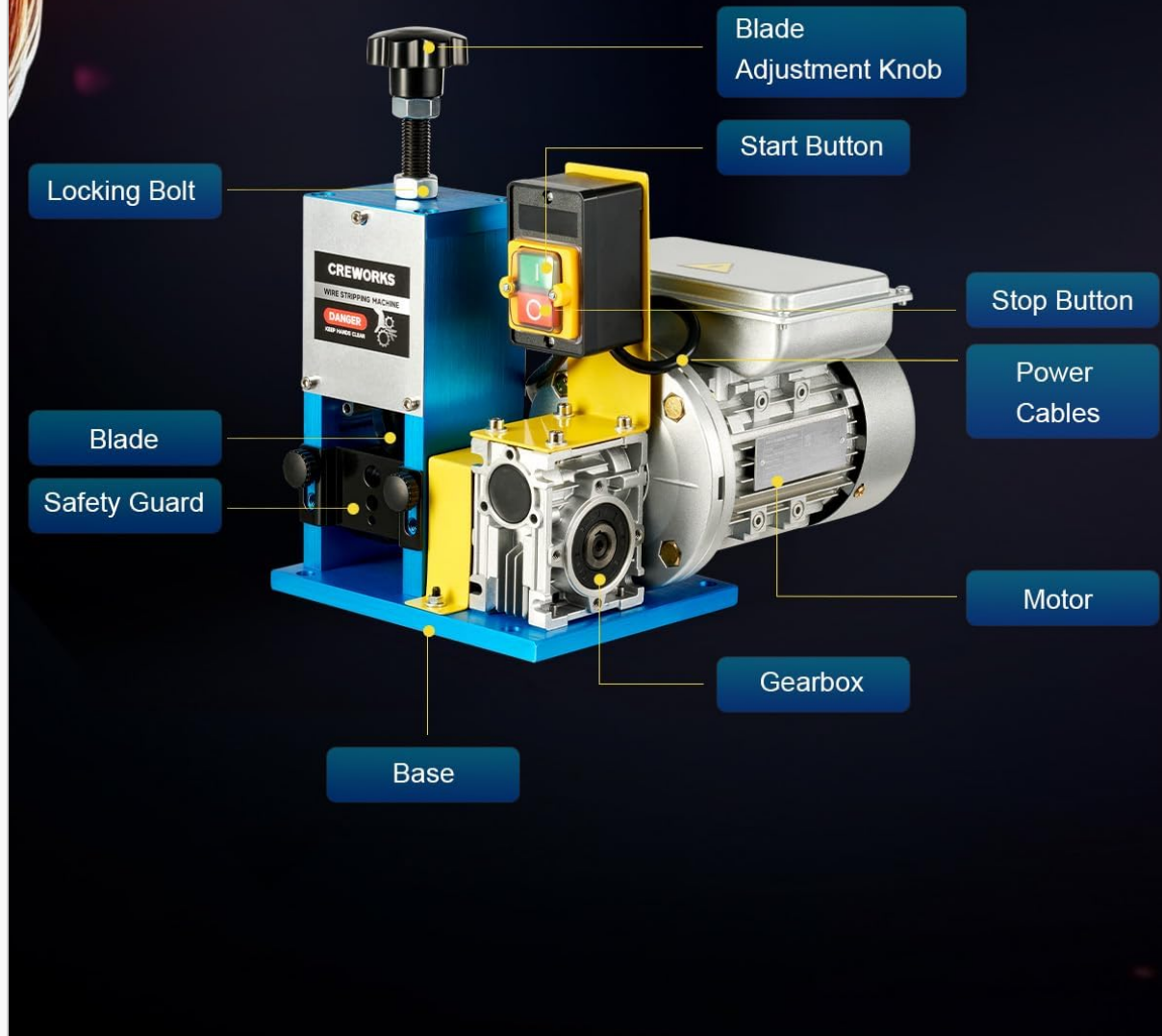


Figure 2.1: Product Diagram - This image illustrates the key components of the wire stripping machine, including the blade, adjustment knob, start/stop buttons, motor, gearbox, and base.

1. **Blade:** The cutting component that scores the wire insulation.
2. **Blade Adjustment Knob:** Used to precisely adjust the blade height for different wire diameters.
3. **Start Button:** Initiates the motor operation.
4. **Stop Button:** Halts the motor operation.
5. **Power Cables:** Connects the machine to the power source.
6. **Motor:** Provides the power for the stripping mechanism.
7. **Gearbox:** Transmits power from the motor to the rollers.
8. **Base:** Provides stability for the machine.
9. **Safety Guard:** Protects the user from moving parts and the blade.
10. **Locking Bolt:** Secures adjustable components.



Figure 2.2: High-Efficiency Roller and Blade - This image highlights the V-shaped roller with non-slip grooves and the ultra-sharp blade, designed for stable wire guidance and clean cuts.

3. SPECIFICATIONS

Specification	Value
Brand	CREWORKS
Model Number	WSMS025B2
Material	Aluminium Alloy Steel

Color	Blue, Yellow, Black
Product Dimensions	12.6"L x 9.45"W
Item Weight	25.8 Pounds
Wire Stripping Range	0.06" - 1" (1.5 - 25 mm)
Power Source	AC
Voltage	110 Volts
Wattage	180W
Stripping Speed	Up to 98 ft./min. (30 m/min.)
Feed Channels	5
Manufacturer	CO-Z
UPC	650076696289

AUTOMATIC WIRE STRIPPER

180W High-Speed Motor Strips Cables at up to 30 m/min.



1.5–25 mm
Cables



Stable
Performance



Continuous
Operation



Superior
Efficiency



Figure 3.1: High-Speed Motor - This image highlights the powerful 180W motor that enables efficient wire stripping at speeds up to 30 m/min.

4. SETUP

Before operating your CREWORKS Electric Wire Stripper Machine, ensure proper setup for safe and efficient use.

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the package contents are present.
2. **Placement:** Place the machine on a sturdy, flat, and stable workbench or surface. Ensure there is sufficient space around the machine for safe operation and for the stripped wire to exit.
3. **Power Connection:** Connect the power cable to a grounded 110V AC outlet. Ensure the power

switch is in the "OFF" position before plugging in.

4. Blade Adjustment:

- Identify the blade adjustment knob on top of the machine.
- Rotate the knob to raise or lower the blade. The blade should be set so that it scores the insulation without cutting into the copper conductor. A good starting point is to set the blade just touching the wire insulation.
- Test with a small piece of wire to ensure the correct depth is achieved. Adjust as necessary.

- 5. Feed Hole Selection:** The machine features multiple feed holes for various wire sizes. Select the appropriate feed hole that closely matches the diameter of the wire you intend to strip.

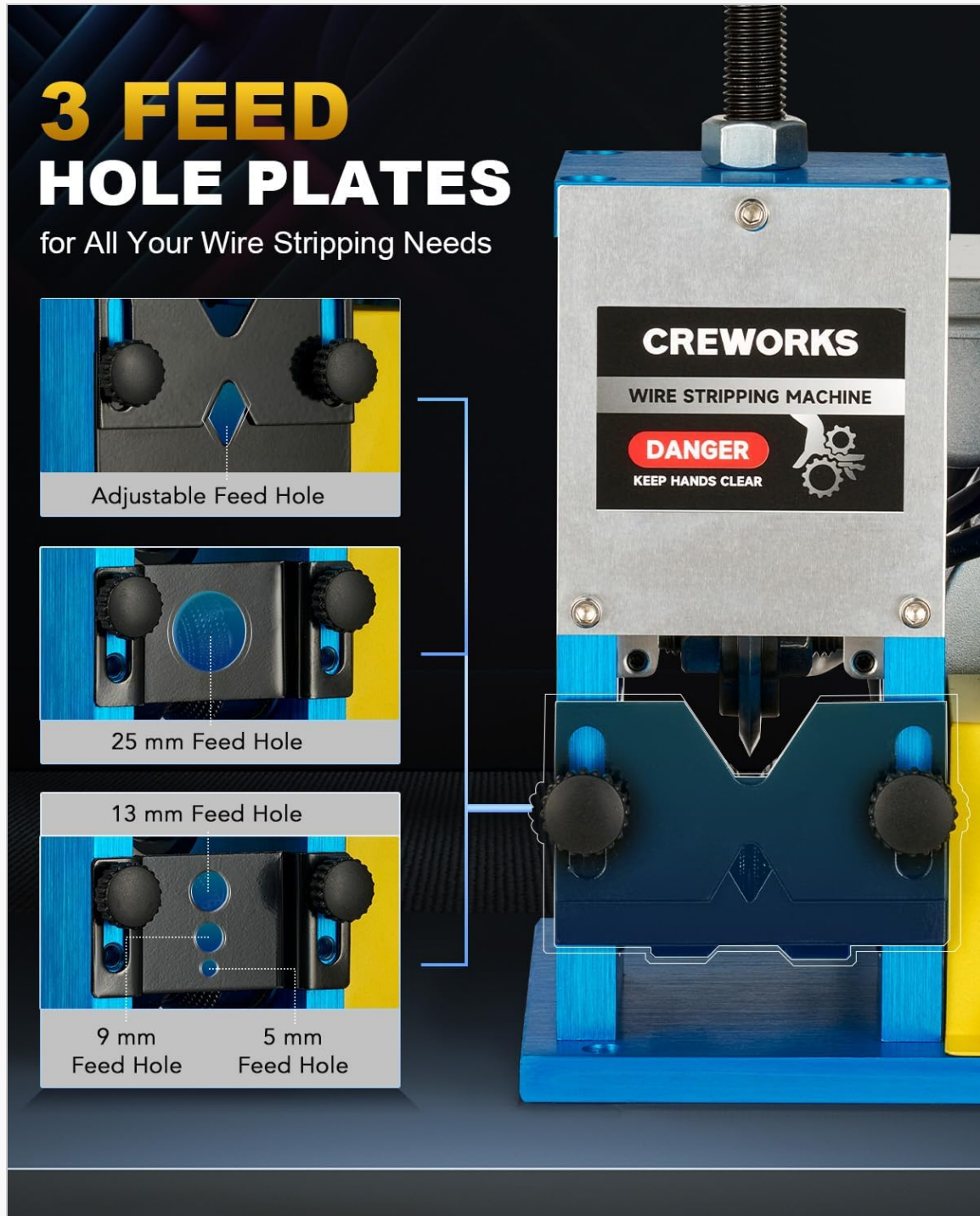


Figure 4.1: Feed Hole Plates - This image shows the three different feed hole plates, including an adjustable one, to accommodate various wire sizes from 1.5mm to 25mm.



Figure 4.2: Adjustable Feed Hole Plate - This image demonstrates the adjustable feed hole plate, allowing for stripping of cables from 1.5-16.8 mm without needing to switch plates.

5. OPERATING INSTRUCTIONS

Follow these steps to safely and effectively strip wires using your CREWORKS machine:

1. **Prepare the Wire:** Ensure the wire is straight and free of kinks or severe bends.
2. **Power On:** Press the green "Start" button to turn on the machine. The motor will begin to run.
3. **Feed the Wire:** Carefully insert the end of the insulated wire into the selected feed hole. The rollers will grip the wire and pull it through the machine.

EASY TO USE

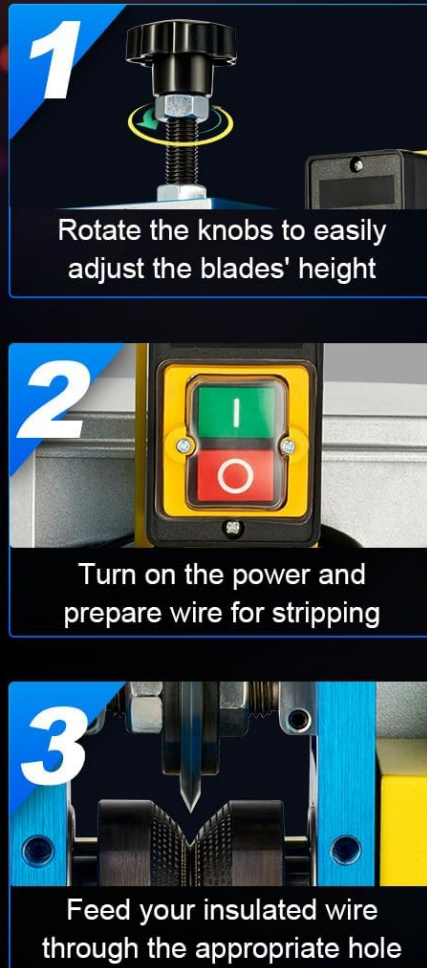


Figure 5.1: Easy Operation Steps - This image visually guides the user through the three main steps: adjusting blade height, turning on power, and feeding the wire.

- 4. Monitor Stripping:** As the wire passes through, the blade will score the insulation, and the rollers will separate it from the conductor. Guide the wire as it exits to prevent tangling.
- 5. Remove Insulation:** Once the wire has passed through, the insulation should be cleanly cut and easily removable from the copper.
- 6. Power Off:** After stripping, press the red "Stop" button to turn off the machine.

The machine is capable of stripping various types of cables, including copper wires, multi-conductor wires, electrical wires, automotive wires, and stranded wires.

BIG OR SMALL, WE STRIP IT ALL!

Compatible with 1.5–25 mm Cables



Figure 5.2: Versatile Wire Compatibility - This image illustrates the wide range of cable types, from 1.5-25 mm, that the machine can effectively strip, including copper, multi-conductor, electrical, stranded, and automotive wires.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your wire stripping machine.

- **Cleaning:** After each use, disconnect the power and clean any accumulated insulation debris from the machine, especially around the blade and rollers. Use a brush or compressed air.
- **Blade Inspection:** Periodically inspect the blade for sharpness and damage. A dull blade will result in poor stripping performance. Replace the blade if it shows signs of wear or damage.
- **Lubrication:** Refer to the specific lubrication points in the detailed manual (if provided by manufacturer) for periodic lubrication of moving parts, such as gears and bearings, to ensure smooth operation.

- **Motor Cooling:** Ensure the motor's cooling fan and vents are clear of obstructions to prevent overheating.



Figure 6.1: Motor Cooling Fan - This image shows the powerful cooling fan integrated into the motor, designed to dissipate heat and ensure prolonged machine operation.

- **Storage:** Store the machine in a dry, clean environment away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your wire stripping machine, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
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Machine does not start.	No power supply; Emergency stop engaged; Motor overload.	Check power connection; Release emergency stop button; Allow motor to cool down.
Wire not stripping cleanly.	Blade dull or improperly adjusted; Incorrect feed hole used.	Adjust blade depth; Replace blade if dull; Use appropriate feed hole for wire size.
Wire not feeding through.	Rollers clogged with debris; Wire too large for feed hole; Wire severely bent.	Clean rollers; Select larger feed hole; Straighten wire before feeding.
Machine making unusual noise.	Loose components; Lack of lubrication; Internal damage.	Check for loose parts and tighten; Lubricate moving parts; Contact customer support if noise persists.

If the problem persists after attempting these solutions, please contact CREWORKS customer support for further assistance.

8. WARRANTY INFORMATION

For detailed warranty information regarding your CREWORKS Electric Wire Stripper Machine, please refer to the warranty card included with your product packaging. The warranty typically covers manufacturing defects and material flaws for a specified period from the date of purchase. Keep your proof of purchase for warranty claims.

9. SUPPORT

Should you require technical assistance, replacement parts, or have any questions not covered in this manual, please contact CREWORKS customer support. Contact details can typically be found on the product packaging, the official CREWORKS website, or your purchase receipt.

For the latest information and support resources, please visit the official CREWORKS store:[CREWORKS Store on Amazon](#).