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› [VEVOR 400W Electric Wire Stripping Machine \(Model 1.5-38mm\) User Manual](#)

VEVOR 1.5-38mm

VEVOR 400W Electric Wire Stripping Machine (Model 1.5-38mm) User Manual

Model: 1.5-38mm | Brand: VEVOR

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your VEVOR 400W Electric Wire Stripping Machine, Model 1.5-38mm. Please read this manual thoroughly before operating the machine to ensure proper usage and to prevent injury or damage.

The VEVOR 400W Electric Wire Stripping Machine is constructed from durable aluminum alloy, designed to withstand rigorous environments and provide years of reliable service. It features a powerful 400W motor and high-hardness blades for efficient wire stripping.

HEAVY-DUTY CONSTRUCTION

Withstand rigorous environments and last for years



Strong Power

400W Powerful Motor

High-Quality
Aluminum Alloy



Figure 1: Heavy-Duty Construction. This image highlights the robust build of the machine, featuring a 400W motor and high-quality aluminum alloy components.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the machine's operation and potential hazards.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, gloves, and hearing protection.
- **Ensure a stable work environment:** Operate the machine on a flat, stable surface to prevent tipping.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Keep children and bystanders away:** Distractions can cause you to lose control.
- **Avoid accidental starting:** Ensure the switch is in the off position before connecting to power.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Use the right tool for the job:** Do not force the machine or attachments to do a job for which they were not

designed.

- **Disconnect power:** Always unplug the machine before making adjustments, changing accessories, or storing it.
- **Inspect the machine:** Check for damaged parts before each use. Replace or repair any damaged parts.
- **Emergency Stop:** Familiarize yourself with the location and operation of the emergency stop button.
- **Electrical Safety:** Ensure the power supply matches the machine's requirements. Do not operate in wet conditions.

PROFESSIONAL STRUCTURE

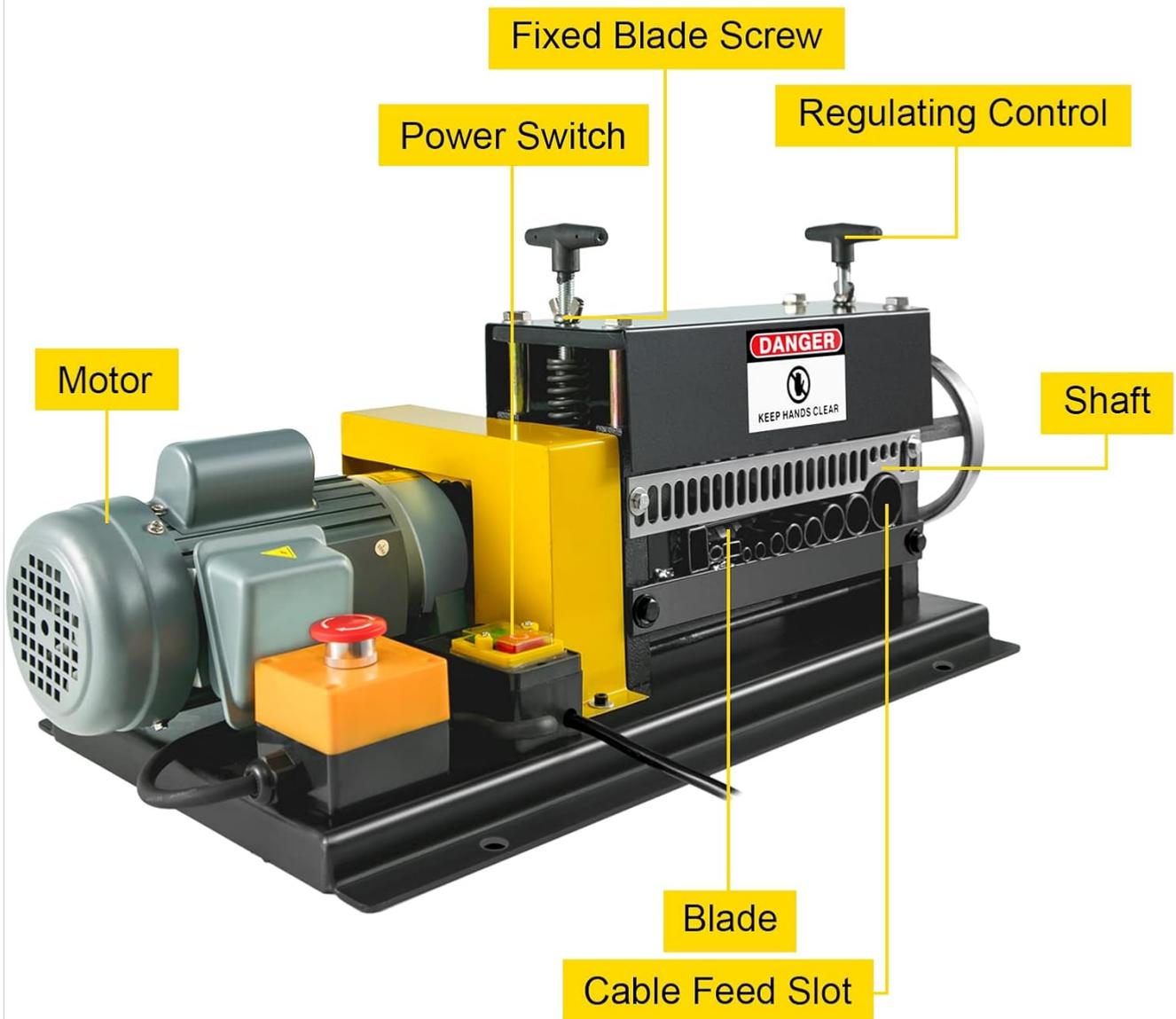


Figure 2: Key Components of the Wire Stripping Machine. This image shows the main parts of the machine, including the motor, power switch, regulating control, fixed blade screw, shaft, blade, and cable feed slot, highlighting the professional structure.

3. SETUP

3.1 Unpacking and Inspection

1. Carefully remove the machine from its packaging.
2. Inspect the machine for any signs of damage during transit. If damage is found, do not operate the machine and contact customer support.

3. Ensure all components listed in the packing list are present.

3.2 Placement

- Place the wire stripping machine on a sturdy, level workbench or surface capable of supporting its weight (approximately 41.3 kg).
- Ensure adequate clearance around the machine for safe operation and wire feeding/retrieval.

3.3 Power Connection

- Verify that the power switch is in the "OFF" position.
- Connect the power cord to a grounded electrical outlet that matches the machine's voltage requirements.

4. OPERATING INSTRUCTIONS

4.1 Wire Compatibility

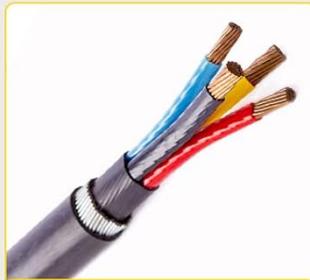
This machine is designed to strip various types of wires, including copper wire, hardcover wire, electric wire, and feeder lines, with diameters ranging from 1.5 mm (0.06 inches) to 38 mm (1.5 inches).

COPPER WIRE PEELER MACHINE

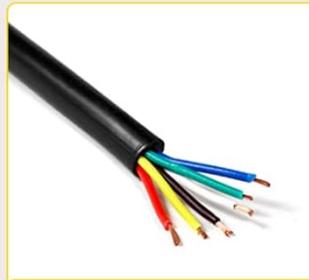
Designed for various sizes of wires



Copper Wire



Hardcover Wire



Electric Wire



Feeder Line



Figure 3: Wire Types and Compatibility. This image illustrates the various types of wires the machine can process, including copper, hardcover, electric, and feeder lines.

4.2 Adjusting Blades and Rollers

The machine features adjustable blades and rollers to accommodate different wire sizes. Proper adjustment is crucial for effective stripping and to prevent damage to the wire or machine.

1. Identify the appropriate feed hole for your wire diameter. The machine has 8 round channels and 2 flat slots.
2. Use the blade adjusting handle (refer to Figure 4) to raise or lower the blade assembly.
3. Adjust the blade so it scores the insulation without cutting into the copper conductor. Test with a small piece of wire and fine-tune as needed.

WIDE COMPATIBILITY

Perfect for recycling copper wire

Wire Stripping Range:
0.06"-1.5" (1.5-38 mm)



Thinner Line



Thicker Line



Adjustable Blades/Rollers



◆ 8 Round Channels
◆ 2 Flat Slots

Figure 4: Adjustable Blades and Wire Feed Slots. This image details the machine's wide compatibility, showing the adjustable blades/rollers and the various feed slots for wires ranging from 1.5mm to 38mm.

4.3 Stripping Process

1. Ensure the machine is properly adjusted for your wire size.
2. Turn on the machine using the one-key switch (refer to Figure 5).
3. Carefully feed the end of the wire into the chosen feed slot. The machine will automatically pull the wire through and strip the insulation.
4. Collect the stripped wire and insulation.
5. In case of a wire jam or any emergency, immediately press the red emergency stop button.

EFFORTLESS TO USE

Complete the work in a few steps

Blade Adjusting
Handle



One-Key Control



Simple Operation



One-key Switch

Figure 5: Effortless Operation. This image demonstrates the simple operation of the machine, featuring the blade adjusting handle and the one-key control switch.

HIGH STRIPPING EFFICIENCY

Heavy-duty gearbox for faster stripping speed



Safety Insurance



Time Saving



Hands-Free

1/4 HP Single Phase Induction Motor
Stripping Speed: 60 FT. PER. MIN.

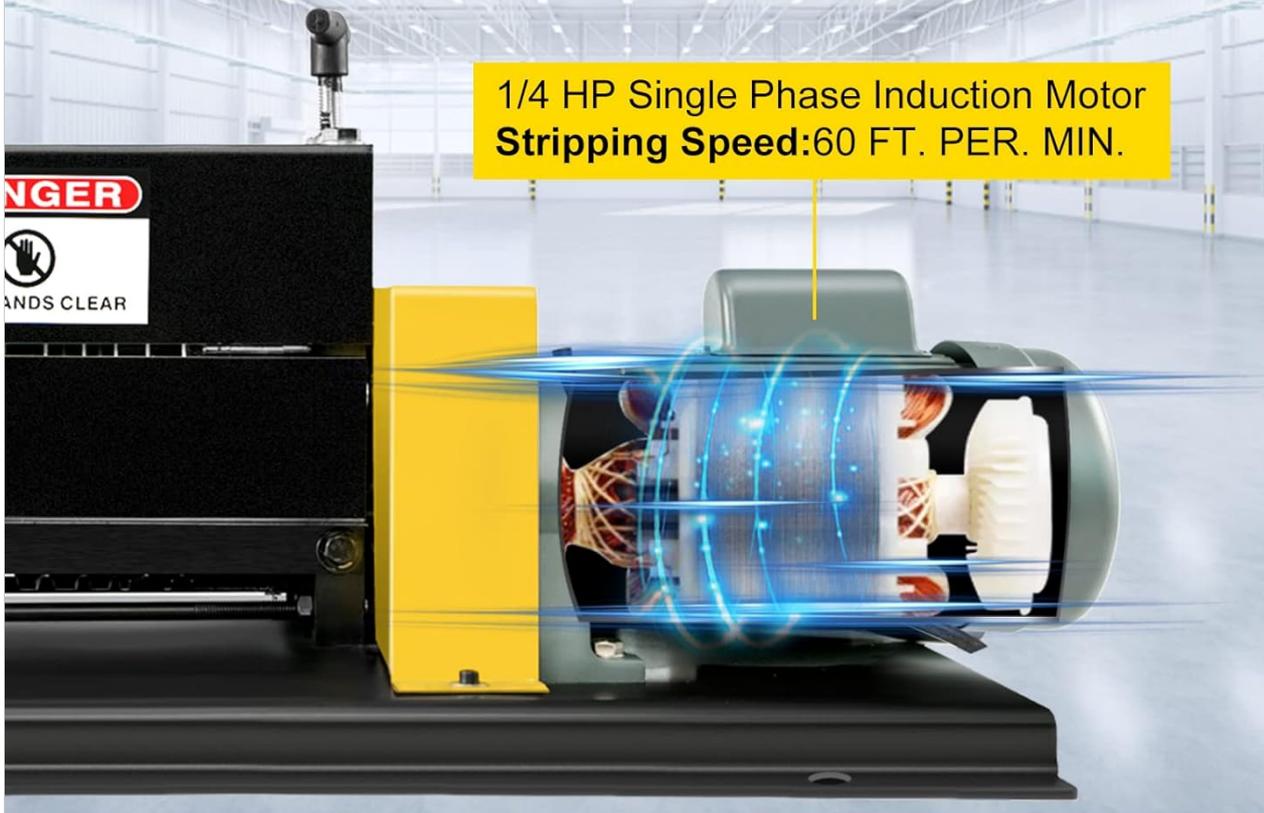


Figure 6: High Stripping Efficiency. This image highlights the machine's powerful motor and fast stripping speed, capable of processing wire at 18 meters (60 feet) per minute.

5. MAINTENANCE

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

5.1 Cleaning

- **Always disconnect power before cleaning.**
- Remove any accumulated wire scraps or insulation debris from the machine after each use.
- Wipe down the exterior surfaces with a clean, dry cloth. Do not use harsh chemicals or solvents.

5.2 Blade Inspection and Replacement

- Regularly inspect the stripping blades for wear, dullness, or damage.
- Dull blades can lead to inefficient stripping and damage to the wire. Replace blades as necessary. Refer to the machine's diagram for blade access.

5.3 Lubrication

- Periodically apply a small amount of machine oil to moving parts, such as the adjustment screws and rollers, to ensure smooth operation. Avoid over-lubrication.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact VEVOR customer support.

Problem	Possible Cause	Solution
Machine does not start.	No power supply; Emergency stop button engaged; Faulty switch.	Check power connection; Disengage emergency stop; Contact support for switch replacement.
Wire not stripping effectively.	Blades are dull; Blades not adjusted correctly; Incorrect feed slot used.	Inspect and replace blades if dull; Adjust blade height; Use the correct feed slot for wire diameter.
Wire gets jammed.	Wire fed incorrectly; Blade setting too deep; Debris in feed mechanism.	Immediately press emergency stop. Disconnect power. Clear obstruction. Re-adjust blade and feed wire properly.
Excessive noise during operation.	Lack of lubrication; Loose components; Internal motor issue.	Apply lubrication to moving parts; Check and tighten any loose fasteners; If noise persists, contact support.

7. SPECIFICATIONS

Feature	Detail
Model	1.5-38mm
Brand	VEVOR
Motor Power	400W
Motor Speed	1400 RPM
Wire Stripping Range	1.5 mm - 38 mm (0.06" - 1.5")
Stripping Speed	18 meters/minute (60 feet/minute)
Number of Feed Holes	10 (8 Round Channels, 2 Flat Slots)
Material	High-Quality Aluminum Alloy
Product Dimensions (L x W x H)	81.5 x 34.3 x 32.2 cm (32 x 13.5 x 12.6 inches)
Item Weight	41.3 kg (106.2 lbs)
Certification	IP44

PRODUCT SPECIFICATIONS:

VEVOR®

Item Weight: 106.2 lbs / 48.18 kg

Item Dimension: 32 x 13.5 x 12.6 inch / 81.5 x 34.3 x 32.2 cm



Figure 7: Product Dimensions and Weight. This image provides a visual representation of the machine's physical specifications, including its length, width, height, and weight.

8. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For warranty information, technical support, or to order replacement parts, please contact VEVOR customer service through their official website or the retailer where the product was purchased.

- **Online Support:** Visit the official VEVOR website for FAQs, product registration, and contact forms.
- **Proof of Purchase:** Keep your purchase receipt for warranty claims.