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› VEVOR Electric Strapping Machine V2 User Manual

VEVOR V2

VEVOR Electric Strapping Machine User Manual

Model: V2

1. INTRODUCTION

Thank you for choosing the VEVOR Electric Strapping Machine, Model V2. This portable electric banding tool is designed for efficient and automatic strapping of various packages and pallets using polypropylene (PP) and polyester (PET) straps. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your machine.

2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent injury and damage to the machine:

- Read and understand all instructions before operating the machine.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Do not operate the machine in wet or damp conditions.
- Keep hands and loose clothing away from moving parts.
- Use only the specified PP and PET strapping materials within the recommended width and thickness ranges.
- Disconnect the battery before performing any maintenance or cleaning.
- Do not attempt to modify or repair the machine yourself. Contact qualified service personnel for assistance.
- Store the machine and batteries in a dry, secure location away from children.

3. PRODUCT OVERVIEW

3.1 Components

The VEVOR Electric Strapping Machine comes with the following components:

- 1 x Electric Strapping Machine
- 2 x Battery Packs (4000mAh each)

- 1 x Adapter
- 1 x Battery Charger
- 1 x Wrench
- 1 x Screwdriver
- 1 x Piton
- 4 x Allen Keys
- 1 x Stopper
- 2 x Screws
- 1 x Spring
- 2 x Washers
- 1 x User Manual (this document)



Figure 3.1: VEVOR Electric Strapping Machine and Included Accessories. This image displays the main strapping tool along with its various accessories, including two battery packs, a charger, and maintenance tools.

3.2 Key Features

- **Versatile Strapping Options:** Compatible with polypropylene (PP) and polyester (PET) strapping bands, supporting widths from 0.35" to 0.63" (9 to 16mm) and thicknesses from 0.4 to 1.2mm.
- **Long Battery Life:** Powered by two 4000mAh lithium batteries, capable of up to 350 straps per full charge. Quick charge time of 90 minutes with detachable design for battery swapping.
- **Powerful Performance:** Adjustable tension force from 600N to 3200N and a strapping speed of 60-200 mm/s.
- **Digital Display:** Features a digital display for easy operation and adjustment of tension and fusion time.
- **Wide Application:** Suitable for various industries including paper, aluminum, steel, wood, chemical fiber, cotton, tobacco, chemical, and metal products.

VEVOR
TOUGH TOOLS, HALF PRICE

FLEXIBLE STRAPPING MATERIAL OPTIONS

Reduce waste and lower costs

PET Strapping PP Strapping

Width: 9-16 mm
0.35"-0.63"

Thickness: 0.4-1.2 mm
0.015"-0.047"

V₂
P0508816

The image is a promotional graphic for a VEVOR strapping machine. It features a background of a warehouse with blue metal shelving units. In the foreground, a blue and black strapping machine is shown in use, with a hand operating the handle. A green PET strapping band is being applied to a cardboard box. Two inset images show rolls of green PET and white PP strapping. Text overlays provide technical specifications for the strapping materials. The VEVOR logo is in the top left corner, and the machine model number P0508816 is visible on the bottom right of the machine.

Figure 3.2: Flexible Strapping Material Options. This image illustrates the compatibility of the machine with both PET and PP strapping, highlighting the supported width and thickness ranges.

LONG BATTERY LIFE, LESS DOWNTIME

2 x 4000mAh Large Batteries



Detachable

4000 mAh



Quick Charge

90 min

Long-Lasting Battery Life

≈ 350 Straps Per Full Charge



Figure 3.3: Battery Features. This image details the 4000mAh battery capacity, quick charging time, and the approximate number of straps achievable per full charge.

3200N POWERFUL FORCE

Strong Tension and Excellent Sealing/Cutting



Friction Welding,
Firm and Neat Joint



Figure 3.4: Powerful Performance. This image demonstrates the machine's ability to apply strong tension and create a firm, neat joint through friction welding.

DIGITAL ADJUSTMENT FOR EASY OPERATION

Quick adjustment of tension/welding time



Tension:
10 Levels Adjustable



Welding:
1-5s Adjustable



Figure 3.5: Digital Display. This image highlights the digital interface for adjusting tension (10 levels) and welding time (1-5 seconds).

ONE MACHINE HANDLES **ALL APPLICATIONS**

Suitable for paper/aluminum/steel/wood/chemical fiber/
cotton/tobacco/chemical/metal industries



Logistics Securing



Construction Material Strapping



Multi-Item Bundling



Wood Strapping



Box Reinforcement

Figure 3.6: Versatile Applications. This image showcases the machine's suitability for various materials and industries, including logistics, construction, and multi-item bundling.

4. SETUP

4.1 Charging and Installing the Battery

1. Insert the battery into the provided charger.
2. Connect the charger to a power outlet. The charging indicator will show the charging status. A full charge takes approximately 90 minutes.
3. Once fully charged, disconnect the charger and remove the battery.
4. Align the charged battery with the battery slot on the strapping machine and slide it in until it clicks securely into place.

4.2 Loading the Strapping Band

1. Ensure the machine is powered off.

2. Open the strap guide or feed mechanism on the machine.
3. Insert the strapping band into the designated slot, ensuring it passes through the tensioning and welding mechanisms correctly.
4. Close the strap guide. Ensure the strap is properly aligned and not twisted.

5. OPERATING INSTRUCTIONS

Follow these steps for effective strapping:

1. **Prepare the Item:** Place the item to be strapped on a stable surface. Wrap the strapping band around the item, ensuring sufficient overlap for the machine to grip.
2. **Insert the Strap:** Hold the machine firmly. Insert both ends of the strapping band into the machine's strap entry slot. Ensure the straps are flat and aligned.
3. **Tighten the Strap:** Press the tightening button (often labeled 'Tension' or indicated by an arrow pointing inwards) to begin tightening the strap around the package. The digital display allows for adjustment of tension levels (1-10). Release the button once the desired tension is achieved.
4. **Weld and Cut:** After tightening, press the welding button (often labeled 'Weld' or indicated by a flame icon). The machine will perform friction welding to seal the strap and then cut the excess. The welding time can be adjusted (1-5 seconds) via the digital display.
5. **Remove the Machine:** Once the welding process is complete and the indicator light stops flashing, lift the handle to remove the machine from the strapped package.



Figure 5.1: Operation Steps. This image visually guides through the four main steps of operating the strapping machine: inserting the strap, tightening, welding, and removing the machine.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your strapping machine:

- **Cleaning:** Regularly clean the strap guide, tensioning wheels, and welding mechanism to remove any strap residue or dust. Use a dry cloth or soft brush. Do not use abrasive cleaners or solvents.
- **Battery Care:** Store batteries in a cool, dry place. Charge batteries fully before long-term storage and recharge every 3-6 months to maintain battery health.
- **Inspection:** Periodically inspect the machine for any signs of wear, damage, or loose components. Ensure all screws are tightened.

- **Lubrication:** Consult the manufacturer's guidelines for any specific lubrication points, though typically electric strapping machines require minimal user lubrication.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Strap not sealing properly (loose or incomplete weld)	Insufficient welding time (F2 setting) Incorrect strap material or thickness Residue on welding mechanism	Adjust the welding time (F2 setting) to a longer duration via the digital display. Ensure correct PP/PET strap is used within specified thickness. Clean the welding mechanism.
Strap not tightening sufficiently	Tension setting too low Strap not properly inserted Worn tensioning wheels	Increase the tension level via the digital display. Re-insert the strap, ensuring it is flat and aligned. Inspect and replace tensioning wheels if worn.
Machine not powering on	Battery not charged Battery not properly installed Battery fault	Charge the battery fully. Ensure battery is securely clicked into place. Try a different charged battery if available.
Strap jams or breaks during operation	Incorrect strap alignment Strap too wide/thick for machine Foreign object in strap path	Ensure strap is flat and aligned before insertion. Verify strap dimensions are within machine specifications. Inspect and clear any obstructions from the strap path.

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

8. SPECIFICATIONS

Detailed specifications for the VEVOR Electric Strapping Machine (Model V2):

Attribute	Value
Item Model Number	V2
Product Dimensions	14.17 x 4.72 x 4.92 inches (360 x 120 x 125 mm)
Product Weight	10.58 Pounds (4.79 kg)
Body Material	Nylon
Gear Material	Alloy Steel
Cutter Material	Tool Steel
Applicable Strapping Types	PP, PET Straps
Applicable Strap Width	0.35"-0.63" (9-16 mm)

Attribute	Value
Applicable Strap Thickness	0.015"-0.047" (0.4-1.2 mm)
Tension (Strapping Force)	600N-3200N (Adjustable)
Strapping Speed	60-200 mm/s
Battery Capacity	Single 4000mAh (2 Battery Packs included)
Charging Time	Approx. 90 minutes
Straps per Full Charge	Approx. 350

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official VEVOR website. You can also contact the seller directly for assistance.

VEVOR Official Store: <https://www.amazon.com/stores/VEVOR/page/09A776F6-0EB9-4948-918D-9FF03FC17370>