

VEVOR EH-720TS

VEVOR EH-720TS Automatic Edge Detection Vinyl Cutter Machine Instruction Manual

Model: EH-720TS | Brand: VEVOR

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your VEVOR EH-720TS Automatic Edge Detection Vinyl Cutter Machine. Please read this manual thoroughly before use and retain it for future reference. This machine is designed for precision cutting of various materials, enabling the creation of customized crafts and professional projects.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Precision Cutting:** Achieves ± 0.1 mm accuracy with cutting speeds from 20 to 400mm/s. Features automatic edge detection for precise cuts along patterns.
- **Design Software Included:** Comes with design software featuring a library of pre-made designs. Compatible with SVG, EPS, PLT, and AI file formats.
- **Wide Material Compatibility:** Cuts over 100 materials including adhesive vinyl, HTV, cardstock, and EVA foam. Offers 10 adjustable blade pressure levels.
- **User-Friendly Design:** Modern white metal body with a color touchscreen for intuitive operation.

2.2 What's in the Box



Image: VEVOR EH-720TS Cutting Machine with all included accessories.

- 1 x VEVOR EH-720TS Cutting Machine
- 3 x Blades (various types)
- 1 x Blade Holder with Adjustment
- 1 x Scoring Stylus
- 1 x Scoring Stylus Holder
- 8 x Rolls of Polyethylene (Instant Stickers) Cutting Materials
- 1 x Cutting Mat (A3 Size)
- 1 x Transfer Film (60cm)
- 1 x Tool Kit (Hook, Tweezers, Cutter)
- 1 x Pressure Bar
- 1 x User Manual
- 1 x USB Cable
- 1 x Software Activation Card
- 1 x Adapter
- 1 x USB Flash Drive

3. SETUP

3.1 Unpacking and Placement

Carefully remove all components from the packaging. Place the cutting machine on a stable, level surface with adequate space around it for material feeding and operation. Ensure the power switch is off before connecting to a power source.

3.2 Blade Installation

Proper blade installation is crucial for accurate cutting. Follow these steps to install the cutting blade or scoring stylus into the blade holder:

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Video: Demonstrates the correct procedure for assembling and installing the blade into the cutter head.

1. Unscrew the cap of the blade holder.
2. Carefully insert the desired blade (cutting blade or scoring stylus) into the holder, ensuring it is seated correctly.
3. Screw the cap back on, tightening it securely but without excessive force.
4. Insert the assembled blade holder into the machine's carriage. Adjust the blade depth as needed for your material.

3.3 Software Installation

The VEVOR EH-720TS is compatible with Signmaster (for Windows) and Signcut (for Mac, one-year free license). Install the appropriate software on your computer using the provided USB flash drive or by downloading from the official VEVOR website. Follow the on-screen instructions for installation.

3.4 Connecting the Machine

Connect the machine to your computer using the provided USB cable. Ensure the machine is powered on. The software should detect the machine automatically. If not, refer to the software's connection settings to select the correct USB port.

4. OPERATION

4.1 Loading Material

Prepare your material (e.g., vinyl, cardstock) and place it onto the cutting mat or directly into the machine's feed rollers. Ensure the material is aligned straight to prevent skewed cuts.

Cutting Master of 100+ Materials



Instant Stickers



Car Decals



Heat Transfer Vinyl



Adhesive Stickers



Name Tags



Cardstock



Glow-in-the-Dark Stickers

Image: A user loading material into the cutting machine.

4.2 Designing and Sending to Cutter

Use the included design software to create or import your desired patterns. The software supports SVG, EPS, PLT, and AI formats. Once your design is ready, configure the cutting parameters (speed, force, blade offset) within the software and send the job to the cutter.

Design Software Included

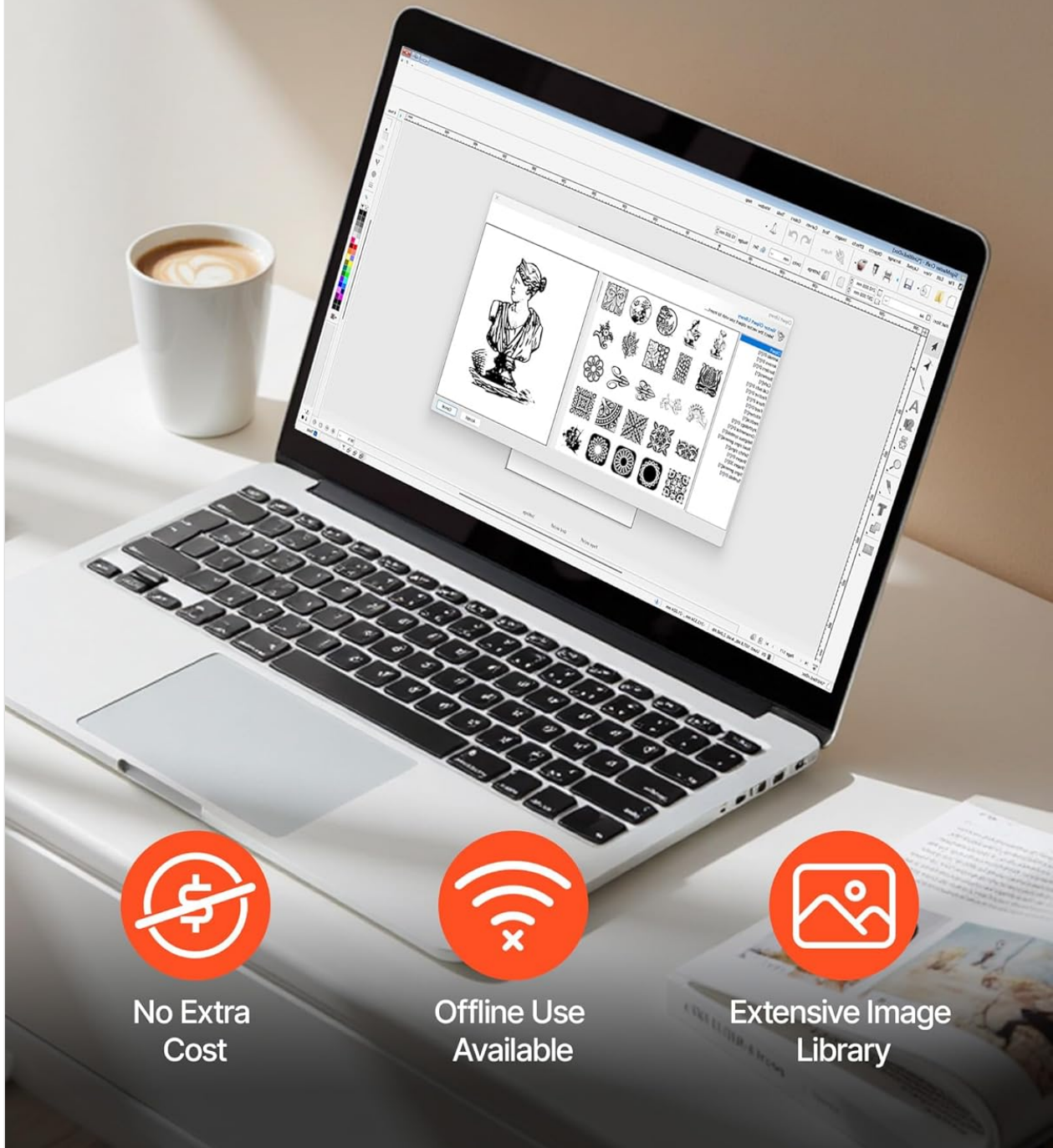


Image: Design software interface on a laptop, showing various design options.

4.3 Automatic Edge Detection Cutting

For designs requiring precise contour cutting around printed images, utilize the automatic edge detection feature. The machine will scan registration marks on your material to align the cut path accurately.

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Video: Demonstration of the automatic edge detection cutting process for printed designs.

4.4 Normal Cutting

For standard cuts on solid materials, the machine performs normal cutting based on the design sent from the

software.

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Video: Illustrates the normal cutting operation on a vinyl sheet.

4.5 Scoring with Stylus

The included scoring stylus allows you to create creases for foldable materials like cardstock, perfect for cards and invitations.

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Video: Shows the machine performing cuts and scores using different tools.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your cutting machine.

- **Cleaning:** Regularly clean the cutting mat, rollers, and blade holder to remove dust and material debris. Use a soft, dry cloth.
- **Blade Replacement:** Replace blades when they become dull to maintain cutting precision. Refer to section 3.2 for blade installation.
- **Software Updates:** Keep your design software updated to the latest version for improved features and compatibility.

6. TROUBLESHOOTING

If you encounter issues with your VEVOR EH-720TS, consider the following common troubleshooting steps:

- **Machine Not Responding:** Ensure the machine is powered on and properly connected via USB. Check the software's connection settings.
- **Poor Cut Quality:** Verify the blade is correctly installed and not dull. Adjust blade depth, cutting force, and speed settings in the software. Ensure the material is flat and securely loaded.
- **Inaccurate Contour Cuts:** Check that registration marks are clearly printed and properly scanned by the machine. Ensure lighting conditions are adequate.
- **Software Issues:** Restart the software and/or your computer. Reinstall the software if problems persist.

For further assistance, please contact VEVOR customer support.

7. SPECIFICATIONS

Specification	Detail
Model Number	EH-720TS
Max Paper Feed Slot Width	28" / 720 mm
Max Cutting Size	23.6" / 600 mm
Cutting Material Thickness	≤0.04" / 1mm
Connection Method	USB
Memory	16M
Software System	Windows (Signmaster), Signcut (Free for Mac, One Year)
Cutting Precision	±0.004" / 0.1mm
Cutting Speed Range	20-400mm/s
Product Color	White
Main Material	Aluminum Alloy
Product Dimensions	35.43 x 7.28 x 7.28 inches / 900 x 185 x 185 mm
Net Weight	24.5 lbs / 11.1 kg

8. WARRANTY AND SUPPORT

Specific warranty details are not provided in the product data. For warranty information, technical support, or service inquiries, please refer to the contact information provided in your product packaging or visit the official VEVOR website.