

Product instruction manual
Easymount Sign Laminator
EM-650SHW

easymount.[®]
SIGN



The Easymount Sign has been designed to be user friendly, however we strongly recommend you take a few minutes to read through this manual to ensure correct operation.

Keep this manual safe for future reference.

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Introduction

Thank you for purchasing the Easymount® Sign laminator.

This Easymount® Sign laminator is designed to perform and built to last, with its solid heavy duty construction. The advanced features allow you to laminate and mount.

Mount prints onto boards and apply vinyls, tapes and adhesive films quick and easily. Can also be used for short run foiling.

Please read these instructions carefully before starting to use the system to ensure you get the best results and are competent at operation.

Should you experience any problems please contact your supplier for further information.



**Easymount Sign
EM-650SHW**

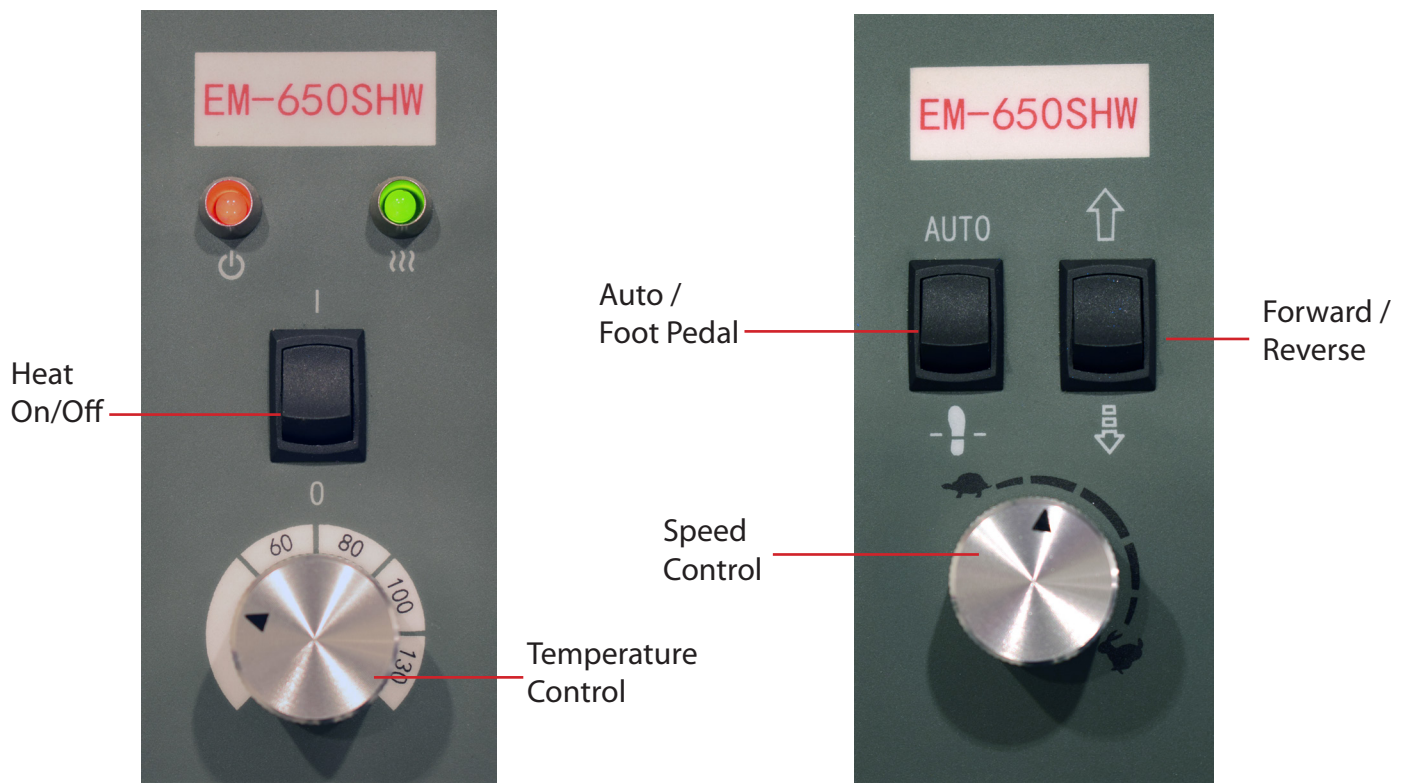
Safety Instructions

- Please ensure that the voltages of the power supply you are using match with rated working voltages before operating the machine
- The power supply should be close to the system for convenient use
- The power supply should provide reliable protective earthing connection
- Before the operation, the electric outlet must be grounded correctly
- This system must be earthed reliably to ensure the safety of the system during operation
- Only the operators of this system should operate the electric or motion components/controls
- The rollers on this system do get hot, always use the safety cover provided and turn off and allow to cool before touching the rollers.
- Please don't use damaged wires or sockets
- Please keep children away from touching and operating this system
- Please do not spray water or other liquid on the system otherwise electric shock or system faults could occur
- Please do not replace power cord or plugs yourself, do not put heavy objects on the power lines as this may cause electric shocks
- During use please take care that no clothes, neckties, hair, necklaces etc are near the system otherwise injuries could occur
- Please don't put burrs, sharp blades or over thick rigid materials between the roller (for example, tools, rulers and knives etc.)
- Don't cut adhesive films directly on the surface of the roller to avoid damage
- Please shut down the system after laminating to avoid misuse
- At the end of the working day always gape the rollers to ensure no flat spots or distortions occur
- When you need to move the system, please shut down the power switch and pull out the plugs
- Always ensure the system is positioned on a flat and sturdy surface
- Please shut off the power supply (pull out the power plug) when the system isn't going to be used for long periods of time
- Don't disjoint, modify and repair the system yourself
- Do not operate the system with wet hands
- Do not have the system pressing on the electrical wire

Environmental Requirements

- Ambient temperature 10°C - 40°C / 50°F - 104°F, humidity 30% - 80%, ideal humidity 55%
- Dust - Due to the static adherence of the film, you should keep the environment clean
- Please do not keep the system in direct sunlight
- Please do not keep the system in or around dusty areas
- Enough space should be kept around the system to ensure the secure and effective application

Control Panels



Easymount EM-650SHW

Specifications

	EM-650SHW
Max. Laminating Width	650mm/26"
Max. Mounting Thickness	15mm/0.6"
Laminating Speed	5m/16ft / min
Rated Working Voltage/Frequency	220V-240V, 50Hz-60Hz
Rate Input Power	50W
Dimensions	850 x 300 x 470mm / 33 x 12 x 19"
Gross Machine Weight	210 Kg / 463 lbs
Temperature	0-130°C (top roll only)

Operating Instructions

PREPARATION

Connecting the power source:

- Insert the plug into the power socket that is grounded correctly.
- Turn on the power switch, the power indicator light should illuminate.

FUNCTION OF THE CONTROL PANEL

- SPEED adjusting control: Turn the speed adjusting control to increase or decrease the laminating speed.
- AUTO/FOOT switch (Reset switch) : Set the AUTO/FOOT switch to your desired setting. This switch also works as a reset, switch from auto to foot then back to auto to reset your system.
- FORWARD/REV/OFF switch: Set the switch to forward, the system will run forward, feeding your work through along with the laminating film. The reverse will remove the laminating film from the system, this is used to remove any work inserted by mistake (reverse can only be used when the system is using the foot control mode). Setting the switch to off will put the system into a standby mode.

PHOTOCELL

The photocell will function as follows:

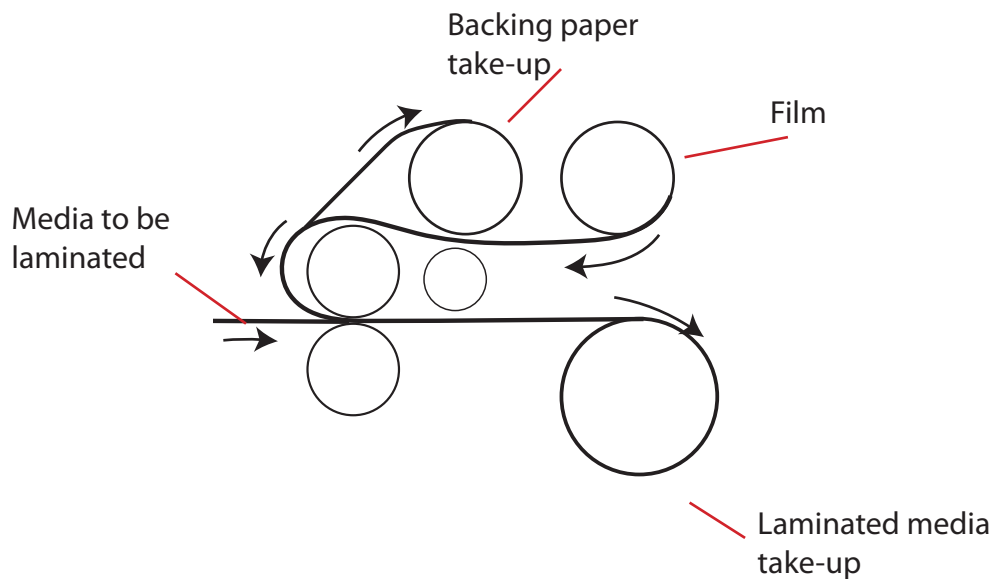
- AUTO: In auto control mode the rollers will stop immediately when the photocell is interrupted. A beep will sound if there is a blockage between the photocell sensor. Once the blockage is removed and you have activated the reset switch, the rollers will begin to run again.
- FOOT: In foot control mode a beep will sound when the photocell is interrupted, but the rollers will keep on running at the minimum speed as long as the foot pedal is still engaged.

EMERGENCY STOP

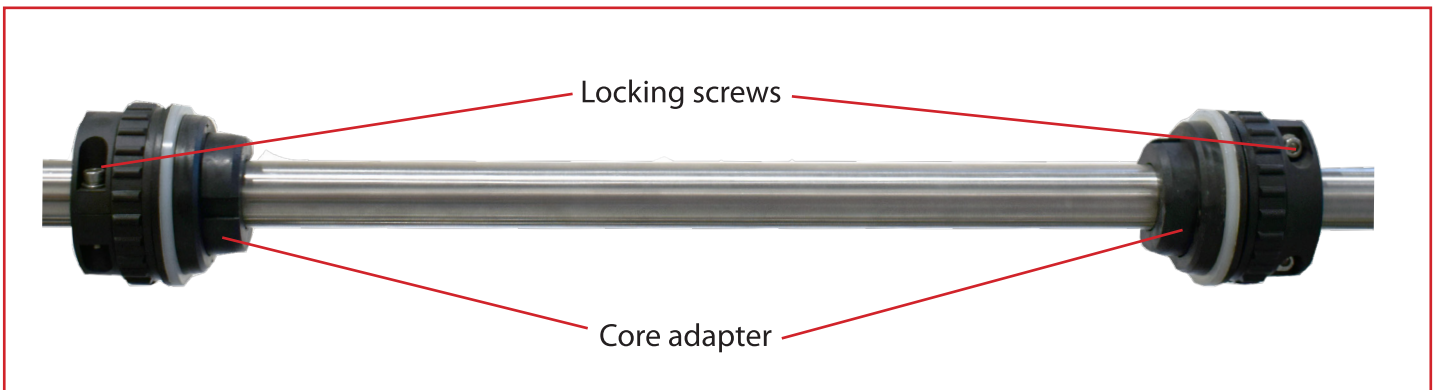
If the emergency stop button is pressed then the roller will come to an immediate stop. Rotate the button to the direction of the arrow to turn on the power supply.

Threading Cold Film

Follow the diagram to thread the film:



- Remove the mandrel from the mandrel support brackets.
- Loosen the two fastening screws on one of the mandrel core grips using the 5mm allen key 'T' provided, slide off one side.



- Slide on the laminating film, positioning it centrally on the mandrel.
- Refit the core adapter and tighten.
- Sit the mandrel with the laminate film back onto the mandrel brackets and lock the core adapters
- Insert a piece of guiding paper between the rollers. The width of the paper/cardboard should be wider than the cold film. Pull the film from the roller passing over the stabilizer bar towards the take-up roller and attach using tape.
- Attach the backing paper to the take-up mandrel. Peel back the film and stick to the guiding paper/cardboard.
- For long runs there is a media take-up mandrel (self-gripping)

The adhesive must face away from the roller.

- Close the rollers using the roller pressure hand wheel on the right hand side of the system. Press the Forward switch, the film will begin to feed.
- Heated Rollers - 0 -130°C

COLD LAMINATION

- Adjust the roller pressure hand wheel according to the thickness and the material of the film and the document to reach the optimum pressure. Turning the pressure wheel clockwise to increase the pressure. Turning the pressure wheel anti-clockwise will decrease the pressure.
NOTE. Too high pressure may produce air bubbles.
- Select AUTO or FOOT on the control panel.
- Turn the speed adjusting control to the desired speed.
- Place the document onto the feed table. Check the roller gap to suit your document. Select FORWARD to start the rollers moving, your document should begin to feed through the system.

Reminder: The width of your document should be larger than the width of the cold film. If the width of your document is smaller than the width of the film, place a protective paper underneath your document. Otherwise the glue could cause damage to the rollers:

- Stop the system once the document has been laminated and has been fully fed through. Otherwise an imprint may appear on your document.

Caution, do not attempt to laminate abrasive or metal objects such as staples, paperclips as this will cause damage to the laminating rollers.

Cleaning and maintenance of your system

The most expensive part of a laminator is usually the rollers. If these become damaged they are costly to repair. Always ensure you look after the rollers and clean them regularly to avoid a build up of glue (see advice below). Never hold a sharp object such as a knife close to the rollers in case of catching the rubber as this could cause permanent damage that will effect the result of your work.

When your laminator is cooling down, always separate the rollers using the roller pressure control, this will ensure that your rollers do not touch when still hot as this could leave a 'flat spot'.

Cleaning the rollers

Always use a clean cloth and a mild anti-static foam cleaner such as Amberclens by Ambersil or similar. Do not use a heavy duty solvent or anything abrasive.

If the film becomes jammed in the system in any way and there is a large build up of adhesive, do not try and remove this yourself. Contact your supplier for advice.



Spare Parts

For Spare Parts please contact your supplier.

Warranty & Incorrect Use

IMPORTANT INFORMATION

Your Easymount Sign laminator should reach you in perfect condition and is guaranteed for 1 Year from date of purchase covering defective parts and general wear and tear, this does not cover film jams, misfeeds or other operator related errors, which would be chargeable.

Your Easymount Sign Laminator rollers are covered against manufacturing defects. It does not cover against any damages caused by misuse i.e. being cut with a knife or damage from non Laminating or Mounting processes.

Your warranty will be void if the system has been modified by a third party not approved by the manufacturer (Vivid Laminating Technologies) to carry out such alterations.

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