

# Product instruction manual

## Easymount Wide Format Laminators

easymount.®



The Easymount 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 laminator.

Easymount is a high performance wide format mounting and laminating system with a solid construction built to last.

The Easymount is great for mounting prints to boards and applying pressure sensitive laminates as well as applying application tapes, double sided adhesives and vinyl's.

The system is easy to use and much faster than squeegeeing by hand and is an ideal solution to eliminating the hassles and expense of outsourcing.

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 us and we will be happy to help. Call

us on: **0845 1 30 40 50**



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## Safety Instructions

- Please ensure that the voltages of power supply you are using match with rated working voltages before operating the machine
- The power supply should be close to the machine for convenient use
- The power supply should provide reliable protective earthing connection
- This machine must be earthed reliably as to ensure the safety of the machine during operation
- Only the operators of this machine should operate the electric or motion components/controls
- Please don't use damaged wires or sockets
- Please keep children away from touching and operating this machine
- Please do not spray water or other liquid on the machine otherwise electric shock or machine 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 machine otherwise injuries could occur
- Please don't put burrs, sharp blades or over thick rigid materials into the two rubber covered rollers (for example, tools, rulers and knives etc.)
- Don't cut adhesive films directly on the surfaces of the rubber covered rollers to avoid damage
- Please shut down this machine after laminating to avoid misuse of the machine
- At the end of the working day always gape the rollers to ensure no flat spots or distortions occur
- When you need to move this machine, please shut down the power switch and pull out the plugs
- Please be aware of the location of the wheels during moving or operating this machine to avoid foot injuries
- Always ensure the machine is positioned on a flat and level floor
- Please shut off the power supply (pull out the power plug) when the machine isn't going to be used for long periods of time.

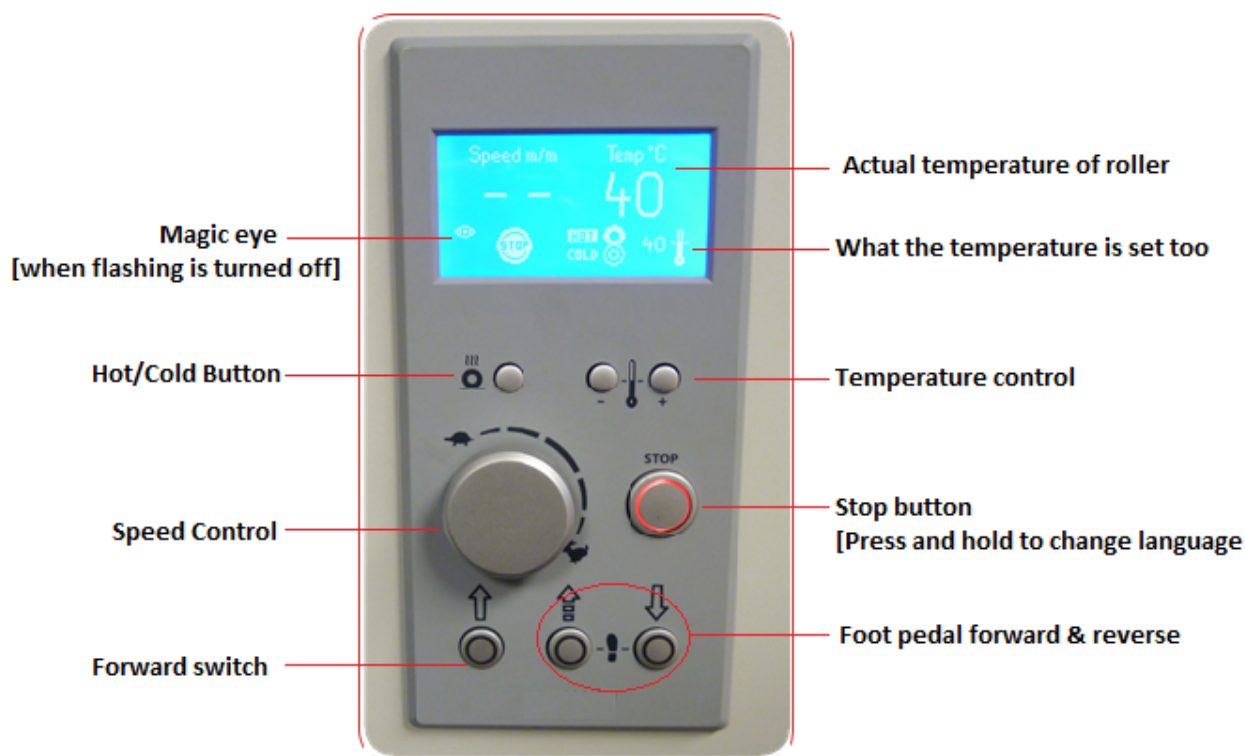
## Environmental Requirements

- Ambient temperature 10°C - 40°C, humidity 30% - 80%, Ideal humidity 55%
- Dust - Due to the static adherence of the film, you should keep the environment clean, a dust cover is provided with the machine
- Please do not keep the machines in direct sunlight
- Please do not keep the machine in or around dusty areas
- Enough space should be kept around the machine to ensure the secure and effective application. The minimum holding areas are 2.5m x 3m

## Specifications

	EM-1600SH
Max Laminating Width	1600mm
Max Laminating Thickness	25mm
Temperature of Rubber Roller	Ambient temperature to 60°C
Approx Highest Line Speed	6m/min
Approx Lowest Line Speed	0.7m/min
Rated Working Voltage/Frequency	220V, 50Hz (110V, 60Hz)
Rate Input Power	1500W
Dimensions	1790 x 740 x 1255
Net Weight	245kg

## The Control Panel





## Should be included...

Box with media support brackets



Easymount Tool Box

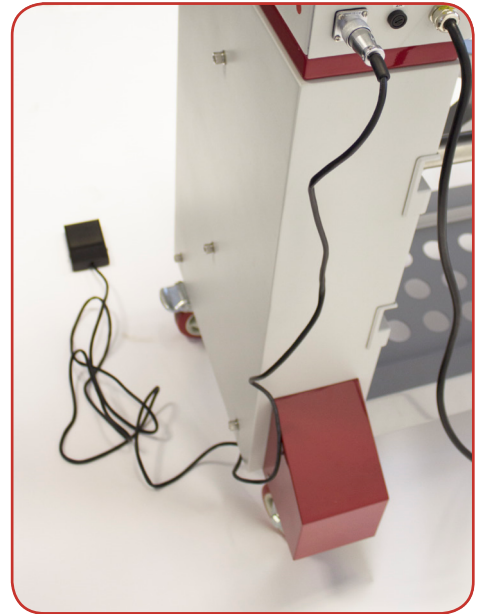
- Manual
- Mandrel Allen key 5mm
- Pack of Allen keys
- Safety cutter
- Dust cover
- Foot pedal
- Spirit level
- O rings
- Spare fuses



## Set-up

Ensure the system is positioned in a safe and convenient place, please read all safety requirements before operating your Easymount.

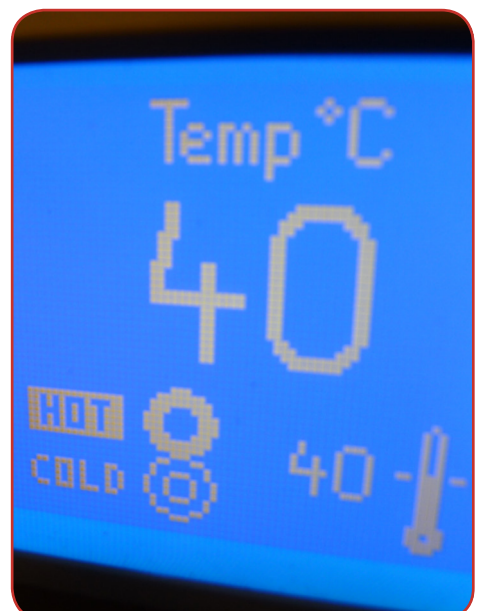
Connect the foot pedal into the relevant socket at the rear of the system and lock the wheel brakes in place.



The single heated Easymount can be run either cold or warm to switch between the two modes press the hot roller button on the control panel, The display will then show HOT next to the top roller icon.



Set the desired temperature using the up or down buttons. Both the set temperature and the actual temperature are displayed.



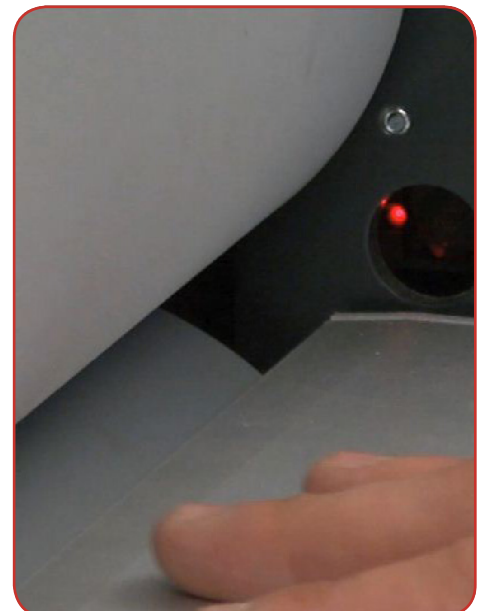
# Installation of Laminating Films

## Set-up

To drive the machine press either the forward drive button (left hand arrow) for continuous drive or step button (middle arrow) for the foot switch. The foot switch overrides the magic eye, it is advisable to start the machine with the foot pedal & then press the continuous button when running.



The films will then begin to be drawn through the machine. NOTE: When using continuous mode if the 'magic eye' sensor is blocked by material or hands the machine will stop, to override the sensor press the foot pedal.



You can adjust the rate at which the machine laminates by turning the 'speed control knob' up to a maximum of 6m/min.





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Open Mandrel locking sleeve.



Pull out the Swing out arm and slide the laminate in place.



## Installation of Laminating Films

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Locate the swing out arm back into its home position & centralize the laminate on the mandrel using the measurement guide.



Remove the take up mandrel [waste mandrel] by opening both locking sleeves and slide on a 3 inch core, then lock the mandrel back into place.



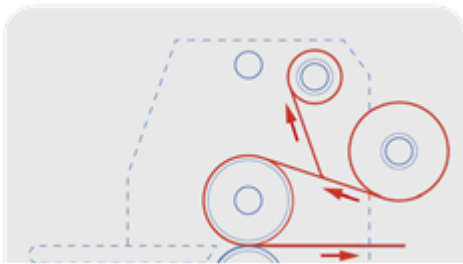


## Film Loading

Remove Safety Guard & Media support plate.



Higher the roller and pull the laminate through the machine.



Put tension on the laminate.





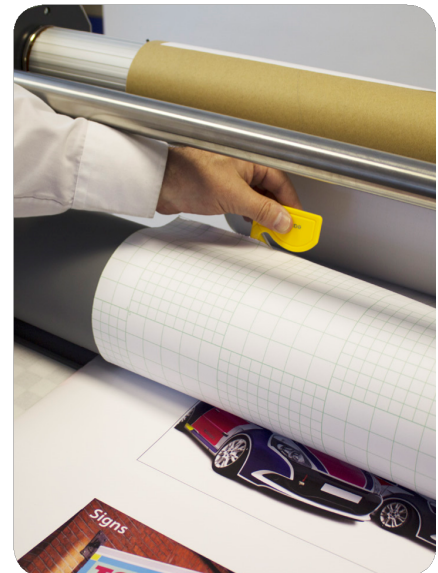
## Installation of Laminating Films

Pull the laminate from the back of the machine in the centre of the laminate with one hand while lowering the top roller with the other hand.

Please ensure you do not over tighten the roller pressure as it can cause a creasing effect in the centre of the media.



Once film is held in place separate the backing paper from the film using the safety knife provided.



Select foot pedal mode and select a slow speed, then press the foot pedal and inch the laminate through the rollers until the cut backing paper faces you.



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Pull the backing paper up towards the take up mandrel from the centre and secure it to the core using packing tape in 3 places, the centre, left and right.



Pull the remaining backing paper of the laminate down to the feed table and roll your vinyl and place in the hooks provided.



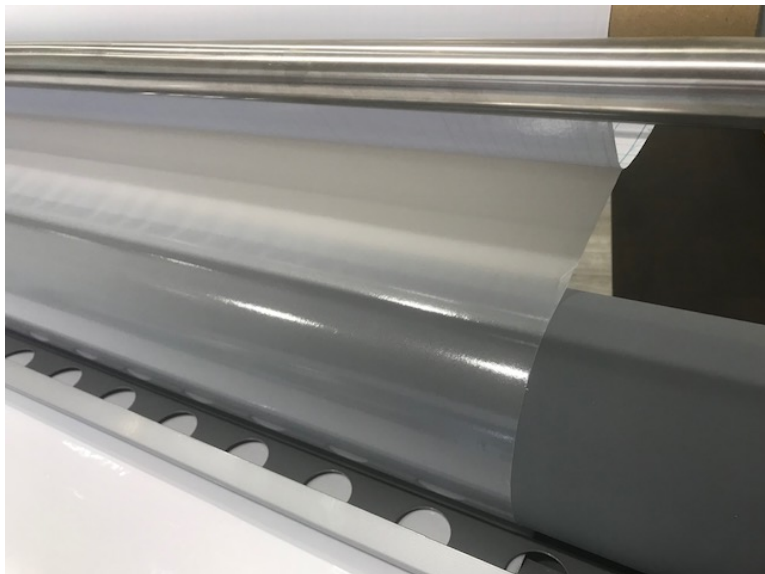
Insert the media support plate and safety guard.  
Feed your media over the feed table  
and into the nip of the rollers.  
When doing this ensure the vinyl is flat.





## Installation of Laminating Films

The Laminate should be tensioned enough to prevent creases on the media, if the laminate is following the backing paper either reduce the tension on the backing paper or increase the tension on the laminate.



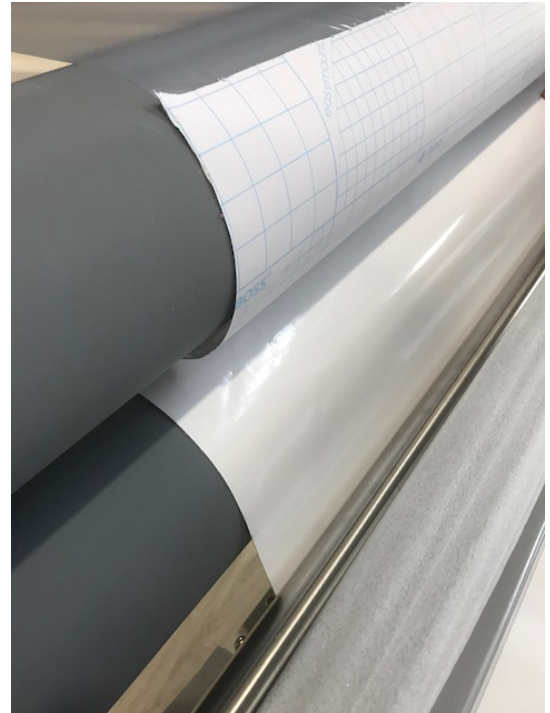
## Loading Roll to Roll

Open bottom mandrel locking sleeve and slide the vinyl in the centre of the mandrel.



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Lift the feed table in the up position and secure remaining media to the film, higher the top roller and insert the vinyl around the threading bar into the rollers.



You need to use a small amount of tension to hold the vinyl taught. Hold both the laminate and vinyl from the centre at the back of the machine and lower the roller down until the neutral position until you feel resistance.



#### **Please Note:**

**When the Easymount is not in use lift the rollers to prevent flat spots, which could cause a line in future work on every revolution of the roller.**

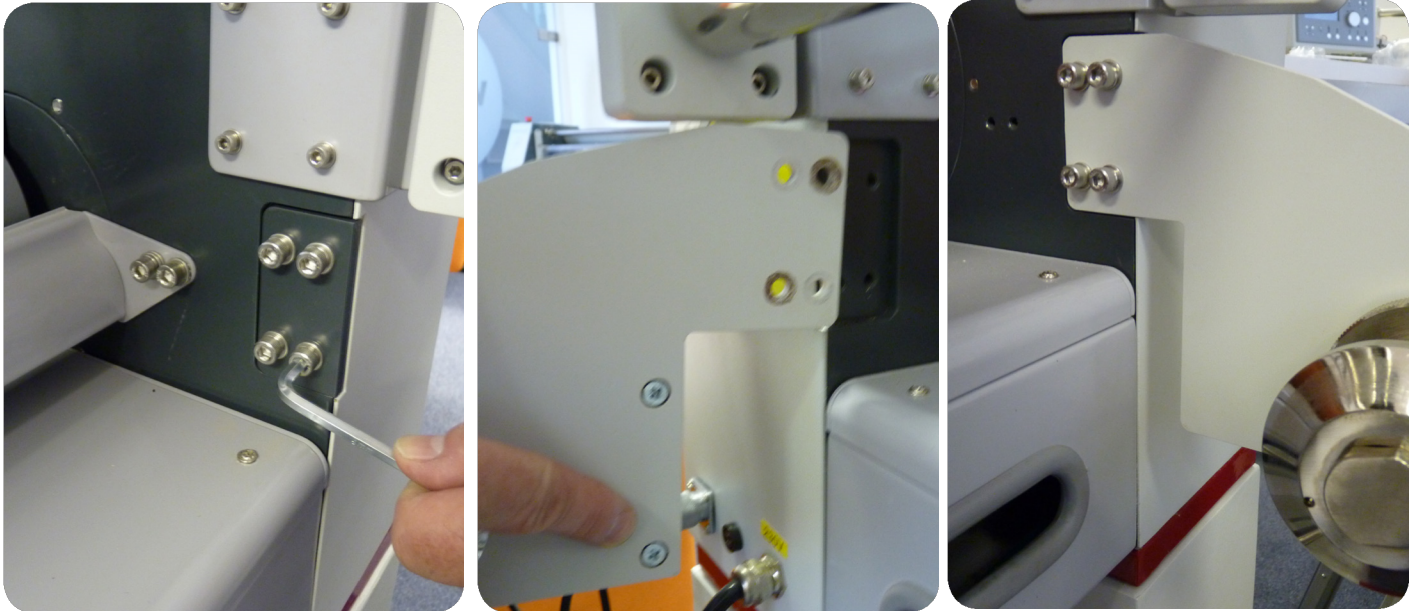


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## Optional Extras

### Take-up Unit

Remove blanking plates using a 5mm Allen key. Secure the left and right brackets to the machine.



Plug in the take up unit. Select full speed, forward & combine. Fit the take up mandrel (note the bracket is sprung loaded on the motorised unit). Then using double sided tape attach media/laminate to the core, the Easymount laminator is now ready to run prints reel to reel.



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## Laminating Adjustments

### Temperature

Most pressure sensitive films benefit from around 40°C / 104°F of heat being applied to help eliminate 'silvering'. If you don't get the desired result with 40°C / 104°F continue adding 5°C / 41°F of heat until you get the finish required.

### Speed

Adjust the speed until you get the required results

### Roller Pressure

Under normal operation wind the roller pressure adjustment handle until the rollers meet and the handle goes into a neutral mode then turn gently until you feel resistance. Then just apply an extra  $\frac{1}{8}$  of a turn to ensure there is sufficient pressure. If 'BOW' marks appear across the laminated document there is too much roller pressure applied and the top roller should be lifted slightly.



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## General Maintenance

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

It is easier to remove adhesive from the rollers when they are warm. Do not attempt this if the system is hot (above 40oC). 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 us for advice.



# Trouble Shooting

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## Problem

Media lifting in centre and wrinkling going through the rollers.  
This is caused by adding too much roller pressure.



## Solution

Take pressure off rollers and drop down loosely into the neutral position.



The media will then correct itself and run through smoothly.  
Film running loose and climbing up onto the take up core.  
This occurs when there is NO tension added to the film.



# Trouble Shooting

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## Problem

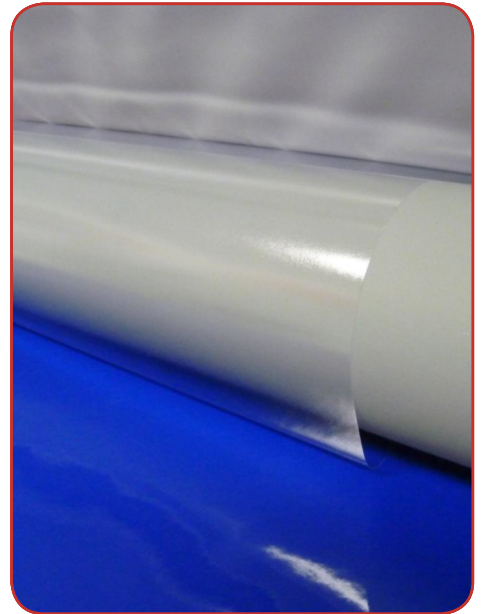
Laminate or media lifting at edges.

## Solution

Firstly, ensure the laminate and vinyl have sufficient tension. Add tension to the film by turning the tension handles in a clockwise direction. This must be done tightly for the film.

The film will now 'tension' and separate behind the roller and run through without creasing.

Media running too tight over the feed tray. This happens when the media is loaded onto the system and fed over the feed tray.



## Warranty & Incorrect Use

### IMPORTANT INFORMATION

Your laminator should reach you in perfect condition, however please retain all original packaging once you have unpacked your laminator in case you need to return it to us. If your laminator arrives damaged or faulty in anyway, this must be reported to your supplier immediately. If you send your laminator back for repair under warranty at any time, then the warranty may be void if the laminator is not packaged correctly and as a result is damaged in transit. The laminator you have purchased comes with a 1 year warranty on defective parts. THIS DOES NOT COVER any jams, misfeeds or wrap arounds caused by operator error and you will be liable for the repair costs (including delivery charges) if the damage is caused by operator error.

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