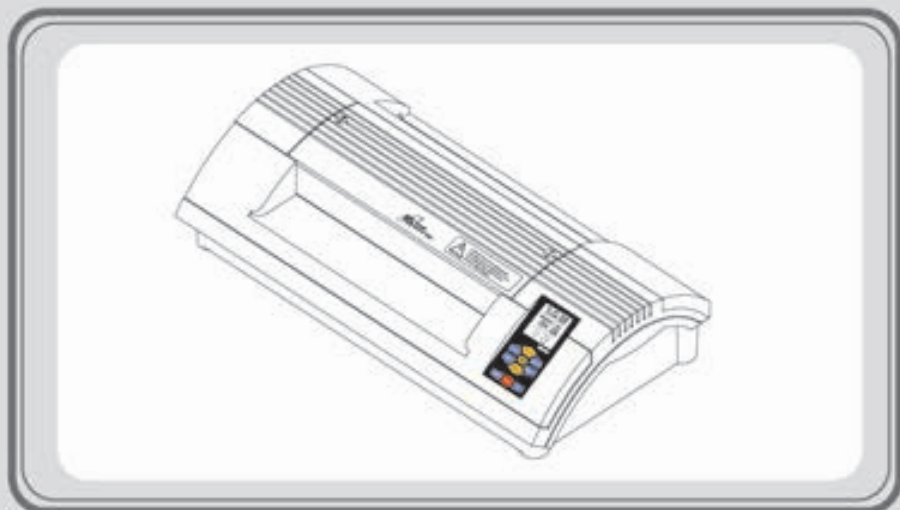




OWNER'S MANUAL

LAMINATOR

Model No.HSH-1201



Read all instructions carefully before use.
Royal Sovereign International Inc.

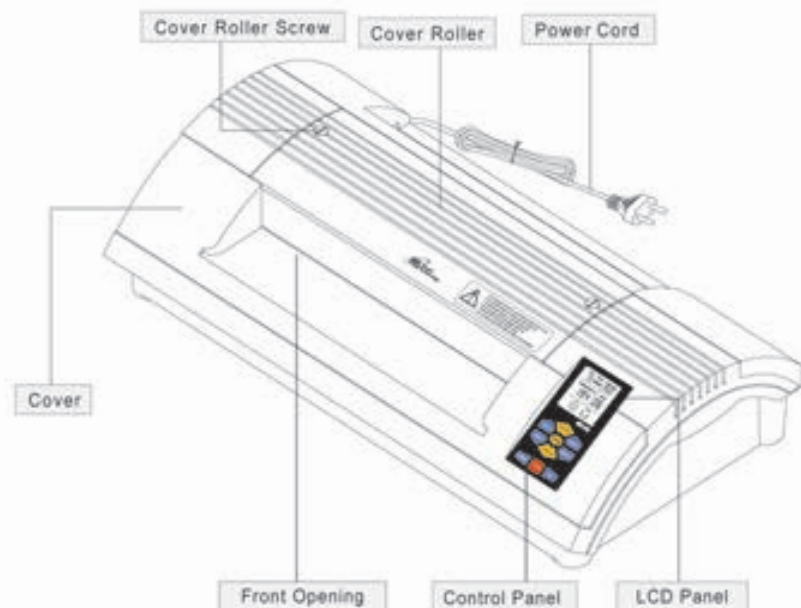
TABLE OF CONTENTS

TOPIC	PAGE
INTRODUCTION _____	3
MAJOR PARTS _____	3
SAFETY PRECAUTIONS _____	4
CONTROL PANEL INSTRUCTIONS _____	5
HOT LAMINATING PROCEDURE _____	8
COLD LAMINATING PROCEDURE _____	8
MAINTENANCE _____	10
TROUBLESHOOTING _____	11
SPECIFICATIONS _____	11
WARRANTY	

INTRODUCTION

Thank you for purchasing a Royal Sovereign HSH-1201 Laminating Machine. It has been designed and manufactured to provide years of continuous service. To insure high quality lamination, please read this instruction manual thoroughly. This manual will provide you with complete operating and maintenance information. For additional product support, call Royal Sovereign Customer Service at (800) 397-1025/201-01020

MAJOR PARTS



SAFETY PRECAUTIONS



The safety recommendations outlined in this section are to be read, understood and followed before operating the machine. Failure to comply with any of the following safety procedures could result in serious injury. Keep this information for future reference.



1. To prevent the possibility of fire or injury, do not allow articles of clothing (neckties, scarves, or paperclips etc.) inside the machine.



2. Do not attempt to laminate items that exceed total recommended material thickness.



3. To prevent the possibility of electric shock, do not immerse the laminator in water or permit liquids inside the machine.



4. Because the laminator creates heat, keep out of reach of children.



5. Do not operate machine for any other purpose other than its intended use.



6. This machine is for indoor use only.

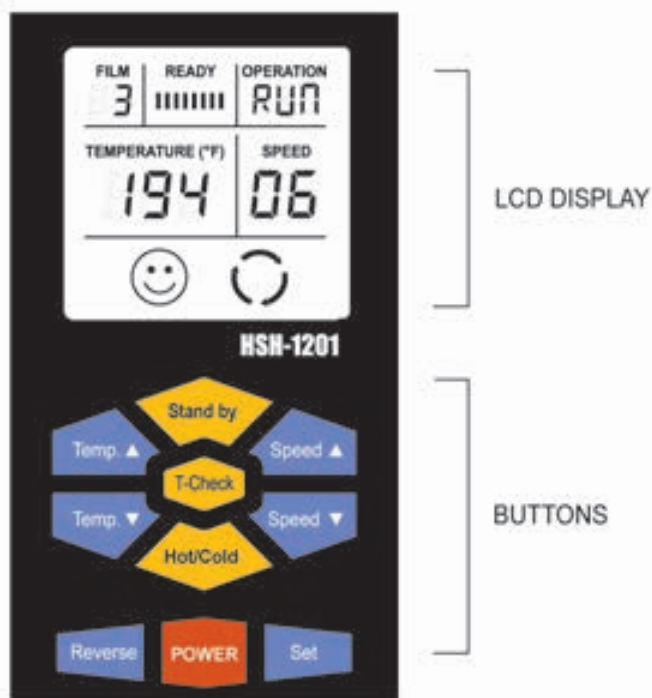


7. Do not operate the machine if the outlet or power cord is damaged. Contact a qualified electrician.

CONTROL PANEL INSTRUCTIONS

Appropriate speed and temperature may be set, using the LCD controller.

CONTROL PANEL SETTINGS



LCD DISPLAY



FILM

This displays the current film thickness.

10 film settings

3 mil=75 mic, 4 mil=100 mic, 5 mil=125 mic
6mil=150mic, 7 mil=175 mic, 8mil=200mic,
10mil=250mic,

SPEED

12 speed options (1-12)

TEMPERATURE

This displays the current temperature.



displayed when desired temperature is met.



READY

This Indicates that the current temperature is either higher or lower than the preset temperature. Wait until the indicator stops blinking.



Indicates what direction the rollers are moving in (FWD/REV).



Indicates if the machine is ON or OFF.

CONTROL PANEL FUNCTIONS



T-Check

Press this to check the current temperature

Stand by

Set temperature 176°F(80°C) speed 2

Hot / Cold

Press this to choose the Hot/Cold function

Set

Press this to scroll through preset settings

Temp. ▲

Press this to increase the temperature

Reverse

Reverse function

Temp. ▼

Press this to decrease the temperature

POWER

Power ON/OFF


Speed ▲

Press this to increase the speed

Speed ▼

Press this to decrease the speed

HOT LAMINATING PROCEDURE

1. Place and use the laminator on a sturdy, flat work surface.
2. Plug in the laminator after verifying the correct outlet voltage.
3. Press the power button.
4. Make sure the machine is in the HOT lamination mode by pressing the HOT/COLD button.
5. Select the correct pouch thickness by pressing the  button.
6. Set the temperature and speed according to the pouch thickness. Please refer to the SPECIFICATIONS section for recommended settings
7. The 😊 symbol will appear and you will hear 3 beeps when your desired temperature is met. The machine is now ready for lamination.
8. Place the item to be laminated into the laminating pouch.
9. Insert the pouch (sealed side first) into the front opening of the machine.
10. The laminated item will exit out the rear of the machine when completed.
11. If you laminate several items continuously the 😊 may disappear, please wait until it is displayed again before continuing lamination.
12. When the machine is on for an extended period of time, use a slightly lower temperature setting as the internal temperature of the machine may actually be higher than the preset temperature, which may cause the document to bend
13. When you are finished laminating, press the OFF button. The rollers will continue to roll until the temperature decreases to 140°F(60°C).

NOTE: Your laminated item will be hot and can easily bend. To keep your laminated item flat, place on a flat surface and allow to cool.

COLD LAMINATING PROCEDURE

1. Set the laminator in the COLD lamination mode by pressing the HOT/COLD button.
2. The 😊 symbol will appear and you will hear 3 beeps when the machine is in the cold temperature mode. The machine is now ready for lamination.
3. Place the document to be laminated on the adhesive side of the cold film with the document face down.
4. Insert the document to be laminated into the front opening of the machine. Remove the paper liner from the cold film slowly while the document is being inserted into the machine.

NOTE: When switching the machine from the hot to cold mode, please wait until the rollers cool down. It will take approximately 20-30 minutes. The 😊 symbol will appear and you will hear 3 beeps.

COLOR FOIL LAMINATING PROCEDURE

IMPORTANT: Carrier is required for Foil Lamination

1. Set the temperature and speed according to the pouch thickness (FOIL).

Please refer to the SPECIFICATIONS section for recommended settings.

2. The **READY (|||||)** symbol will stop blinking and a ☺ symbol will appear when the correct temperature is met. The machine is now ready for lamination.

3. Position the color foil on the document with the color side facing up. When you are applying the foil to small areas or using different colors, use the tape that's included to hold the foil in place.

4. Place the document into the paper carrier.

5. Insert the carrier into the front opening of the machine.

6. The carrier will exit out the rear of the machine when completed.

NOTE: Your laminated item will be hot and can easily bend. To keep your laminated item flat, place on a flat surface and allow to cool.

MAINTENANCE

When adhesives from film build up on the rollers, the quality of lamination will decrease and jamming may occur. Please clean the rollers regularly.



1. Turn on the laminator and set the temperature to 212°F(100°C) and set the mil thickness to 4mil(100mic).
2. Insert a sheet of clean thick paper (about 0.5mm to 1/50" thick) into the front opening of the machine 2-3 times to remove excess adhesives from the rollers.
3. To thoroughly clean the rollers make sure the machine is in the COLD mode and the rollers are completely cool.
4. Unscrew the 2 screws on the cover using a screwdriver. Once the screws are off, remove the top cover.
5. Use a cleaning solvent such as Laminex Poly-off or something equivalent on a lint free cloth to clean residue on the rollers. (Do not use alcohol or petroleum based cleaning solvents or abrasives).
6. Place the cover and screws back into place and tighten.
7. Use and store this unit in a dry area, damp area may damage the machine.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
Motor doesn't work	<ul style="list-style-type: none"> - Power cord may not be plugged in. - Power switch is off 	<ul style="list-style-type: none"> - Check and plug in the power cord. - Check and turn on the power.
Pouches are not laminating correctly	<ul style="list-style-type: none"> - If laminating heat sealed pouches, the machine may be set in the COLD mode. -The temperature may be set too low -The speed is set too high 	<ul style="list-style-type: none"> - Make sure the machine is in the HOT mode - Check the temperature is set according to pouch thickness. - Adjust to a lower speed.

SPECIFICATIONS

Model	HSH- 1201
Dimensions	22.8"x11.4"x4.9" (in) 580x290x124 (mm)
Max.Laminating Width	13 (in) 330 (mm)
Max.Lam. Thickness	1/10" (in) 3mm
Film Thickness	1.5-10 (mil) 37.5 ~ 250mic
Heat method	Hot Roller
Warm up time	5'30" min
Cooling system	DC FAN
Motor Type	DC GEARED MOTOR
Laminating speed	8.86 (ft/min) 2700 (mm/min)
Number of rollers	6
Unit weight	32 (lbs) 14.5Kg
Voltage supply	100V/120V/220~240V(50~60Hz)
Power Consumption	1200W/1200W/1200~1300 W

POUCH FILM SETTINGS

Please refer to the settings below if you are laminating a few items.

FILM SETTINGS (Based on 25°C Room Temperature)			
Set the temperature & speed for the materials to be laminated based on the table below.			
Film Thickness	Film Width	Temperature	Speed
23 Seic (1 Seic) Carrier Required	80	90	2
	120	95	2
	200	100	2
75mic (3seic)	120	90	2
	200	90	4
	80	95	7
100mic (4seic)	120	90	4
	200	90	4
	80	100	2
125mic (5seic)	120	100	6
	200	100	4
	80	100	2
150mic (6seic)	120	100	2
	200	100	2
	80	110	6
175mic (7seic)	120	110	4
	200	110	4
	80	110	6
200mic (8seic)	120	110	5
	200	110	4
	80	120	2
250mic (10seic)	120	120	2
	200	120	2
	80	120	4
THINFLEX™	120	120	1
	200	120	1
	80	120	4
FOIL	120	120	4
	200	120	1

Before laminating, it is required to set the temperature and speed which are suitable for materials to be laminated

FILM SETTINGS (Based on 77°F Room Temperature)			
Set the temperature & speed for the materials to be laminated based on the table below.			
Film Thickness	Film Width	Temperature	Speed
1 Seic (27 Seic) Carrier Required	80	104	2
	120	100	2
	200	110	2
3seic (75mic)	80	104	2
	120	104	2
	200	104	4
4seic (100mic)	120	100	2
	200	100	2
	80	110	7
5seic (125mic)	120	110	2
	200	110	4
	80	110	7
6seic (150mic)	120	110	2
	200	110	4
	80	120	2
7seic (175mic)	120	120	2
	200	120	4
	80	120	6
8seic (200mic)	120	120	2
	200	120	4
	80	130	2
10seic (250mic)	120	120	2
	200	120	2
	80	140	4
THINFLEX™	120	140	1
	200	140	1
	80	140	4
FOIL	120	140	4
	200	140	1

Before laminating, it is required to set the temperature and speed which are suitable for materials to be laminated

Please refer to the settings below for continuous lamination.

FILM SETTINGS (Based on 25°C Room Temperature)			
Set the temperature & speed for the materials to be laminated based on the table below.			
Film Thickness	Film Width	Temperature	Speed
23 Seic (1 Seic) Carrier Required	80	100	10
	120	100	9
	200	100	8
75mic (3seic)	120	100	12
	200	100	12
	80	110	12
100mic (4seic)	120	100	12
	200	100	12
	80	120	12
125mic (5seic)	120	100	11
	200	100	10
	80	120	11
150mic (6seic)	120	100	10
	200	100	9
	80	130	10
175mic (7seic)	120	100	9
	200	100	8
	80	140	9
200mic (8seic)	120	100	8
	200	100	7
	80	150	8
250mic (10seic)	120	100	7
	200	100	6
	80	160	10
THINFLEX™	120	160	9
	200	160	8
	80	160	10
FOIL	120	160	9
	200	160	6

Before laminating, it is required to set the temperature and speed which are suitable for materials to be laminated

FILM SETTINGS (Based on 77°F Room Temperature)			
Set the temperature & speed for the materials to be laminated based on the table below.			
Film Thickness	Film Width	Temperature	Speed
1 Seic (27 Seic) Carrier Required	80	120	10
	120	120	9
	200	120	8
3seic (75mic)	80	120	12
	120	120	12
	200	120	12
4seic (100mic)	120	120	12
	200	120	12
	80	130	12
5seic (125mic)	120	120	11
	200	120	10
	80	140	11
6seic (150mic)	120	120	10
	200	120	9
	80	150	10
7seic (175mic)	120	120	9
	200	120	8
	80	160	9
8seic (200mic)	120	120	8
	200	120	7
	80	170	8
10seic (250mic)	120	120	7
	200	120	6
	80	180	10
THINFLEX™	120	180	9
	200	180	8
	80	180	10
FOIL	120	180	9
	200	180	6

Before laminating, it is required to set the temperature and speed which are suitable for materials to be laminated

LIMITED ONE YEAR WARRANTY

- 1** This warranty applies to repair or replacement of product found to be defective in material or workmanship for one year from the date of the original purchase. This warranty is extended only to the original purchaser.
- 2** This warranty does not apply to damage resulting from abuse, misuse or improper maintenance or damage that is attributable to acts of God. Royal Sovereign International, Inc. (and its affiliated companies) is not liable for incidental or consequential damages of any nature. This limitation would not apply if you live in those areas that do not permit the exclusion or limitation of incidental or consequential damages.
- 3** Royal Sovereign International will repair or replace this product if it is found to be defective in material or workmanship. Defective product must be returned to Royal Sovereign International, freight prepaid, with proof of purchase **and Return Shipping & Handling payment (check or money order)**. Upon repair or replacement the product will be returned to the customer.

Return defective product to the following address with a detailed description of the problem. If possible, pack in original carton. Please prepay shipping charges.

For service or sales please contact your local Royal Sovereign office:

Royal Sovereign International
2 Volvo Drive
Rockleigh, NJ 07647
TEL: 201-750-1020
FAX: 201-750-1022
Website: www.royalsovereign.com
E-mail: info@royalsovereign.com

Royal Sovereign Germany GmbH
Friedrich Ebert Str.38, D-65824
Schwalbach, Germany
TEL: +49) 6196-776386
FAX: +49) 6196-776454
Website: www.royalsovereign.com
E-mail: info@royalsovereign.com

RS International Australia Pty Ltd
30 Prime Drive
Seven Hill, NSW 2147, Australia
TEL: +61) 2 9674 2127
FAX: +61) 2 9674 2027
Website: www.royalsovereign.com
E-mail: info@royalsovereign.com

Royal Sovereign Canada
164 Oakdale Road, Unit 164
Toronto, Ontario M3N2S5
TEL: +1) 416-741-8400
FAX: +1) 416-741-8185
Website: www.royalsovereign.com
E-mail: info@royalsovereign.com