



Owner's Manual

RSL-2700

GRAPHIC LAMINATION PRODUCTS



*Please read and retain these instructions.
To register your product, please go to www.royalsovereign.com*

www.royalsovereign.com

Royal Sovereign International Inc.

Graphic Lamination Products

Model RSL-2700

INTRODUCTION

Thank you for purchasing a Royal Sovereign RSL-2700 table top laminator. It has been designed and manufactured to provide years of continuous service. For complete operating and maintenance information please read this instruction manual thoroughly. Upon receipt of your laminator thoroughly inspect the box, machine and all other contents. It is imperative that any shipping damage is reported and a claim is filed with the delivering carrier immediately upon receipt.

CONTENTS

Introduction	2
Package Contents	4
Safety Precautions.....	4
Parts	5
Inlay Control.....	6
Loading Film	7
Threading Film	
Hot Film-Double laminating.....	8
Maintenance	9
Troubleshooting.....	9
Specifications	10
Warranty.....	11

PACKAGE CONTENTS



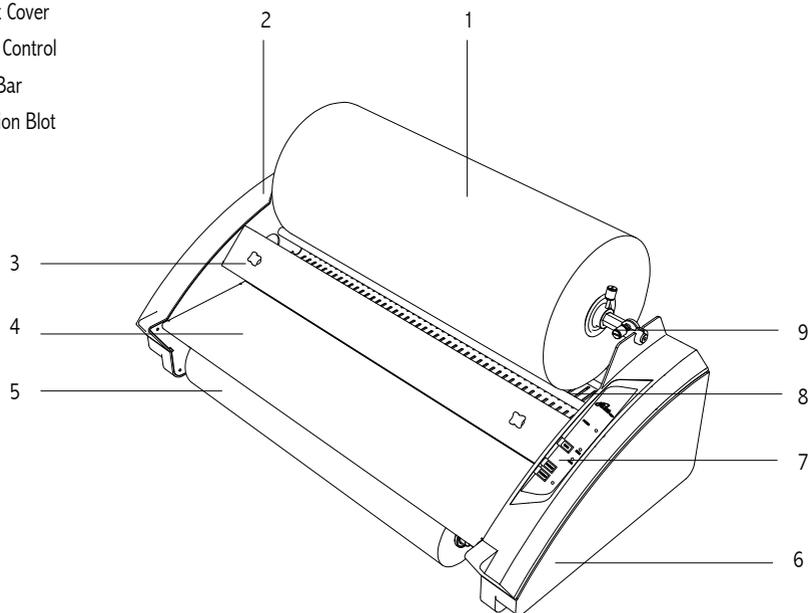
SAFETY PRECAUTIONS

Failure to comply with any of the following safety procedures could result in serious injury. Please read the instructions carefully and keep for future reference.

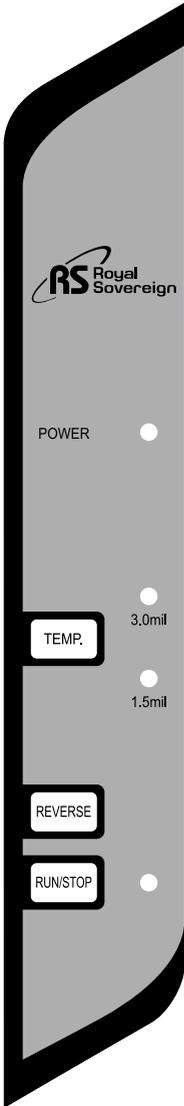
1. Only a licensed electrician should install wiring and outlet for the laminator.
2. Ensure the unit is plugged into a properly grounded outlet with the correct voltage.
3. Keep hands and clothing (i.e. Neckties) away from the roller. The rollers have pinch points that can trap body parts or clothing and cause serious injury.
4. Keep flammable and wet objects away from the machine.
5. Place machine on a level surface.
6. Avoid excessive sunlight, humidity and extreme temperatures.
7. Ensure the unit is turned off, cooled, and unplugged from the outlet prior to moving and/or repairing.
8. Keep out of reach of children.
9. Only Royal Sovereign authorized maintenance and service technicians should make repairs.
10. Do not attempt to laminate items that exceed total recommended material thickness for the unit
11. When cleaning the machine, don't use flammable sprays or materials.
12. Do not touch the rollers when they are hot or place foreign objects inside the machine.
13. Do not cover the surface of the machine until the machine has completely cooled.

PARTS

1. Upper Film
2. Left Cover
3. Safety Cover
4. Table Front
5. Lower Film
6. Right Cover
7. Inlay Control
8. Idle Bar
9. Tension Blot



CONTROL PANEL



POWER



POWER

When connected the power, the light will always be on.

TEMP.



3.0mil

TEMP.

1.5 mil : To laminate film thickness of 1.5 mil (230°F~270°F)

3.0 mil : To laminate film thickness of 3.0 mil (270°F~310°F)

* When the machine is ready, the light will be always on.
working temperature may vary depending on the film manufacturer.
If laminating comes out cloudy, then select the higher temp. setting.



1.5mil

REVERSE

REVERSE

To reverse the rollers

RUN/STOP



RUN / STOP

To start or stop rollers

Note: After ready, if no activity is made within 30min after each use, the machine will automatically switch into stand-by mode (Temperature will automatically reset to 176°F (80°C)).

LOADING FILM

< Thermal Film Loading & Threading >

Loading Film

1. Remove the upper and lower film shafts from the machine and load the films (do not tighten the core screws at this time)
2. To load the top film, insert 1" core as shown on Figure 1 (Note the direction that the film is wound)
3. Insert the shaft as shown in Figure 2.
4. Insert the core plug on the left hand side. (Figure 3)
5. Align and center the film and tighten the two core screws. (Figure 4)
6. Repeat steps 2 through 4 to load the lower film.
(Please note the direction that the film is wound for the bottom roll). (Figure 5)
7. Load the upper and lower film shafts on the machine.
* When loading 27" film on the lower, be sure to insert the film core deeply into the film roll core to provide room at each end.



Figure 1



Figure 2



Figure 3



Figure 4

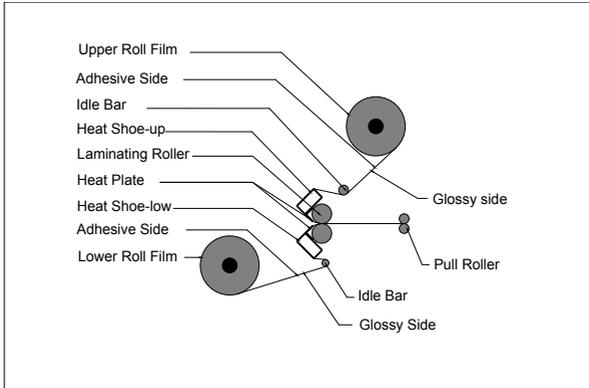


Figure 5

THREADING FILM

Hot Film-Double Laminating

Caution: Hot Shoes and Heat Plates are extremely hot. Be careful not to touch the hot shoes or heat plates while threading the film.



1. Turn the power switch on("I" position).(The power switch is located on the right-hand side of the unit)
2. Push "TEMP" button to select appropriate temperature mode.
3. Complete the steps in the "Loading Film" section.
4. Remove the Front Feed Table.
5. Pull down the upper film over the Safety cover to the lower film; align and center the lower film to the upper film and tighten the core screws.
6. Rewind the upper film until it aligns with the safety cover.
7. Take the safety cover off.
8. Then thread the lower film over the lower idle Bar until the film rests on the upper Heat shoe.(Before threading film, Confirm the lower idle bar is in the location showing in the picture 1)
9. Push the idle bar up to the place showing in the picture 2. Then Put the Front Table back on.
10. Push "RUN/STOP" button to start rollers and thread the film using the laminating Threading Card(picture 3).
11. Put the safety cover back on.



Picture 1



Picture 2



Picture 3

MAINTENANCE

1. Do not apply any cleaning fluids to the rollers, certain fluids may cause damage.
2. Do not clean rollers with sharp objects, use a rubber gum eraser to clean resin off of the rollers.
3. Use a damp cloth with only water to clean the body of the machine.
4. Store machine in a dry clean area.
5. Be careful, the safety cover may be hot.

TROUBLE SHOOTING GUIDE

Symptom	Possible Cause	Possible Solution
Rollers do not operate after the RUN/ STOP button is pressed	<ol style="list-style-type: none"> 1. Power cord is not plugged in 2. Film is too tight for motor to start 	<ol style="list-style-type: none"> 1. Check the power cord 2. Adjust film tension by rotating tension Bolt
Roller is not heating	The hot shoes have not warmed up completely yet	Call your authorized dealer
Result of lamination is waved	<ol style="list-style-type: none"> 1. Film tension is unbalanced 2. Lower idler bar is not located in proper position 	<ol style="list-style-type: none"> 1. Adjust film tension by rotating tension Bolt 2. Push idler bar up
Excessive noise while laminating	<ol style="list-style-type: none"> 1. The tension may be set too tight 2. Temperature is too hot 	<ol style="list-style-type: none"> 1. Loosen the tension bolt 2. Change the temperature setting to 1.5Mil. Otherwise consult with the customer service

SPECIFICATION

MODEL	RSL-2700
Power supply	AC120V . 220~240V , 50/60Hz
Power consumption	1450W
Max laminating width	27" (685mm)
Film thickness	38mic/1.5mil & 75mic /3.0mil
Paper thickness	80g~250g
Max laminating speed	1.4m/min
Ready time	Approx. 10min.
Heating method	Simple Hot Shoe Type
Temperature Control	2 Level
Driving motor	DC geared
Max. Film Diameter	ø265mm(up) ø120mm(low)
Speed control	Fixed
Transport type	4 Roller
Film core size	1" (2.25" & 3" option)
Cross cutter	No
Mounting thickness	0.4mm
Reverse	Yes
Unit dimensions (w × d × h)	530 × 920 × 400mm
Carton dimensions (w × d × h)	736 × 1128 × 504mm

WARRANTY

Royal Sovereign International warrants the equipment sold is free from defects in material and workmanship for a period of One (1) year for Parts and Labor from the date of installation, excluding lamination rollers which are warranted for Six (6) months. This warranty is extended only to the original purchaser. This warranty is the only warranty made by Royal Sovereign International and cannot be modified or amended. Royal Sovereign's sole and exclusive liability and the customer's sole and exclusive remedy under this warranty shall be, at Royal Sovereign's option, to repair or replace any such defective part or product. These remedies are only available if Royal Sovereign's examination of the product discloses to Royal Sovereign's satisfaction that such defects actually exist and were not caused by misuse, neglect, attempt to repair, unauthorized alternation or modification, incorrect line voltage, fire, accident, flood or other hazard.

All warranty claims must be filed through the authorized Royal Sovereign dealer or reseller through which the equipment was originally purchased. Model, serial number and date of delivery are required for all claims.

The warranty made herein is in lieu of all other warranties, expressed or implied, including any warranty or merchantability or fitness for a particular purpose. Royal Sovereign will not be liable for personal damage or personal injury (unless primarily caused by its negligence), loss of profit, or other incidental or consequential damages arising out of the use or inability to use this equipment.

LIMITED WARRANTY

This warranty specifically does not cover damage to laminating rollers caused by knives, razor blades, or any sharp objects or abrasives, or failure caused by adhesives, or damage caused by lifting, tilting or improper use of the machine. Warranty repair or replacement by Royal Sovereign or its authorized Reseller(s) does not extend the warranty beyond the initial one year period from the date of installation. Unauthorized customer alterations will void this warranty.

CORPORATE HEADQUARTERS

Royal Sovereign International Inc.

2 Volvo Drive, Rockleigh, NJ 07647 U.S.A.

TEL : +1) 800-397-1025 FAX : +1) 201-750-1022

E-mail : info@royalsovereign.com

RS EUROPE LIMITED.

66 SALISBURY ROAD, WORCESTER PARK,

SURREY KT4 7DE UK

TEL: +44) 2082243633

E-mail : rseu@royalsovereign.com

RS Canada Inc.

5610 Timberlea Blvd, Mississauga Ontario L4W 4M6 CANADA

TEL : +1) 905-461-1095 FAX : +1) 905-461-1096

TF : +1) 866 961-6673

E-mail : info-ca@royalsovereign.com

RS International Australia PTY. LTD.

30 Prime Drive, Seven Hills, NSW 2147, Australia

TEL : +61) 2-9674-2127

FAX : +61) 2-9674-2027

E-mail : salesaust@royalsovereign.com