
TL-600

6 Roller Heavy Duty Pouch Laminator



Operation Manual

**Make sure to read this manual before using the machine.
Store this manual safely for future reference.**

1. Specifications

Model	TL-600
Max. Laminating Width	13" (330mm)
Max. Laminating Thickness	1.5mm
Max. Pouch Thickness	14mil (350mic)
Laminating Speed	19"-78"/min
Operating Temp	176°F -302°F
Heating System	4 Heated Rollers
Qty of Roller	6
Roller Diameter	30mm
Preheating Time	4mins
Auto Sleep Mode	Yes
Machine Body	Metal
Power Supply	AC110,120, 220, 240V/50,60Hz
Power Consumption	1050W
Dimensions	21.25"W x 10.5"D x 5"H
Weight	33.95 lbs

2. Electrical Safeguards



- 1) Do not operate with a damaged power supply cord or plug, after a malfunction, or after it has been damaged in any manner.
- 2) Unplug the pouch laminator before moving it, or when it is not in use for an extended period of time.
- 3) Do not overload electrical outlets beyond their capacity as this can result in fire or electrical shock.
- 4) The pouch laminator must be connected to a supply voltage corresponding to the electrical rating of the machine as indicated.
- 5) Do not alter attached plug. The plug is configured for the appropriate electrical supply.
- 6) Keep hands dry while operating the machine.
- 7) The machine is intended for indoor use only.

3. Safety Precaution



- 1) Use/store the laminator in a clean and dry environment, and keep away from flammable/combustible

items.

- 2) Do not allow neckties, scarves, or other objects near the machine, as they could get caught by the rollers and be pulled inside, causing serious personal injury.
- 3) Ensure your electrical source is properly grounded for safety.
- 4) Do not open the cover (or back) without an authorized technician.
- 5) Use a soft cloth with alcohol to clean rollers. Do not use lubricants, thinners, or rough surfaces to rub the rollers.
- 6) Connect the machine to the nearest power outlet that is easily accessible. Disconnect the plug from both the machine and power outlet when moving the machine.

4. Laminating Precautions



- 1) Insert pouches with the sealed side first
- 2) Only use standard film sizes
- 3) Do not use film that has been cut
- 4) Please follow the recommended heat & speed settings
- 5) Hot Surface: Do not touch the base underneath the machine

5. Characteristics

- 1) 12-BIT micro process control system
- 2) Recommended temperature and speed guide labeled on the front of the machine
- 3) Digital display screen for temperature and speed
- 4) 30mm diameter silicone rollers
- 5) High-quality AC speed motor to ensure longer lifespan of the machine
- 6) Auto Sleep Mode to save energy

6. Lamination Guide (labeled on machine)

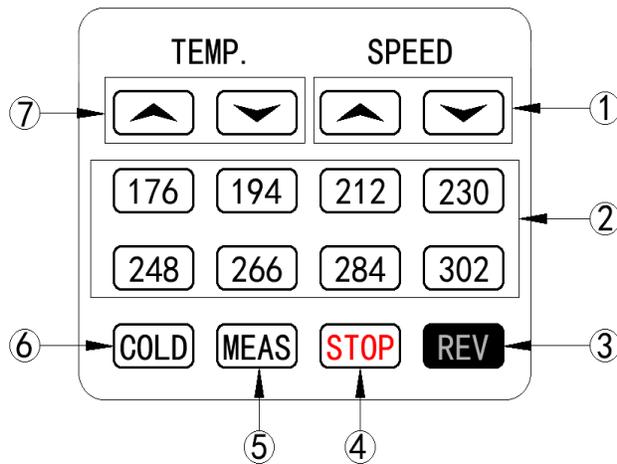
Temperature and Speed Settings				
POUCH THICKNESS	SUGGESTED TEMP °F	TEMP RANGE °F	SUGGESTED SPEED	SPEED RANGE
3mil	194	176-194	3	1-5
5mil	230	212-230	4	1-6
7mil	266	248-266	3	1-6
10mil	302	284-302	3	2-6

Lamination not clear: Increase temperature or decrease speed.
Lamination warped: Decrease temperature or increase speed.

*If using a carrier, increased temperature will be required.

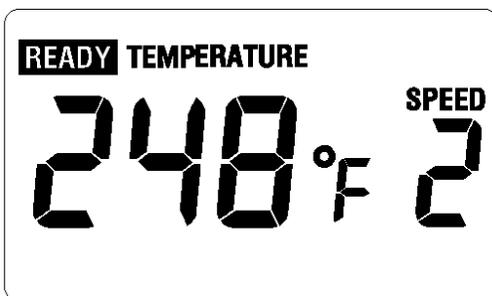
*All settings are suggested. Temperature & speed adjustments may be required for different paper thicknesses, pouches, or carriers.

7. Description of Control Panel



1. speed adjustment	6. cold lamination/sleep mode function
2. pre-set temperature selection	7. temperature adjustment
3. reverse	
4. stop motor	
5. measure current temperature	

Temperature and Speed indication window



8. How to Use

1) Hot Lamination

- a. Turn on the Power Switch located on the rear of the machine
- b. Use the temperature guide on the front of the machine to select the recommended temperature & speed based on the thickness of your pouch. The display screen will read 'Ready' when the temperature is reached.
- c. Insert laminating pouch with the sealed edge first. If not satisfied with laminating result, adjust the speed and temperature to achieve the desired result.

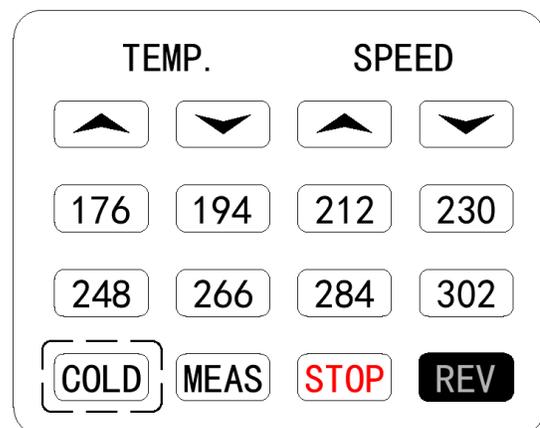
Notes: Always insert the laminating pouch into the center of the machine with the sealed edge first to avoid jams and creases.

2) Cold Lamination

- a. Turn on the Power Switch located on the rear of the machine. The temperature for cold laminations should remain at the default 32°F.
- b. Adjust the speed according to the recommendation for your cold laminating pouch.

Note: If you shift to cold lamination from hot lamination, please wait approximately 20 to 30mins for the temperature to cool down below 140°F before starting cold lamination.

Turn off the machine: Press the COLD button to begin cool down. Periodically hold the MEAS button to ensure current temperature of machine reaches 140°F or below before turning off the Power Switch.



9. Auto Sleep Mode

- 1) Set to Auto Sleep: Hold the COLD button for 5 seconds until the control panel reads SLP. The motor and cooling fans will keep running until the machine reaches below 140°F before automatically entering sleep mode.
- 2) The machine will automatically enter into Sleep Mode after 2 hours of no operation. The control panel will read SLP and the motor and cooling fans will keep running until the machine reaches below 140°F before entering Sleep Mode.
- 3) Turn on from Sleep Mode: Press the COLD button and the control panel will turn on.



Do not turn off the Power Switch before cooling down the machine. Following instructions will increase the longevity of rollers and machine.

10. Trouble Shooting Guide

Problem	Cause	Solution
Machine has no power or rollers are not rolling	-Power cord is not properly plugged in -Power switch is off	-Check that the power cord is properly plugged in -Check that the power switch is turned on or contact support
Excessive noise	-Operation of gears is not smooth	-Turn off the machine, and contact support
Bad lamination	-Laminated document is wrinkled, damp, or folded	Adjust temperature lower or higher and/ or adjust speed
No increase of temperature	-Check the power plug	-Check that the power plug and switch is turned on or contact support
Frequent curling of film	-The temperature may be too hot	-Lower the temperature
Edge of document is not sealed	-Document is too thick to seal the edges of the film	-Use a thinner document or leave more space around the edges(approx. 5mm)
Emergency state	-Something may be stuck between the heated rollers or they are out of position	-Turn off the switch and contact support.

11. After Sales Service Information

www.LaminationDepot.com

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Irvine, CA 92606-4843

Contact us at 800-925-0054
service@laminationdepot.com

WARRANTY

Lamination Depot warrants the TL-600 against any defects for 12 months from the date of original purchase. Warranty does not cover normal wear and tear, nor damage caused by operator error or misuse. Should any defect appear within 12 month warranty from date of purchase we will gladly repair or replace the machine. To start a warranty claim within 12 months from date of purchase please contact our customer service team by calling (800) 925-0054 or by email service@laminationdepot.com.

To process your warranty claim, the machine must be returned in its complete original packaging to avoid incidental damages in transit by the carrier of your choice. Lamination Depot does not cover shipping costs for claims nor is responsible for any damages caused by the carrier.

Upon evaluation of the machine and determination of the actual defect, the machine will be restored to its original factory specifications and will be shipped back to you free of charge using the carrier of our choice. If the machine cannot be restored, a replacement will be provided.

This warranty covers all defects incurred in the normal use of the equipment except in the following cases:

- Damage to the equipment due to improper operation, abuse, mishandling or failure to follow the operating instructions.
- Removal or alteration of the serial number.
- Service or modification done by anyone other than a certified technician authorized by Lamination Depot.

This warranty is valid only within the United States or its provinces/territories and Canada.
