

662

Step-Saver[™]

User's Guide

15336600A
(10/97).00

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Publication Revision History

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Part Number	Date	Revisions
15336600A	10/97	Deleted information w/ Rams 662-0213, -0311,-0312,-0313. Illustrations were drawn for better clarity.

INTRODUCTION

This publication is provided solely as a guide for individuals who have received Technical Training in servicing the Mettler Toledo product.

Information regarding Mettler Toledo Technical Training may be obtained by writing, calling, or faxing to:

METTLER TOLEDO

1150 Dearborn Drive

Worthington, Ohio 43085-6712

ph: (614) 438-4400

fax: (614) 438-4444

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CHANGES WITHOUT NOTICE.**

PRECAUTIONS

Read the following instructions carefully before installing, operating, cleaning, or maintaining your new Step-Saver. Save these instructions for future reference.

Contact your supplier of heat sealable wrapping films to verify that the films you are using with heated belt sealers do not release toxic fumes at temperatures below 700°F.

Operate wrapping and sealing equipment only in a well ventilated area.

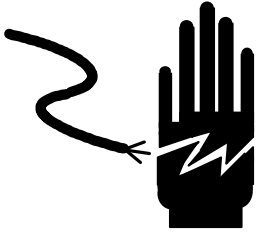

Do not allow untrained personnel to install, operate, clean, inspect, or maintain this machine.

Be sure Step-Saver is connected to a properly grounded outlet of the correct voltage and amperage, as specified on the identification plate. Do not remove ground prong from PLUG.

ALWAYS disconnect Step-Saver from the power source before threading film, cleaning, maintaining, or inspecting.



Keep hands and loose clothing away from hot surfaces such as Low Temperature Cutoff Rod and Sealing Plate while operating, cleaning, maintaining, or inspecting.

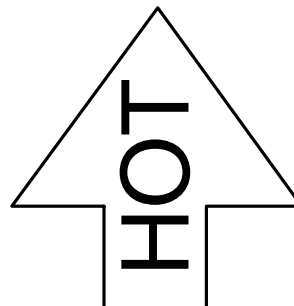
CALL METTLER TOLEDO for parts, information, and service.

	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE SERVICING. <small>P/N 81921300A</small>

 CAUTION
SURFACES MAY BE HOT EVEN THOUGH POWER SWITCH IS IN THE "OFF" POSITION

 CAUTION
50 LB MAXIMUM LOAD LOADS IN EXCESS OF 50 LB COULD RESULT IN IMPROPER MACHINE OPERATION OR DAMAGE

 CAUTION		— HOT — DO NOT TOUCH HEATING ELEMENTS <small>P/N 12021200A</small>
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P/N 81876200A

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1

Film Loading and Threading

Model 662-0200

Capacity: 2 rolls of film

Load two rolls of film onto the arborless film cradles. Any size film width from 12" to 20" may be used on the Model 662 Step-Savers. It is recommended that the smaller roll of film be placed on the bottom cradle.

Before placing the roll of film on its cradle, orient the Film Roll so that the end of the film will hang down between the cradle rollers, and the film will dispense from the top of the roll towards the front of the Step-Saver. (Refer to the Film Threading Diagram, Figure 1-a).

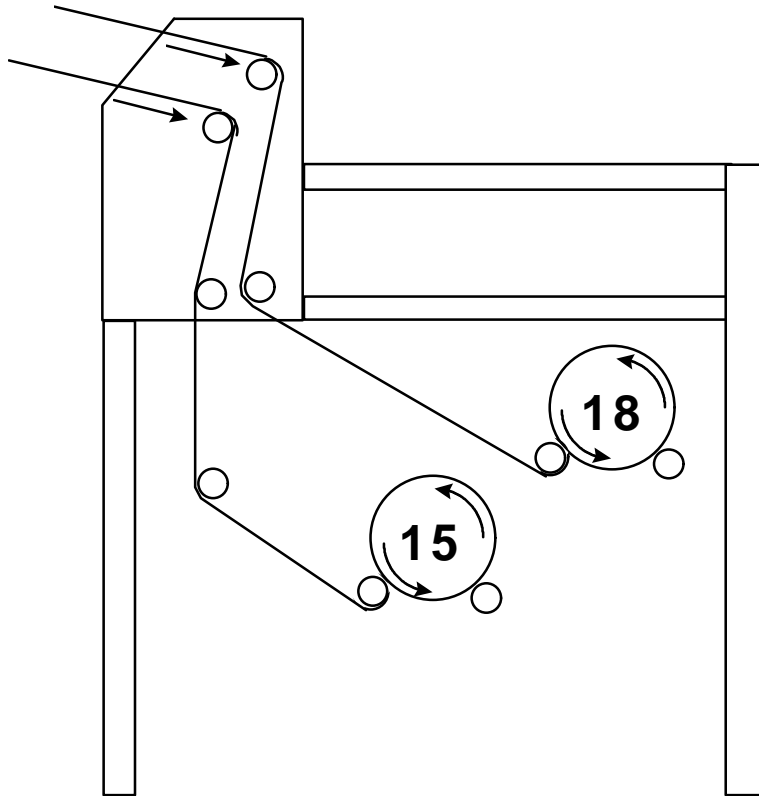


Figure 1-a: Film Threading Diagram - 2 Rolls of Film

Center the film rolls on their respective rollers. Position the Film Roll Retaining Grommets approximately 1/4" away from the ends of each film roll. (Refer to Figure 1-b).

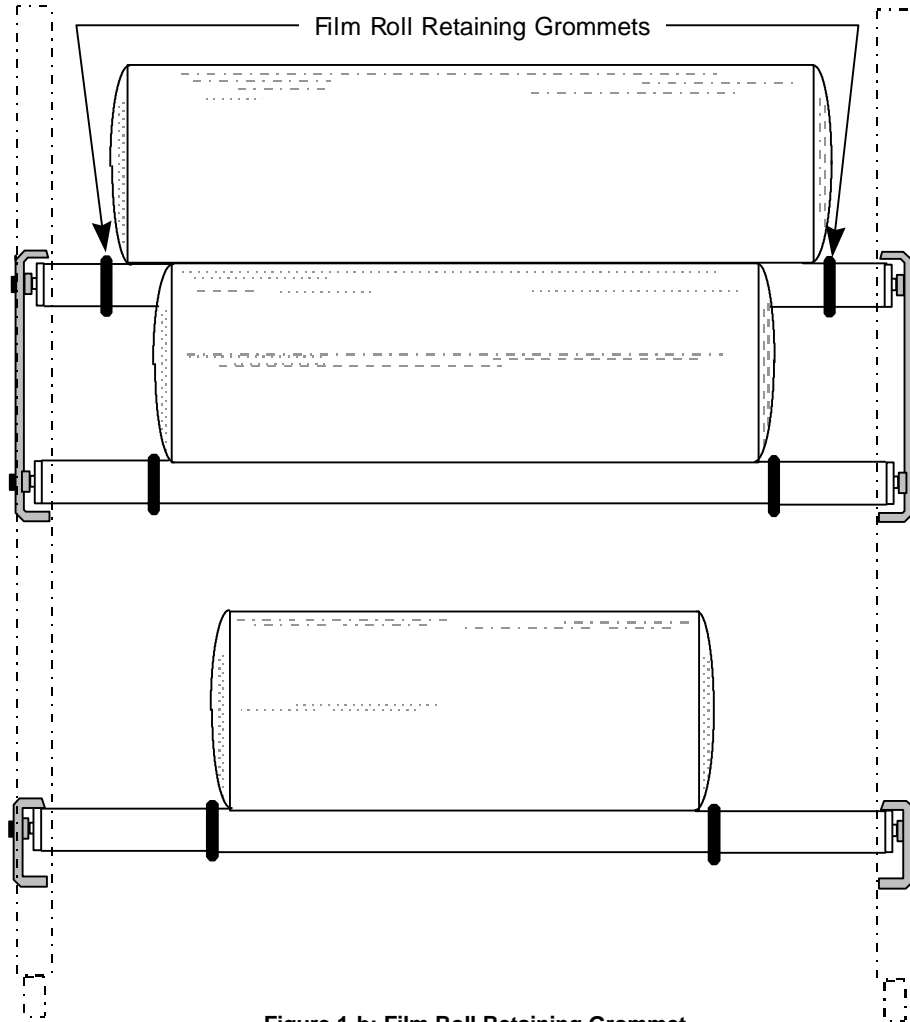


Figure 1-b: Film Roll Retaining Grommet

Thread the film through the film rollers and into the Film Selector as shown in the Film Threading Diagram (Figure 1-a).

Tear or cut the end of the film straight across, and fold the end of the film neatly over the Film Leaf. (Figure 1-c).

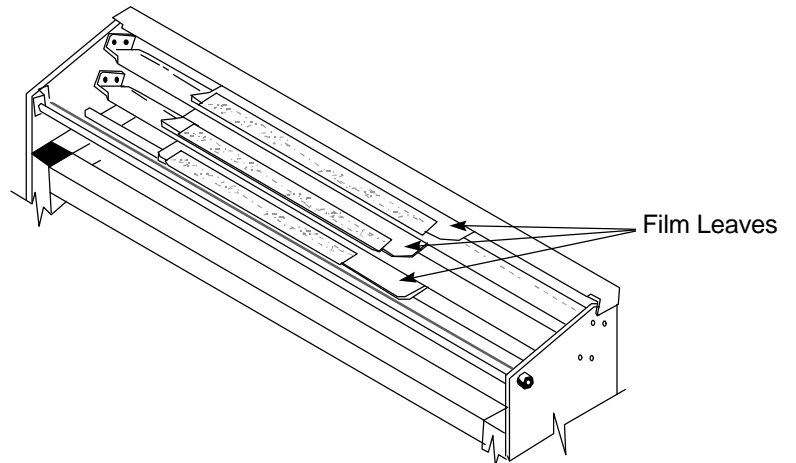


Figure 1-c: Film Leaf

Model 662-0300 Capacity: 3 rolls of film

Load three rolls of film onto the arborless film cradles. Any size film width from 12" to 20" may be used on the Model 662 Step-Savers. It is recommended that the small roll of film be placed on the bottom cradle, the medium roll on the middle cradle, and the large roll on the top cradle.

Before placing the roll of film on its cradle, orient the Film Roll so that the end of the film will hang down between the cradle rollers, and the film will dispense from the top of the roll towards the front of the Step-Saver. (Refer to the Film Threading Diagram, Figure 1-d)

Center the film rolls on their respective rollers. Position the Film Roll Retaining

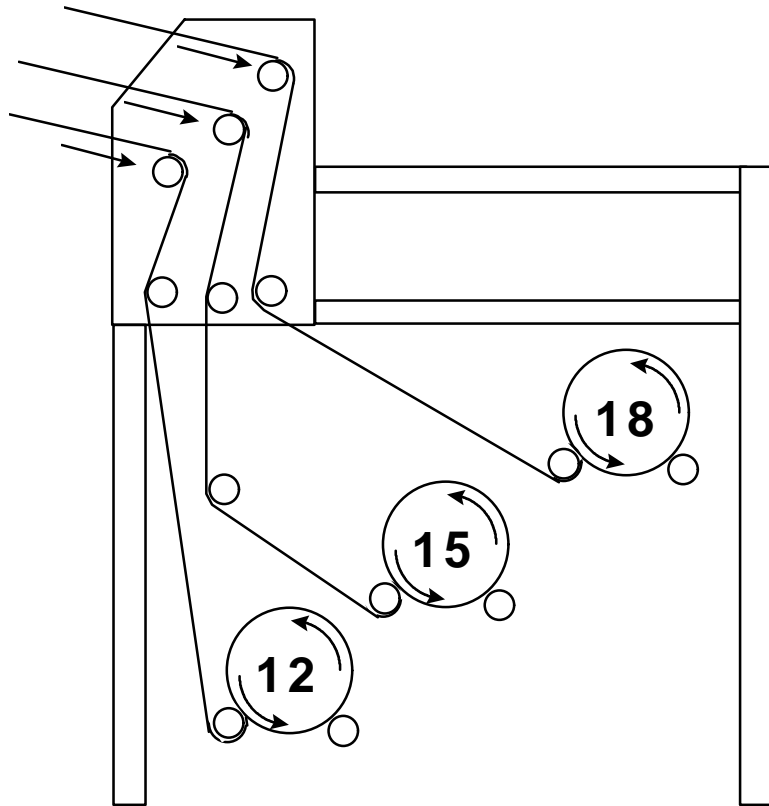


Figure 1-d: Film Threading Diagram - 3 Rolls of Film

Grommets approximately 1/4" away from the ends of the film roll. (Refer to Figure 1-b)

Thread the film through the film rollers and into the Film Selector as shown in the Film Threading Diagram. (Figure 1-d)

Tear or cut the film straight across, and fold the end of the film neatly over the Film Leaf. (Figure 1-c)

Adjusting Film Tension

The film tension should be adjusted to suit your wrapping comfort. It should be loose enough so that the film pulls easily from the roll, yet tight enough to stretch the film as you pull it, to allow you to produce a tight, wrinkle-free package. To provide better control of film tension, this machine is equipped with a dual braking system for each film roll. A Film Brake is located at each end of the front Film Support Roller of each roll of film. The film tension is adjusted by loosening or tightening the Film Roller Brakes. To increase the film tension, turn the Film Roller Brake Adjusting Screw clockwise. To decrease the film tension, turn the Film Roller Brake Adjusting Screw counterclockwise.

For uniform pull on the film, both brakes on a Film Support Roller must be set for equal tension. Before installing a roll of film, loosen each brake so the roller turns freely. Then tighten each adjusting screw until the brake is lightly snugged against the roller. After the roll is mounted, adjust the tension, as desired, by turning both adjusting screws in 1/4 turn increments.

Film Roller Brake Adjusting Screws

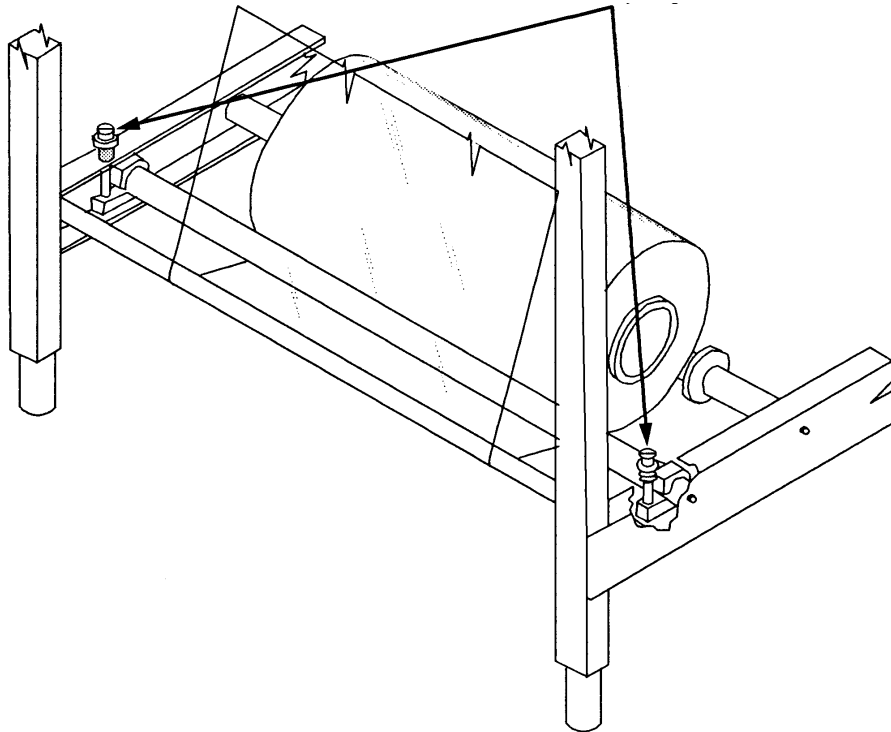


Figure 1-e: Film Roller Brake Adjusting Screws

2

Operator Controls

Power Switch

The Power Switch is located in the control box that is fastened to the right front leg of the Step

Saver. (Refer to Figure 1-a) The switch controls power to the Low Temperature Cutoff Rod and the

Sealing Plate. The temperature of the Cutoff Rod is thermostatically controlled, has been set at the

factory, and is not adjustable by the operator or the Service Technician.

Pilot Light

The Pilot Light is located on the upper part of the Power Switch. (Figure 2-a)

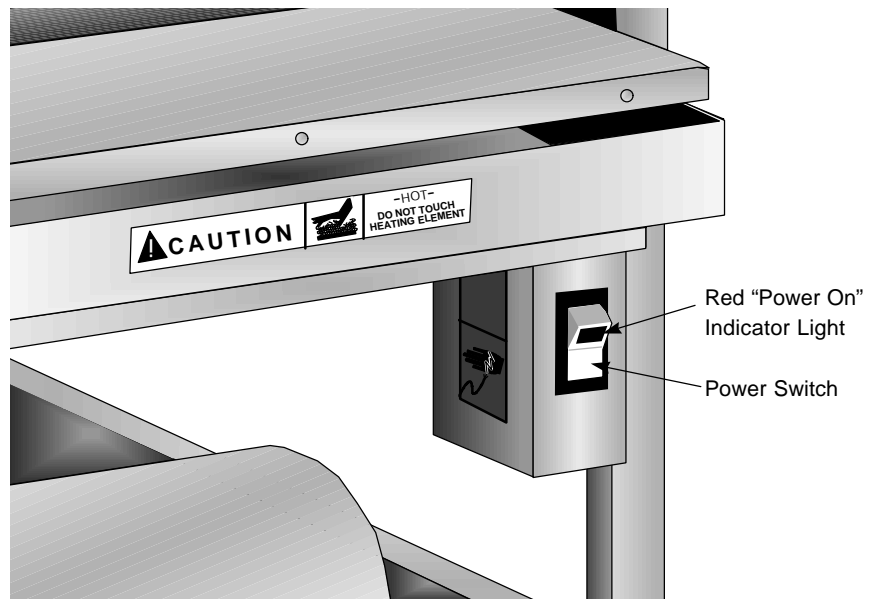


Figure 2-a: Power Switch Indicator

Sealing Plate Thermostat

Note: Never set the thermostat higher than necessary to get a good seal, or the film on the bottom of the package may burn.

The Sealing Plate Thermostat is located on the underside of the Sealing Plate. (Figure 2-b) To change the temperature of the Sealing Plate, turn the thermostat shaft with a screwdriver. To raise the temperature, turn the shaft clockwise. To lower the temperature, turn the shaft counterclockwise.

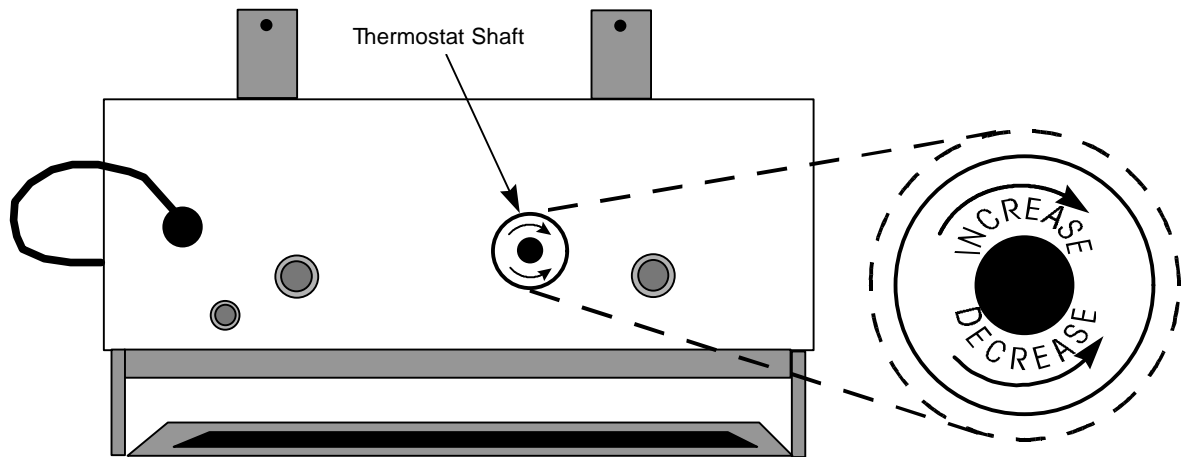


Figure 2-b: Sealing Plate Thermostat

3

Note: The Sealing Plate thermostat has been set at the factory to provide a good package seal for standard PVC stretch films, at normal backroom operating temperatures. If you are not getting a good seal, or, if the film burns, the Sealing Plate thermostat may need adjustment.

Operating Instructions

1. Turn Power Switch on. Pilot Light should be on.
2. Allow 15 minutes for the Low Temperature Cutoff Rod and the Sealing Plate to reach operating temperature.
3. Place the platter of trayed items to be wrapped on the side Platter Shelf.
4. Enter the PLU Number or the Item Number on the Scale Controller. (For detailed instructions on how to enter PLU Number or Item Number, and how to terminate a run of packages of the same item, please refer to the operating Instructions for the specific Controller you are using.)
5. Place the tray to be wrapped on the Scale Platter. (When you remove your hands from the tray, the scale will settle and a label will be printed on the Label Printer.)
6. If the correct film width is on the black Film Retaining Tube, wrap the package, place it on the Sealing Plate to seal it and proceed to step 9.
7. To change to a different film width, lift the end of the film from the black Film Retaining Tube, and drape it back over its Film Leaf. (Refer to Figure 1-c)
8. Lift the end of the film to be used from its Film Leaf and begin wrapping.
9. Take the label from the printer. (Figure 3-a)



Figure 3-a: 317 Printer with Label

Apply the label to the package. (Figure 3-b)

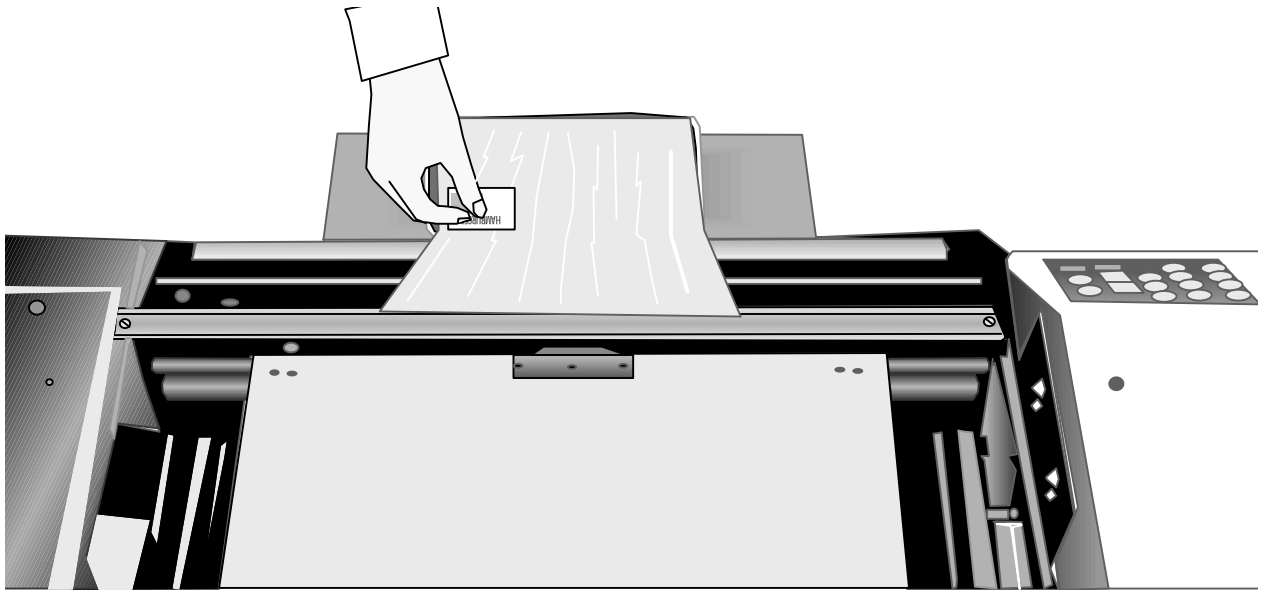


Figure 3-b: Applying Label to package

Remove the package from the Sealing Plate.

4

Hand Wrapping Instructions

Place the tray to be wrapped on the Scale Platter.

Grasp the corners of the film between the thumbs and forefingers, with the rest of the fingers pointing downward. (Figure 4-a)

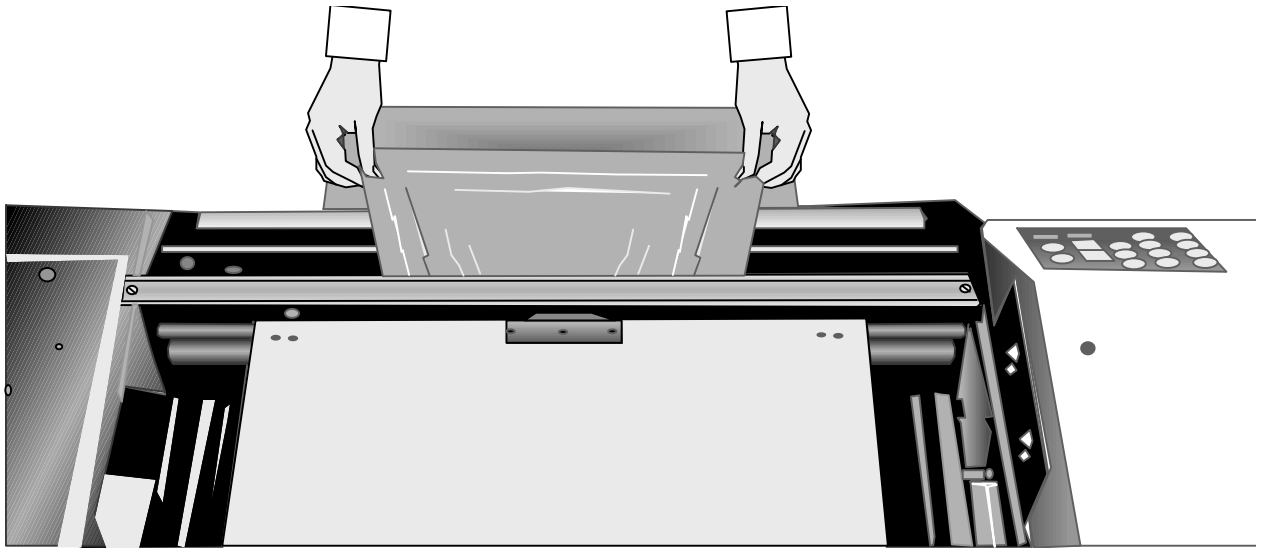


Figure 4-a: Grasp the Film Corners

Pull the film towards you until enough film is pulled to cover the entire top of the package and approximately two inches of the bottom.

Roll your hands around until the palms are facing you and the film is on the back of the hands. (Figure 4-b)

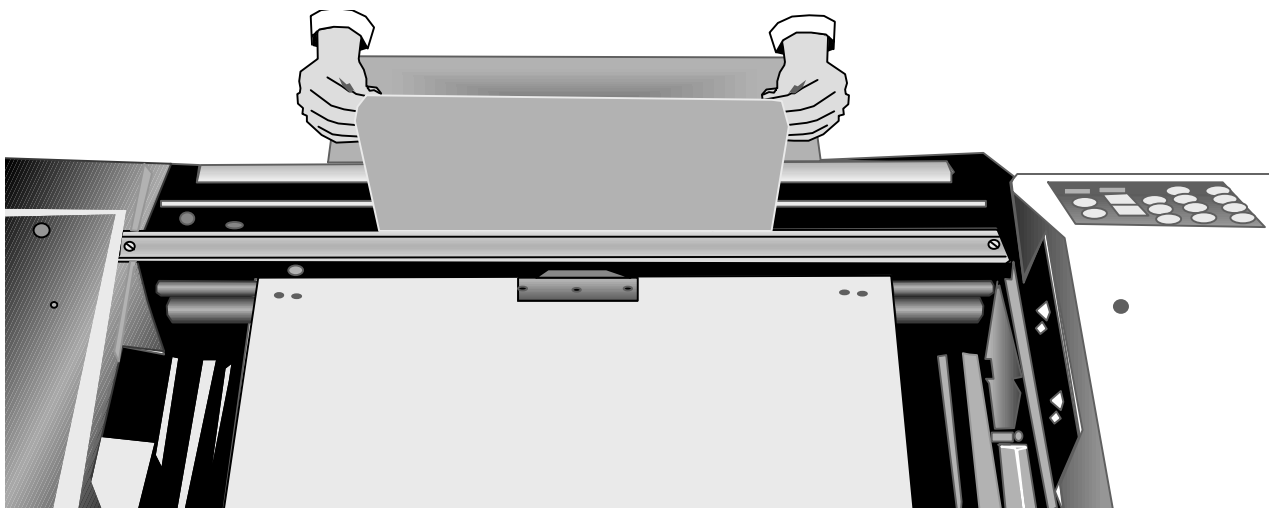


Figure 4-b: Pulling Film for Packaging

Extend the hands and film over the package until the back of the package is reached, then slide the film and fingers under the package, moving the thumbs to the top of the package. (Figure 4-c)

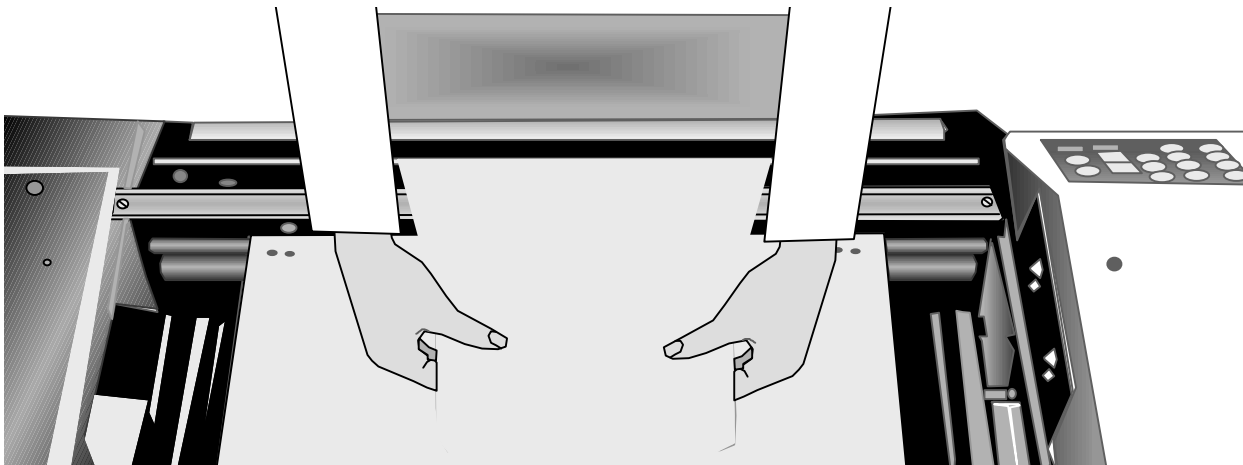


Figure 4-c: Extending Hands over Package Wrap

Grasp the package between the thumbs and fingers. Pull the package and film towards you until the back edge of the package is even with the black Film Retaining Tube. (Figure 4-d)

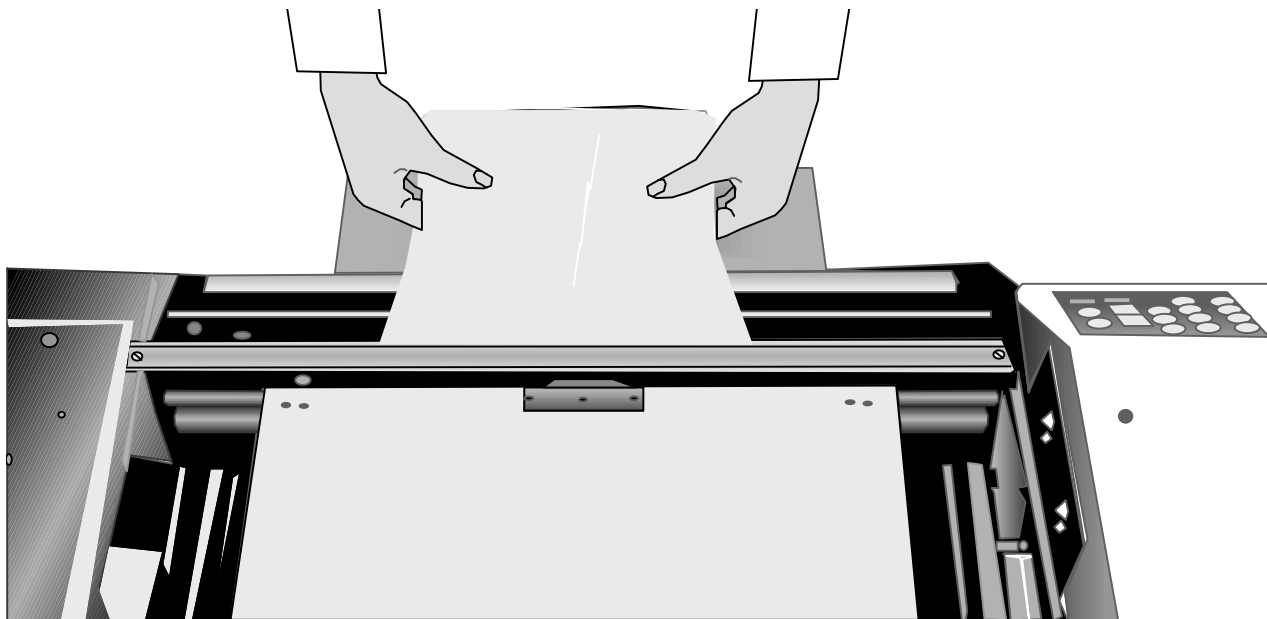


Figure 4-d: Pulling the Package

Move the package downward and towards you until the back edge of the package is clear of the Cutoff Rod. Move the thumbs and fingers from the package to the side edges of the film.

Continue the downward motion, while stretching the film, until the film is cut.
(Figure 4-e)

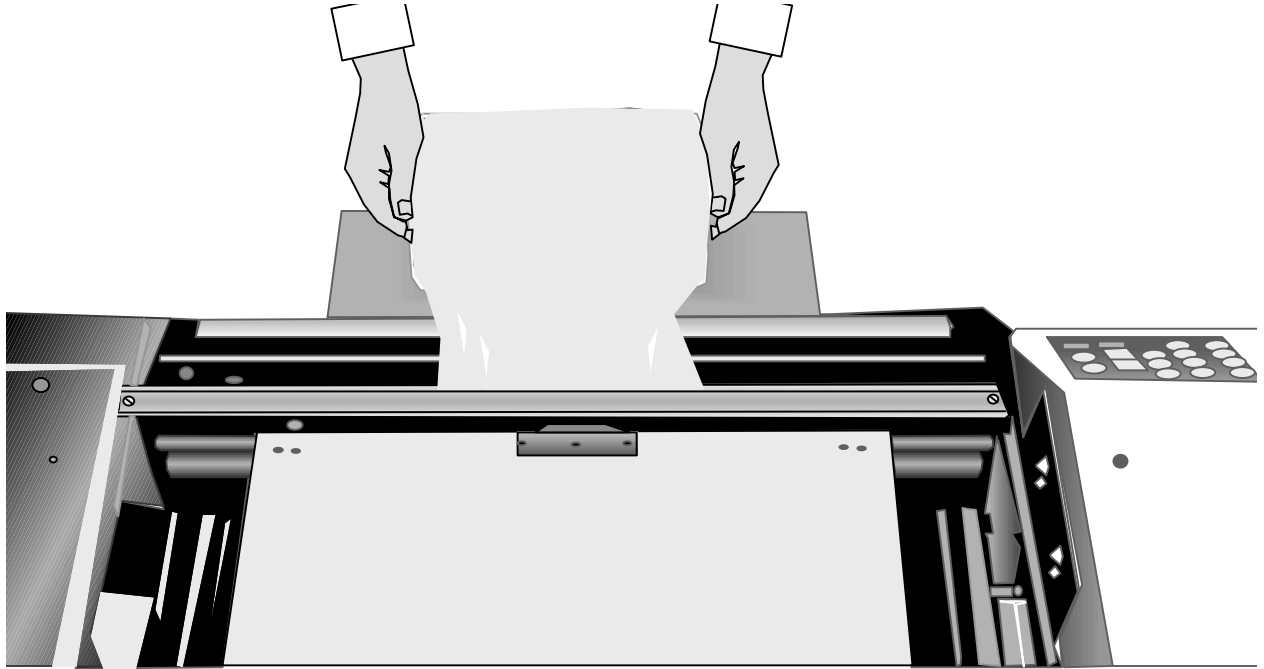



Figure 4-e: Seal and Cut

Stretch the film tightly, using the thumbs and fingers. Then fold the ends of the film neatly under the package and press the package onto the Sealing Plate to seal it.

5

Cleaning and Maintenance

	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE CLEANING, MAINTAINING, OR INSPECTING.

	 WARNING
	DO NOT SPRAY WASHDOWN. HAZARD OF ELECTRICAL SHOCK OR BURNS.

 WARNING
DO NOT USE SOLVENTS, CHEMICALS, OR ABRASIVES ON MACHINE, AS THESE MAY HARM SURFACES.

Cutoff Rod

Disconnect from power supply and allow to cool down before cleaning.
Clean daily, using a dampened scouring pad. Do not use abrasives, such as emery cloth or sand paper.

Teflon Cover on Sealing Plate

Disconnect from power supply and allow unit to cool down before cleaning.
Clean daily using a clean, damp cloth and a mild detergent.

 CAUTION
SURFACES MAY BE HOT EVEN THOUGH POWER SWITCH IS IN THE "OFF" POSITION.

Scale Platter and Platter Shelves

Clean daily, using a clean, damp cloth and a mild detergent.

Film Support Rollers

When replacing a roll of film, the Film Support Rollers and the Film Guide Rollers should be cleaned to remove any particles or burrs that could puncture the film. Clean the rollers with a clean, damp cloth and mild detergent.

6

Before Calling for Service, Check the Following

1. Is the Step-Saver connected to properly grounded outlet of the correct voltage and amperage?
2. Are the circuit breakers in the building service panel in the "ON" position.
3. Is the Power Switch in the "ON" position.
4. Is the Cutoff Rod clean?
5. Is the film loaded and threaded properly?
6. Are the Film Roller Brakes adjusted properly?
7. Is the Teflon Sealing Plate Cover in place and clean?
8. Are the Film Support Rollers clean and free of burrs?

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Publication Part Number: 15336600A Publication Date: 10/97

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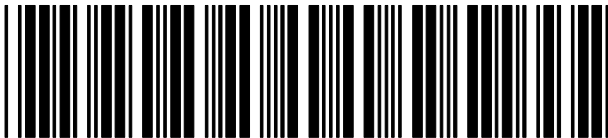
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