

662

Step-Saver™


Service Manual

©Mettler-Toledo, Inc. 2000

No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the express written permission of Mettler-Toledo, Inc.

U.S. Government Restricted Rights: This documentation is furnished with Restricted Rights.

Customer Feedback



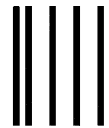
METTLER TOLEDO

Part / Product Name:	
Part / Model Number:	Date:
Provided By:	
Customer Name:	
Address:	
Phone Number:	Fax Number:

[illegible][illegible]

METTLER TOLEDO® is a registered trademark of Mettler-Toledo, Inc.
©2000 Mettler-Toledo, Inc.
Printed in USA

FOLD THIS FLAP FIRST



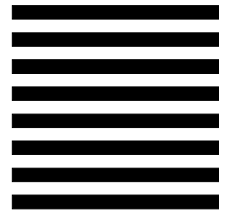
NO POSTAGE
NECESSARY IF
MAILED IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 414 COLUMBUS, OH

POSTAGE WILL BE PAID BY ADDRESSEE

Mettler-Toledo, Inc.
Retail Quality Manager - MTWR
P.O. Box 1705
Columbus, OH 43216
USA



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, Inc.

1900 Polaris Parkway
Columbus, Ohio 43240

www.mt.com

**METTLER TOLEDO RESERVES THE RIGHT TO MAKE REFINEMENTS OR
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.

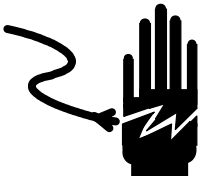

Do not allow untrained personnel to install, operate, clean, inspect, or maintain this machine.

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.

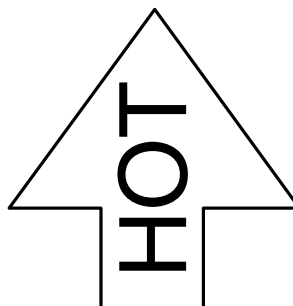
	<div>WARNING</div> <div>DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.</div>
---	---

	<div>CAUTION</div> <div>SURFACES MAY BE HOT EVEN THOUGH POWER SWITCH IS IN THE "OFF" POSITION.</div>
---	---

	<div>CAUTION</div> <div>OPERATE THIS EQUIPMENT ONLY IN A WELL VENTILATED AREA. VERIFY THE FILM IS INTENDED FOR LOW TEMP ROD CUTOFF AND HOT SEALING PLATES AND DOES NOT RELEASE TOXIC FUMES.</div>
--	--

<div>CAUTION</div> <div>50 LB MAXIMUM LOAD LOADS IN EXCESS OF 50 LB COULD RESULT IN IMPROPER MACHINE OPERATION OR DAMAGE</div>	
--	--

<div>CAUTION</div>		<div>— HOT — DO NOT TOUCH HEATING ELEMENTS P/N 12021200A</div>
--	---	---



P/N 81876200A

CONTENTS

1 General Description.....	1-1
2 Specifications	2-1
Agency Approval	2-1
Environmental Requirements.....	2-1
Power Requirements	2-1
Film Capacity.....	2-1
3 Safety and Precautions	3-1
4 Setup	4-1
5 Film Loading and Threading	5-1
Model 662-0200.....	5-1
Capacity: 2 rolls of film	5-1
Model 662-0300 Capacity: 3 rolls of film.....	5-3
Adjusting Film Tension.....	5-4
6 Operator Controls.....	6-1
Power Switch and "Power On" Indicator	6-1
Low Temp Cutoff Rod	6-1
Sealing Plate Thermostat.....	6-2
7 Operating Instructions	7-1
General Operation	7-1
Hand Wrapping Instructions	7-3
8 Cleaning and Maintenance	8-1
General Precautions	8-1
Cutoff Rod.....	8-1
Teflon Cover on Sealing Plate	8-2
Scale Platter and Platter Shelves	8-2
Film Support Rollers.....	8-2
Troubleshooting	8-2
9 Replacement Parts	9-1
Roller and Brake Assemblies.....	9-1
Parts List for Roller and Brake Assemblies	9-2
Low Temp Cutoff Rod and Control Box	9-3
Parts List for Low Temp Cutoff Rod and Control Box	9-4
Frame Assembly.....	9-5

Parts List For Frame	9-6
Sealing Plate	9-7
Parts List for Sealing Plate	9-8

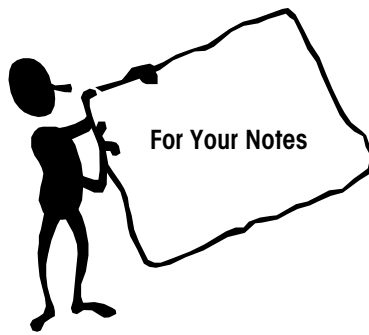
10 Accessories	10-1
Scale Platform Positions.....	10-1
8 Inch Extension Conveyor 0925-0385.....	10-1
Printer Shelf for 317 0925-0352	10-2
Center Shelf for Model 8305/8450/8460/8461 0925-0353	10-2
Swivel Shelf for Model 355 0925-0388	10-3
Post W/Tilt for Model 8360/8361 0925-0345.....	10-3
Shelf For Model 8305/8422/8423 0925-0354	10-4
Swivel Shelf For Model 8450/8460/8461 0925-0322.....	10-4
Platter Shelf 0925-0137	10-5
Label Rack 0925-0094 and Label Rack Support 0925-0160	10-5
Model 8270 Platter W/O Rollers 0925-0348	10-6
Model 8270 Platter W/Rollers 0925-0383.....	10-6
Commodity Rack 0925-0404	10-7
11 Wiring Diagram.....	11-1

1

General Description

The Mettler Toledo Model 662 Step-Saver Wrap Station is designed to increase wrapping and weighing production by integrating the scale into the wrap station as one unit. Features include a low temp film cutoff rod, flip away film selectors, arborless film supports and Teflon covered sealing plate. Various shelves and brackets are available for custom configurations.

The model 662 Step-Saver is designed in two versions. The 662-0200 will accept two rolls of film from 12" to 20" wide. The 662-0300 will accept three rolls of film from 12" to 20" wide.



2

Specifications

Agency Approval

UL and CSA approved.

Environmental Requirements

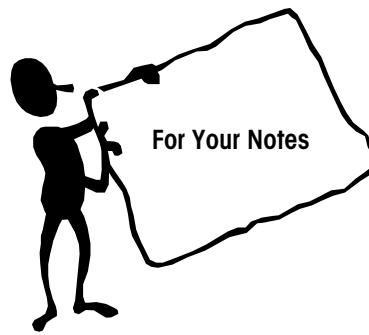
The Model 662 Step-Saver operating range is between +5° to +35°C (+41° to +95°F) at 10% to 95% relative humidity, non-condensing. The shipping and storage temperature range is between 0°C to +66°C (+32°F to +150°F) at 10% to 95% relative humidity, non-condensing. The Model 662 is designed for use in prepackaging backroom environments. The Model 662 is not intended for wash-down operation, nor for operation in environments of extreme dust, heat, cold, or humidity. No NEMA rating applies.

Power Requirements

The Model 662 Step-Saver requires 115 VAC, 60 Hz., single phase, power at 6 amps nominal to operate. The circuit must be well regulated, transient free, dedicated, and properly grounded.

Film Capacity

The 662-0200 Step-Saver will accept 2 rolls of film up to 20" wide.
The 662-0300 Step-Saver will accept 3 rolls of film up to 20" wide.




3

Safety and Precautions

Before cleaning or servicing this unit, disconnect AC power by turning the power switch off, then unplugging the AC line cord from the outlet. Failure to observe these precautions could result in bodily harm.

	<div data-bbox="982 493 1047 556"></div> <div data-bbox="1071 504 1291 556">WARNING</div> <div data-bbox="852 588 1421 703">DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.</div>
---	--

Do not allow untrained personnel to operate, clean, inspect, maintain, service, or tamper with this equipment.



	<div data-bbox="982 850 1047 913"></div> <div data-bbox="1071 861 1291 913">WARNING</div> <div data-bbox="852 945 1421 1102">ONLY PERMIT QUALIFIED PERSONNEL TO SERVICE THIS EQUIPMENT. EXERCISE CARE WHEN MAKING CHECKS, TESTS AND ADJUSTMENTS THAT MUST BE MADE WITH POWER ON. FAILING TO OBSERVE THESE PRECAUTIONS CAN RESULT IN BODILY HARM.</div>
--	--

Caution, Low Temp Cutoff Rod and Sealing Plate surfaces may be hot even though power switch is in the off position.

	<div data-bbox="982 1249 1047 1312"></div> <div data-bbox="1071 1260 1291 1312">WARNING</div> <div data-bbox="852 1333 1421 1407">Surface may be hot. Allow Surface to cool before cleaning or servicing.</div>
---	---

Always replace labels that are damaged, illegible or missing.

Contact your film supplier to verify that the film you are using is intended for use with a low temp rod cutoff and hot sealing plates and does not release toxic fumes. Operate this equipment only in a well ventilated area.

	 CAUTION
	OPERATE THIS EQUIPMENT ONLY IN A WELL VENTILATED AREA. VERIFY THE FILM IS INTENDED FOR LOW TEMP ROD CUTOFF AND HOT SEALING PLATES AND DOES NOT RELEASE TOXIC FUMES.

4

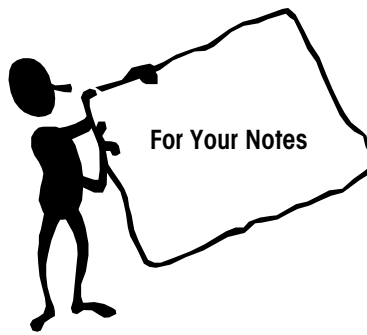
Setup

Contact your film supplier to verify that the film you are using is intended for use with a low temp rod cutoff and hot sealing plates and does not release toxic fumes.

Operate this equipment only in a well ventilated area..

A duplex outlet is provided on the back of the Model 662 for supplying power to the scale controller and printer.

See the Accessories pages in Chapter10 of this manual for attachment information.



5

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-Saver. 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 5-1).

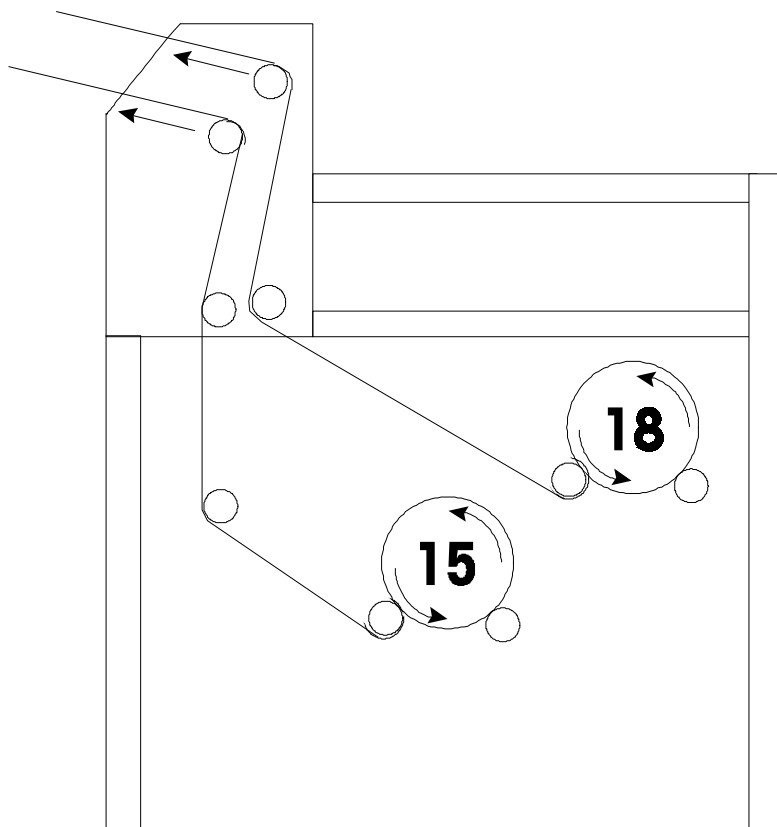


Figure 5-1: Film Threading Diagram - 2 Rolls of Film

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 5-2).

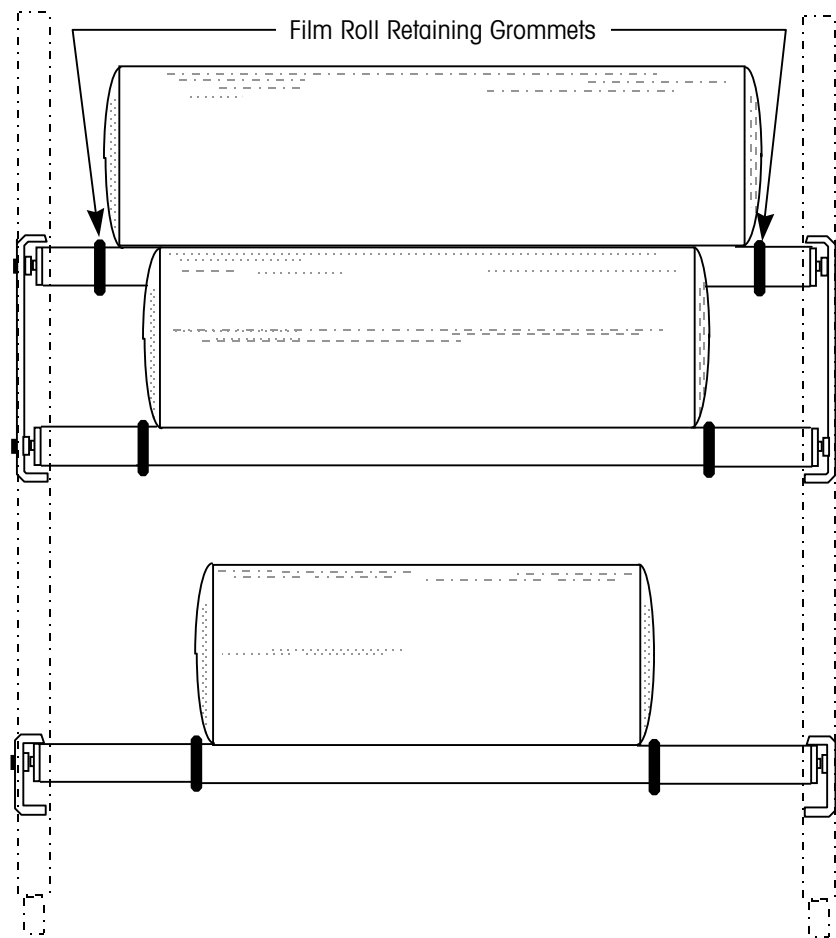


Figure 5-2: Film Roll Retaining Grommet

Thread the film through the film rollers and into the Film Selector as shown in the Film Threading Diagram (Figure 5-1).

Tear or cut the end of the film straight across, and fold the end of the film neatly over the Film Leaf. (Figure 5-3).

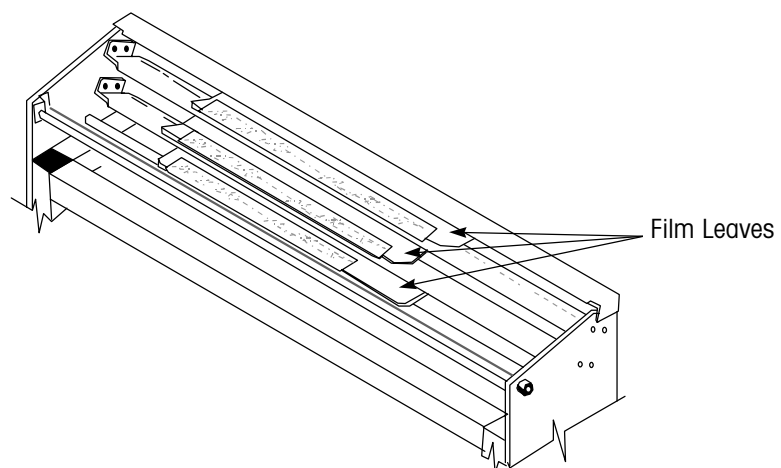


Figure 5-3: Film Leaf

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-Saver. 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 Model 662 Step-Saver. (Refer to the Film Threading Diagram, Figure 5-4)

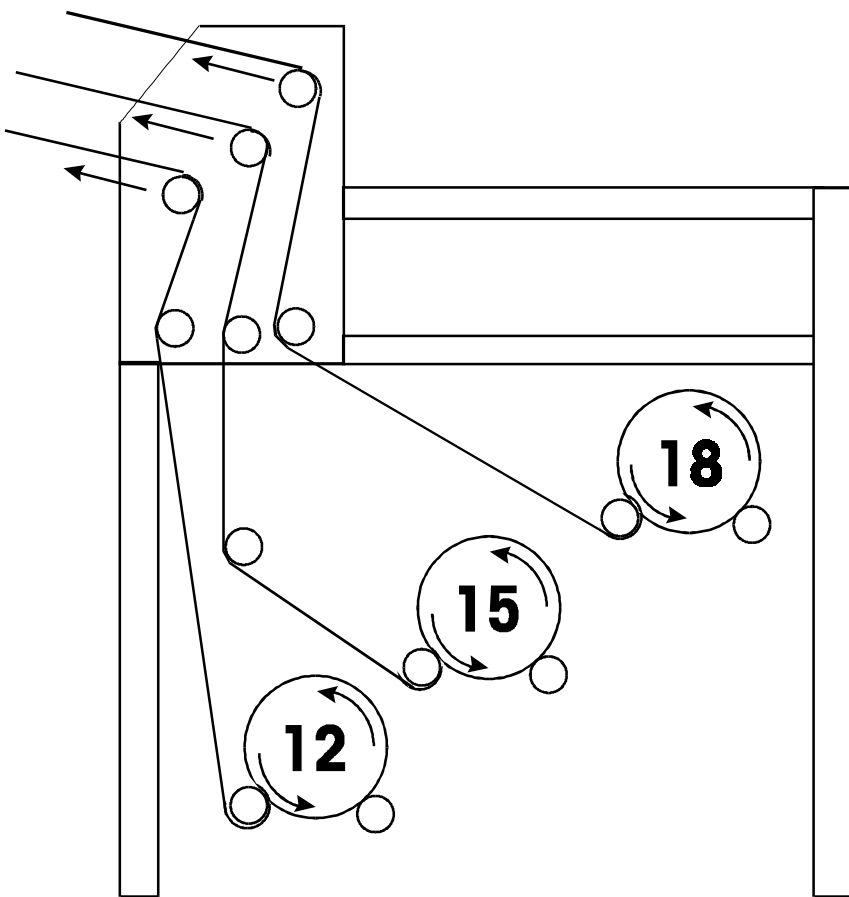


Figure 5-4: Film Threading Diagram - 3 Rolls of Film

Center the film rolls on their respective rollers. Position the Film Roll Retaining Grommets approximately 1/4" away from the ends of the film roll. (Refer to Figure 5-2)

Thread the film through the film rollers and into the Film Selector as shown in the Film Threading Diagram. (Figure 5-4)

Tear or cut the film straight across, and fold the end of the film neatly over the Film Leaf. (Figure 5-3)

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.

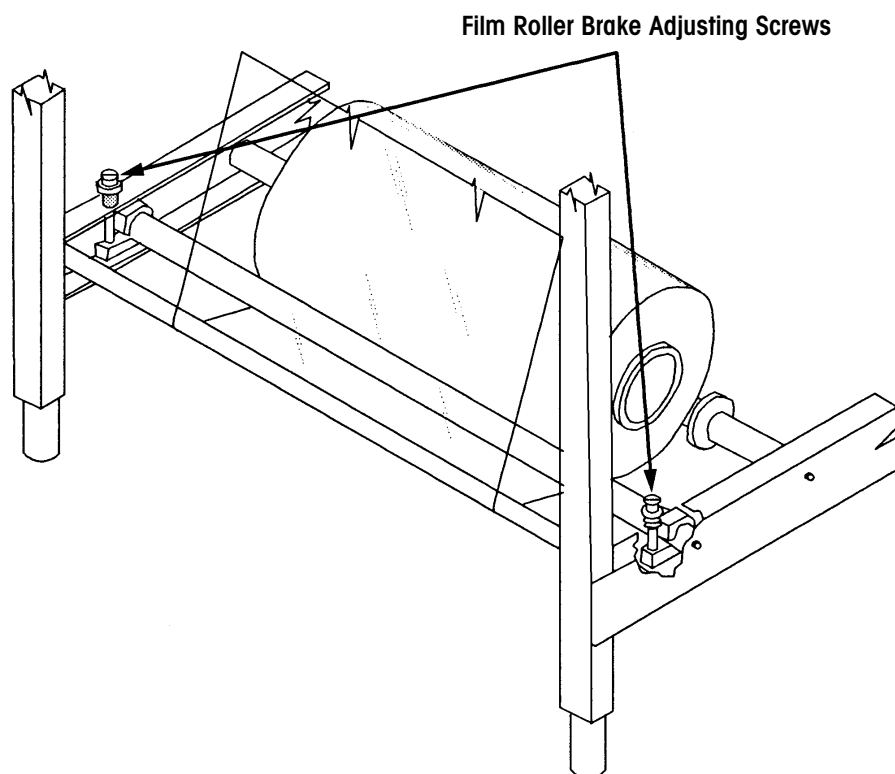


Figure 5-5: Film Roller Brake Adjusting Screws

6

Operator Controls

Power Switch and "Power On" Indicator

The Power Switch is located in the control box that is fastened to the right front leg of the Model 662. (Refer to Figure 6-1) The switch controls power to the Low Temperature Cutoff Rod and the Sealing Plate.

The "Power On" Indicator light is located on the upper part of the Power Switch. (Figure 6-1)

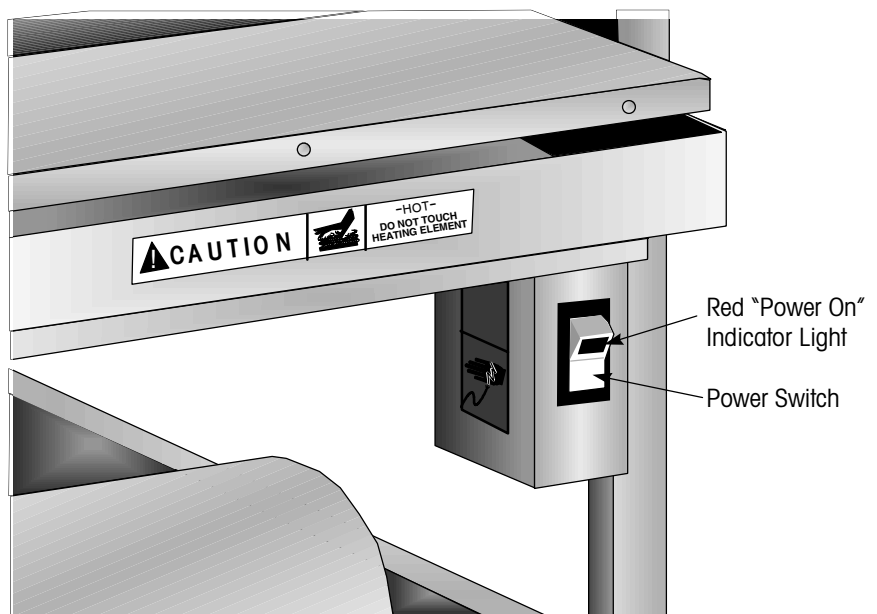


Figure 6-1: Power Switch and "Power On" Indicator

Low Temp Cutoff Rod

The temperature of the Cutoff Rod is thermostatically controlled. The temperature is set at the factory and is not adjustable. Allow 15 minutes when first turning the power on for the Low Temp Cutoff Rod to reach operating temperature.

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 set for a temperature of 350°F at the factory. The Sealing Plate Thermostat is located on the underside of the Sealing Plate. (Figure 6-2) 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. After adjusting the thermostat, it will take approximately 15 minutes for the temperature to adjust to the new setting.

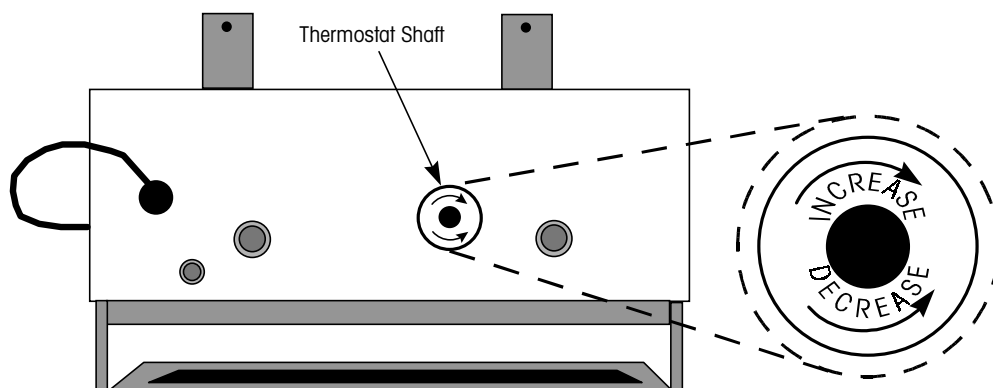


Figure 6-2: Sealing Plate Thermostat

7

Operating Instructions

General Operation

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.

1. Turn Power Switch on. The "Power On" Indicator 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, then 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 5-3)
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 7-1)

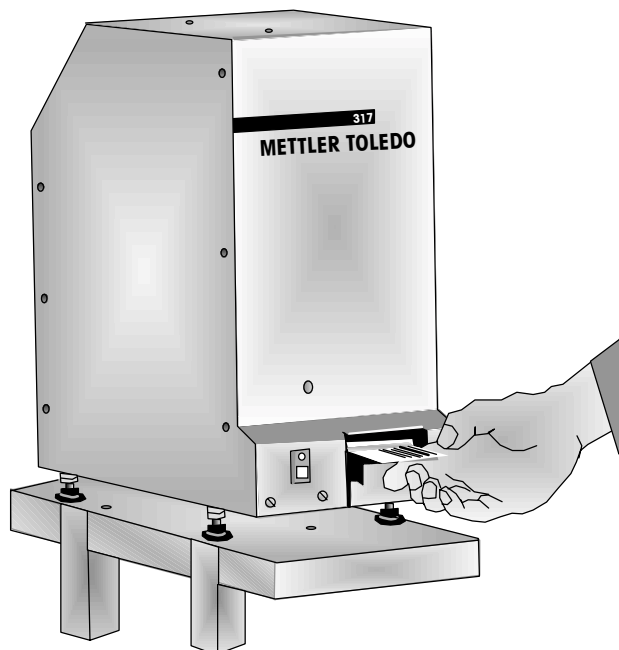


Figure 7-1: 317 Printer with Label

10. Apply the label to the package. (Figure 7-2)
11. Remove the package from the Sealing Plate.

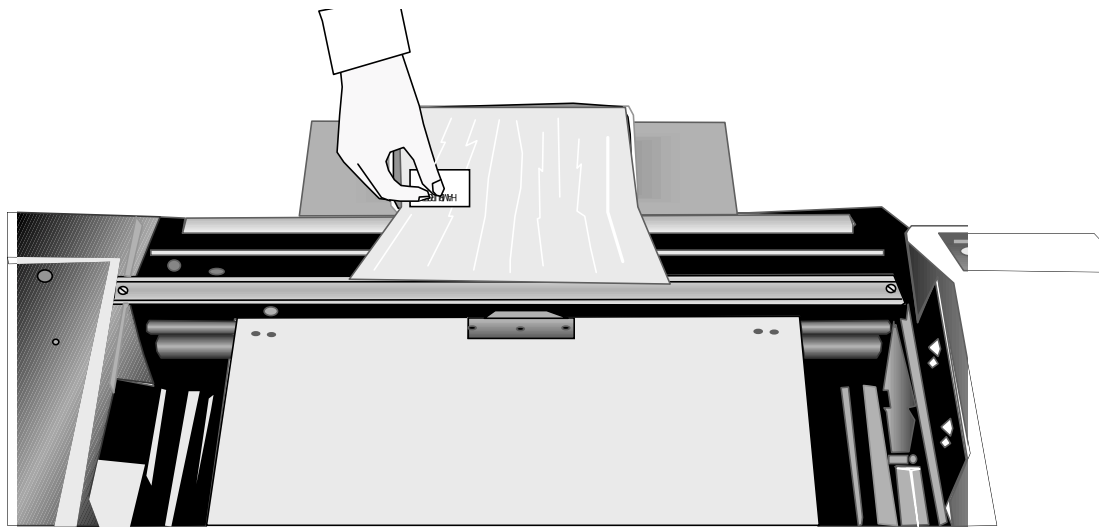


Figure 7-2: Applying Label to package

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 7-3)

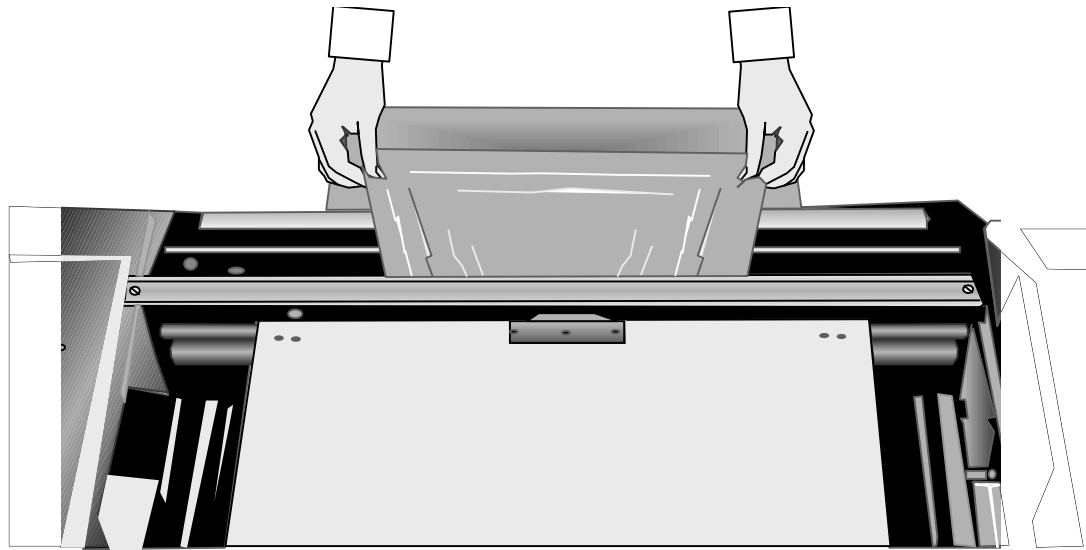


Figure 7-3: Grasp the Film Corners

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 7-4)

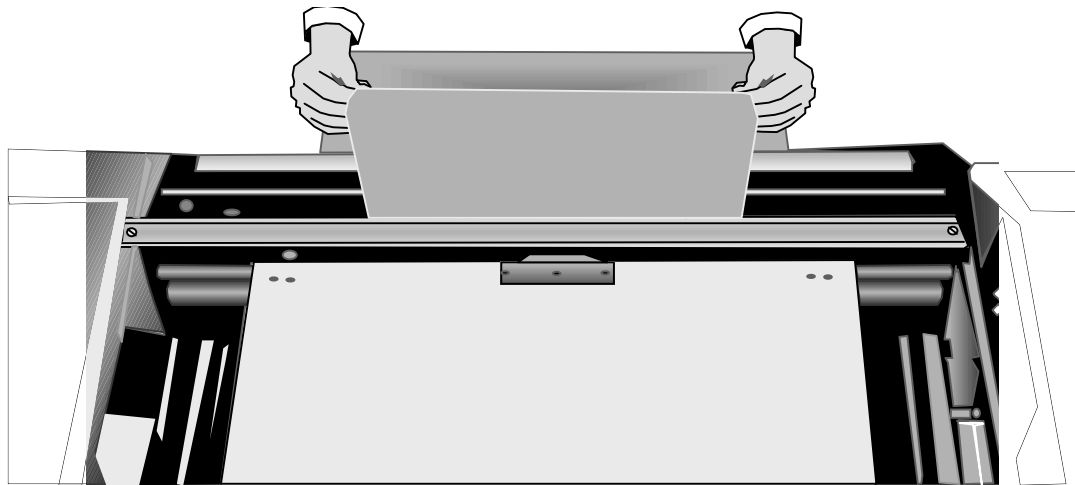


Figure 7-4: Pulling Film for Packaging

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 7-5)

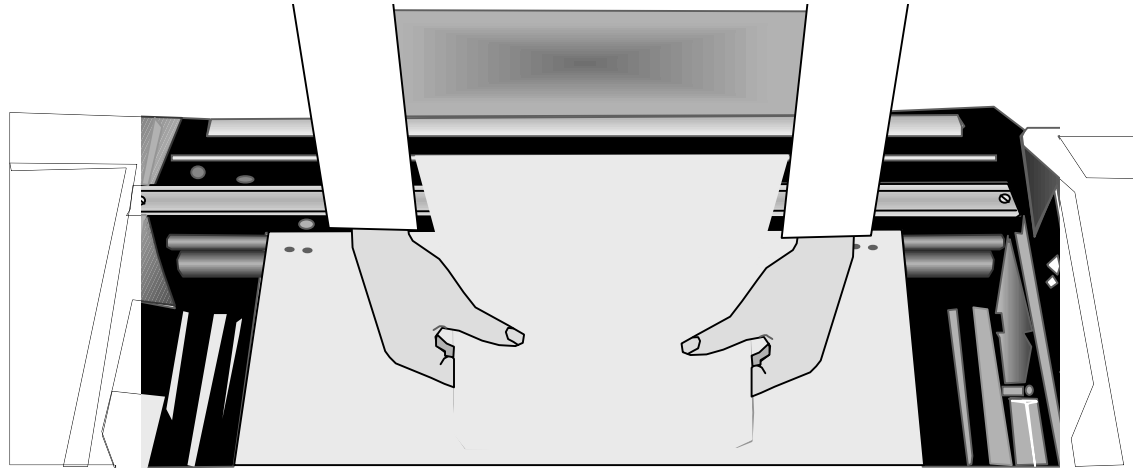


Figure 7-5: Extending Hands over Package Wrap

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 7-6)

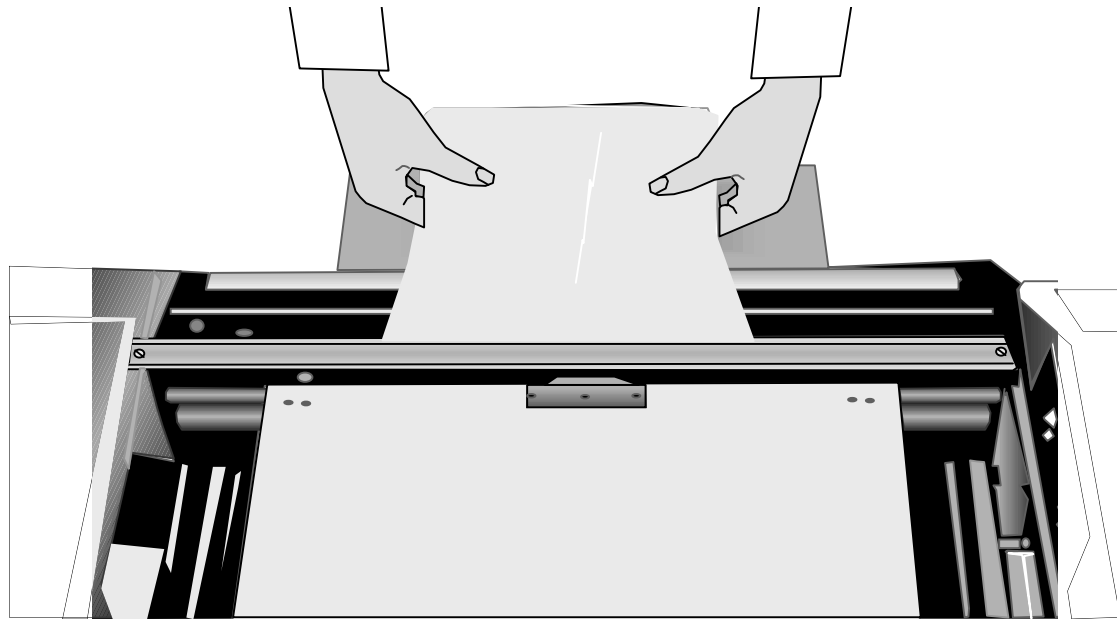


Figure 7-6: Pulling the Package

Chapter 7: Operating Instructions

Hand Wrapping Instructions

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 7-7)

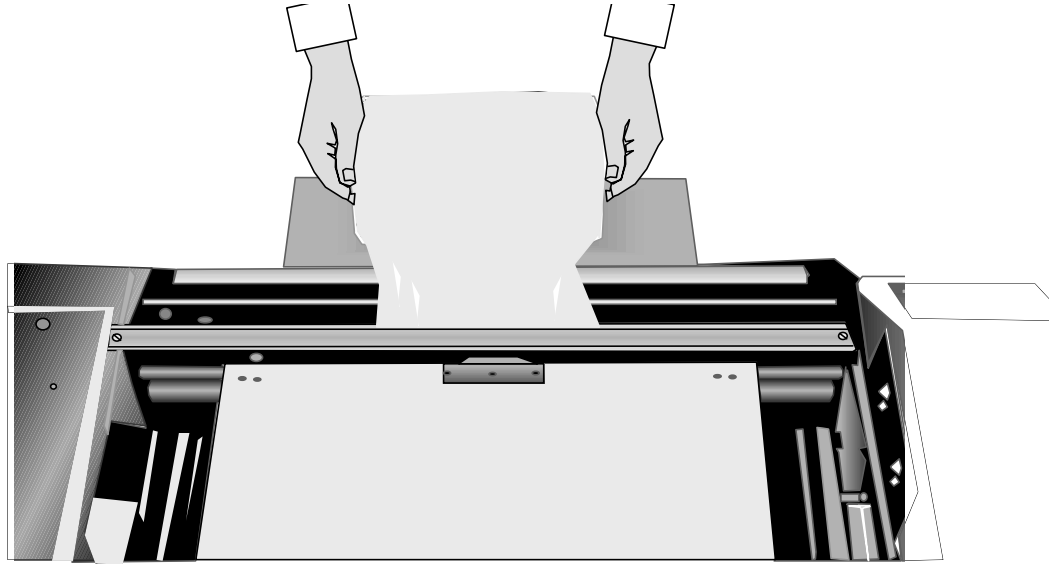
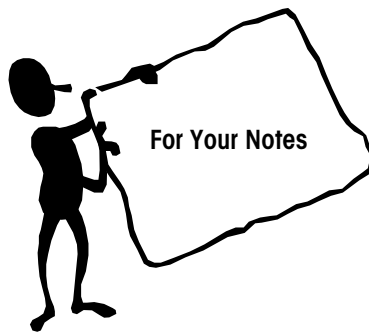


Figure 7-7: Seal and Cut

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.



8

Cleaning and Maintenance

General Precautions

	<p> WARNING</p> <p>DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.</p>
	<p> WARNING</p> <p>DO NOT SPRAY OR WASHDOWN. HAZARD OF ELECTRICAL SHOCK OR BURNS.</p>
<p> WARNING</p> <p>DO NOT USE SOLVENTS, CHEMICALS, OR ABRASIVES ON MACHINE, AS THESE MAY HARM SURFACES.</p>	

Cutoff Rod

	<p> CAUTION</p> <p>SURFACES MAY BE HOT EVEN THOUGH POWER SWITCH IS IN THE "OFF" POSITION.</p>
---	--

- Turn power off, then disconnect the power cord from the outlet.
- 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



- Turn power off, then disconnect the power cord from the outlet.
- Allow to cool down before cleaning.
- Clean daily using a clean, damp cloth and a mild detergent.

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.

Troubleshooting

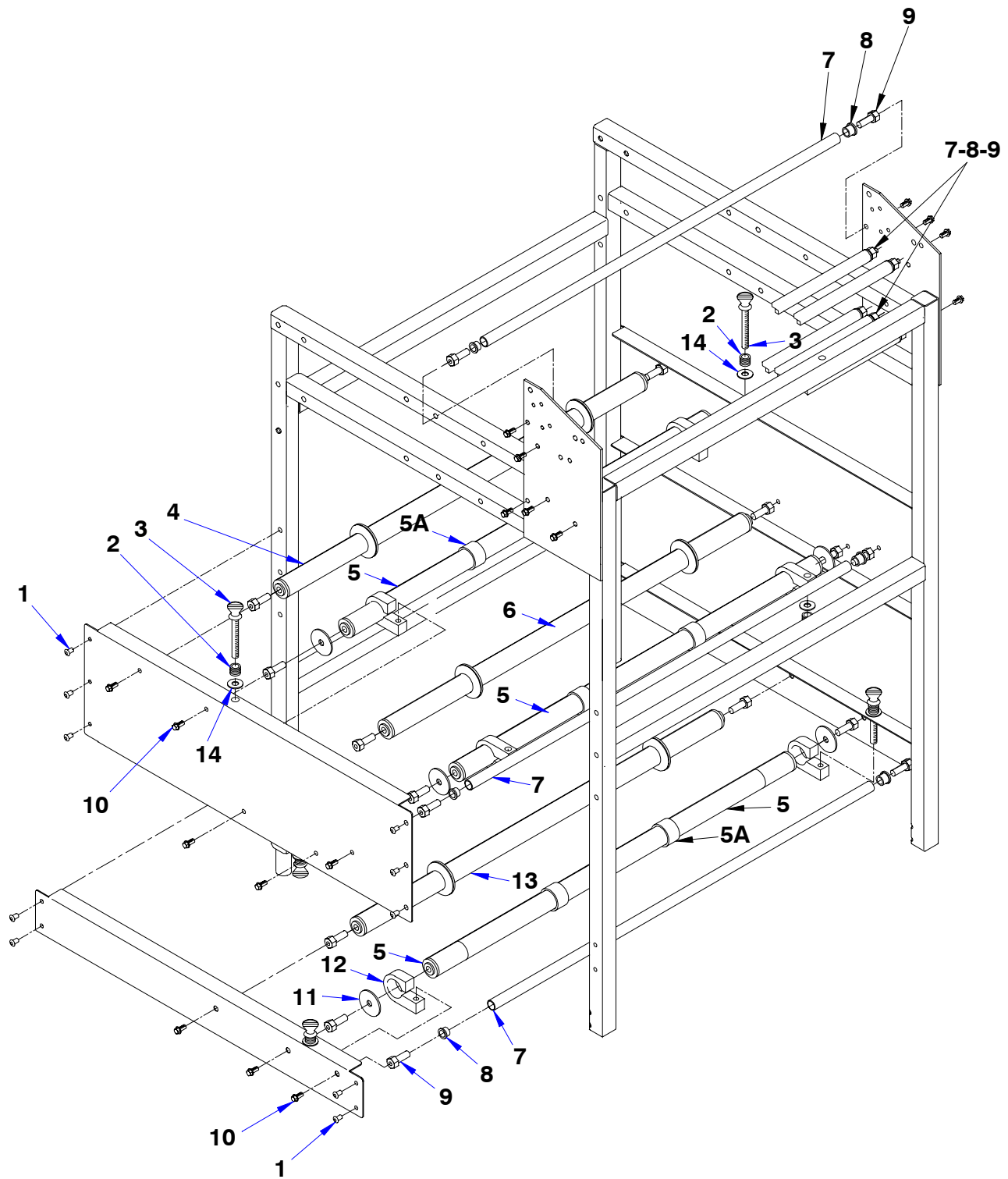
- Is the machine connected to a properly grounded outlet of the correct amperage and voltage?
- Are the circuit breakers in the building service panel in the ON position?
- Is the power switch in the ON position?
- Is the sealing plate thermostat adjusted properly?
- Is the Low Temp Cutoff Rod clean?
- Is the film loaded and threaded properly?
- Are the Film roller brakes adjusted properly?
- Are the film support rollers clean and free of burrs?
- Is the scale controller plugged into the outlet on the back of the Step-Saver?
- Is the printer plugged into the outlet on the back of the Step-Saver?

9

Replacement Parts

This chapter covers replacement part numbers. Carefully check your part numbers for accuracy before ordering.

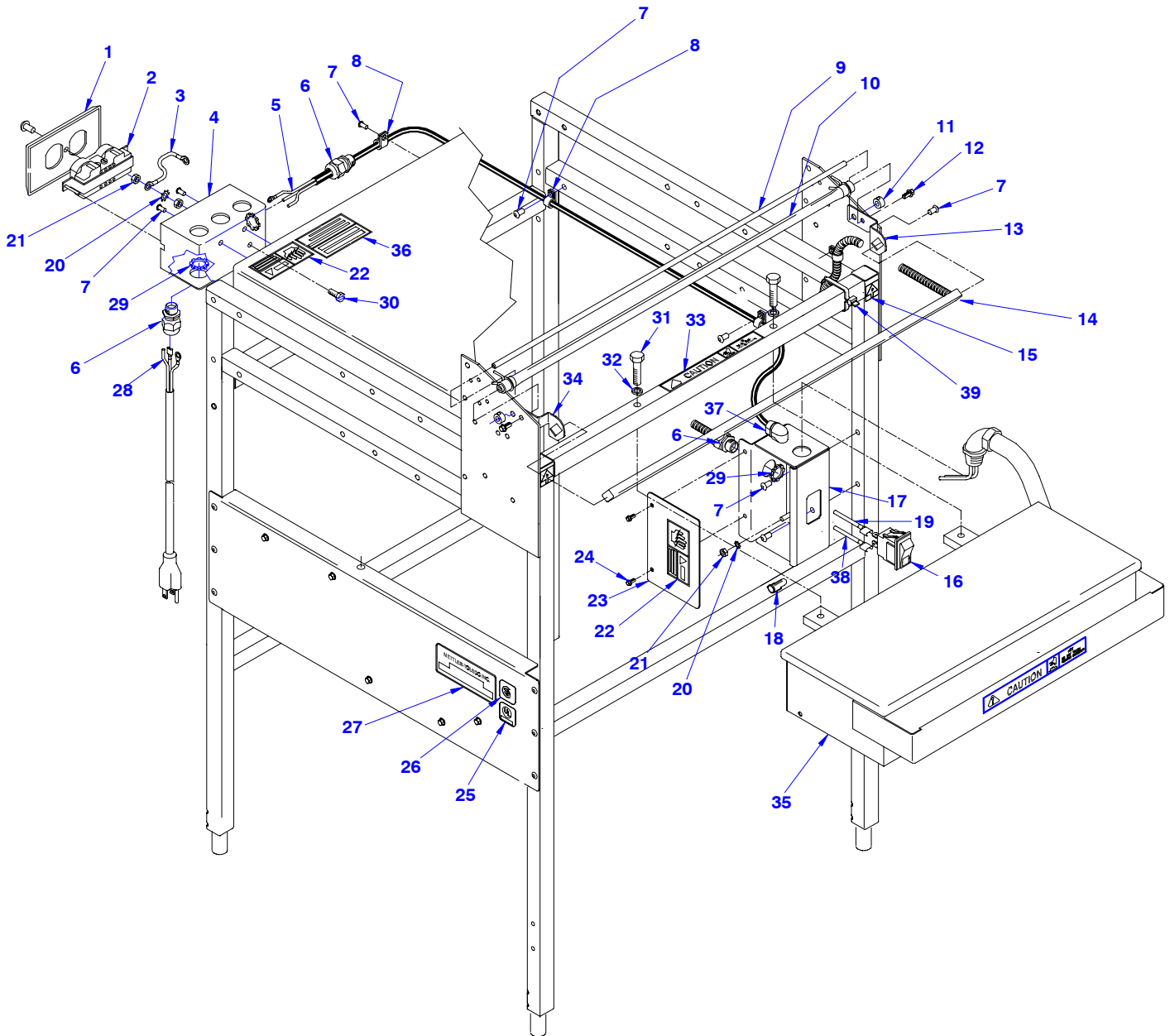
Roller and Brake Assemblies



Parts List for Roller and Brake Assemblies

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	20	POP RIVOT	81868000A
2	6	BRAKE SPRING	81868100A
3	6	BRAKE THUMB SCREW	81868200A
4	1	ROLLER & GROMMET ASSEMBLY 18"	81924000A
5	3	FILM SUPPORT ROLL W/SLEEVE	82451400A
5A	6	SILICONE SLEEVE	82941000A
6	1	ROLLER AND GROMMET ASSEMBLY 15"	81923900A
7	8	ROLLER 5/8" DIA. X 22-9/32" LG.	82138700A
8	16	FLANGE BEARING	A80190400A
9	28	MOUNTING STUD	82130000A
10	30	SCREW 10-32X3/8" HEX WASHER HEAD	A81160600A
11	6	BRAKE RETAINING WASHER	82138100A
12	6	BRAKE RETAINING	81832200A
13	1	ROLLER & GROMMET ASSEMBLY 12"	81923800A
14	6	WASHER 5/16 FLAT	RO234300A

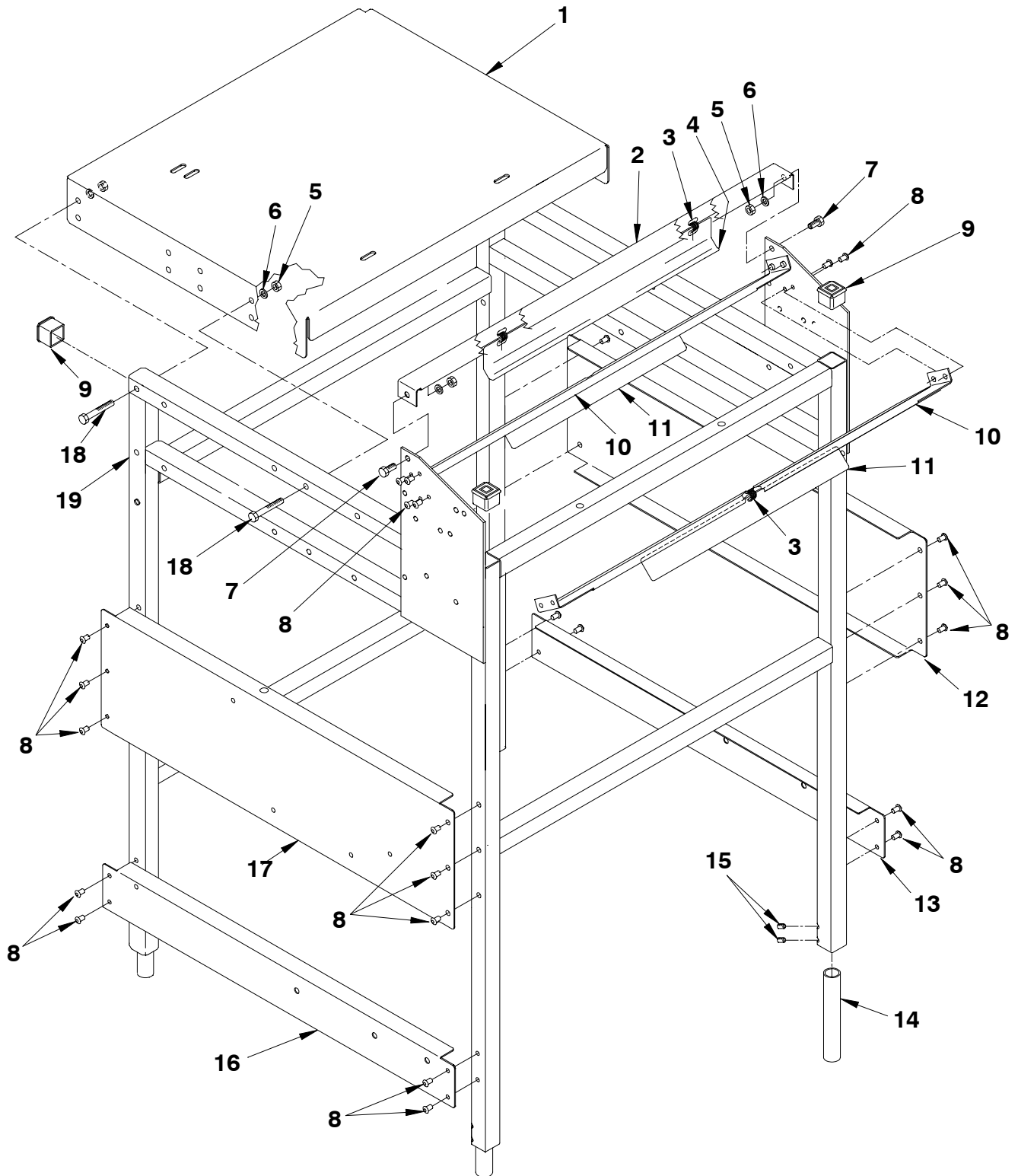
Low Temp Cutoff Rod and Control Box



Parts List for Low Temp Cutoff Rod and Control Box

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	COVER	81981300A
2	1	DUPLEX RECEPTICAL	81981200A
3	1	JUMPER WIRE	82496900A
4	1	RECEPTICAL BOX	A82139100A
5	1	CORD ASSEMBLY	A82352800A
6	3	CORD GRIP - STRAIGHT	A82474700A
7	8	POP RIVOT	81868000A
8	4	PLASTIC CABLE CLAMP	81531600A
9	1	ROD COVER FILM	81870500A
10	1	FILM RETAINING TUBE & SHAFT ASSEM.	A80319300A
11	2	SET COLLAR - 1/4" I.D.	81895700A
12	2	SCREW 10-32X3/8" HEX WASHER HEAD	A81160600A
13	1	SUPPORT - LOW TEMP. ROD RH	81835900A
14	1	SQUARE HEATER 1/2"X22.75" LONG	A82086700A
15	2	DECAL - HOT ARROW	81876200A
16	1	SWITCH - MAIN POWER	A82351600A
17	1	CONTROL BOX	82544800A
18	2	WIRE NUT	A80281100A
19	1	JUMPER WIRE - WHITE	82351800A
20	2	WASHER #10 EXTERNAL TOOTH	R0254500A
21	3	NUT #10-32 HEX	R0342000A
22	2	DECAL - CAUTION DISCONNECT	81921300A
23	1	COVER - CONTROL BOX	82351700A
24	2	SCREW #8-32X1/4" HEX WASHER HEAD	R0235200A
25	1	LABEL - UL LISTED	82462000A
26	1	CSA LABEL	82519100A
27	1	LABEL SERIAL	82531000A
28	1	CORD SET #16-3	82007600A
29	3	ELECTRICAL NUT	A80077800A
30	1	SCREW #10-32X1/2" SLOTTED HEX HEAD	R0296300A
31	2	SCREW 5/16-18 X 1-3/4" HEX HD CAP	R0397500A
32	2	WASHER 5/16" LOCK	R0233500A
33	1	DECAL - CAUTION HOT	12021200A
34	1	SUPPORT - LOW TEMP ROD LH	81835800A
35	1	SEALER PLATE ASSEMBLY	82950500A
36	1	LABEL - RECEPTICAL RATING	82475800A
37	1	HEYCO CONNECTOR 90°	A80796600A
38	1	JUMPER WIRE - BLACK	82351900A
39	1	TIE WRAP	81253900A

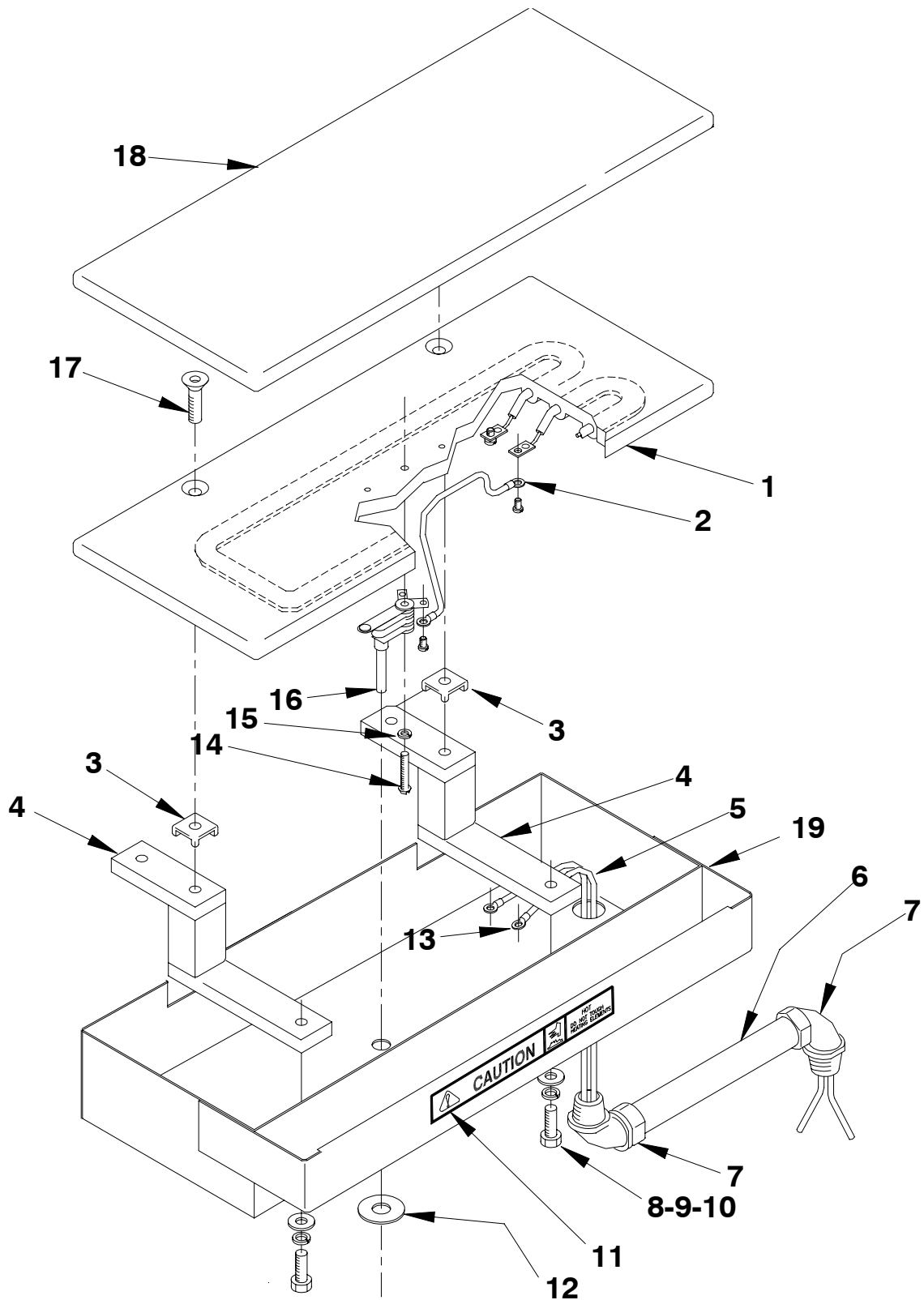
Frame Assembly



Parts List For Frame

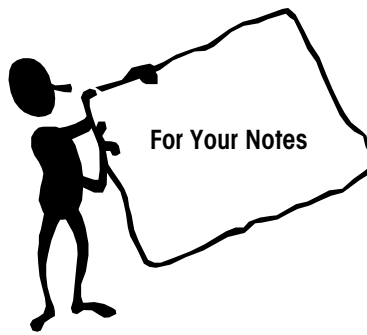
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	SCALE PLATFORM	82343300A
2	1	ANGLE COVER	81879100A
3	4	FILM STOP MOUNTING SPRING	A81124500A
4	1	FILM LEAF - TOP	81878000A
5	6	NUT 1/4-20 HEX	R0236900A
6	6	WASHER 1/4" LOCK	R0233400A
7	2	SCREW 1/4-20X1/2" HEX HEAD CAP	R0311000A
8	28	STAINLESS STEEL POP RIVOT	81868000A
9	4	BLACK PLUG	81733500A
10	2	FILM SHELF	81878100A
11	2	STOP - MIDDLE FILM	81880600A
12	1	PLATE - RH ROLLER SUPPORT	82343400A
13	1	PLATE - RH LOWER ROLLER SUPPORT	82343800A
14	4	FOOT 662	82346200A
15	8	SET SCREW 1/4-28X3/8" HEX SOCKET	R0269400A
16	1	PLATE - LH LOWER ROLLER SUPPORT	82343700A
17	1	PLATE - LH ROLLER SUPPORT	82343500A
18	4	SCREW 1/4-20X1-3/4" HEX HEAD CAP	R0367900A
19	1	FRAME 662	82345900A

Sealing Plate



Parts List for Sealing Plate

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	SEALING PLATE	A81873100A
2	1	JUMPER WIRE	81922100A
3	2	ISOLATER - HEAT	81923200A
4	2	HEAT DEFLECTOR MOUNTING BAR	82563600A
5	2	14 GA. WIRE TGGT 600V 25A X 18"	82534400A
6	1	FLEXABLE CONDUIT, LIQUID TIGHT 4-5/8"	77620001
7	2	CONNECTOR SEALTITE 90°	A80584900A
8	2	SCREW 5/16-18 X 3/4" HEX HD. CAP	R0364100A
9	2	WASHER 5/16 LOCK	R0233500A
10	2	WASHER 5/16 FLAT	R0234300A
11	1	CAUTION HOT DECAL	12021200A
12	1	THERMOSTAT DECAL	81871500A
13	2	RING TERMINAL 14/16 AWG	82534500A
14	1	SCREW #8-32X7/8" ROUND HEAD MACH.	R0332100A
15	1	WASHER #8 LOCK	R0282800A
16	1	THERMOSTAT	82138900A
17	2	SCREW 5/16-18X1-1/4" FLAT SOCKET HEAD	R0369400A
18	1	6 X 15 TEFLON COVER	A80280000A
19	1	HEAT DEFLECTOR	82544900A



10

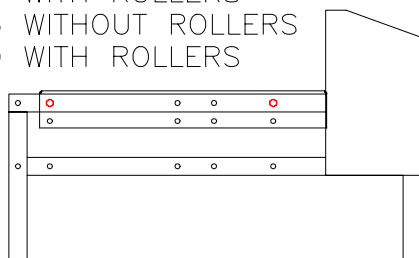
Accessories

This chapter covers optional accessories for the Model 662. Carefully check your part numbers before ordering.

Scale Platform Positions

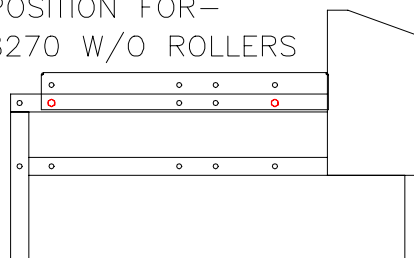
POSITION FOR—

8213 WITH ROLLERS
8213 WITHOUT ROLLERS
8270 WITH ROLLERS



POSITION FOR—

8270 W/O ROLLERS



8 Inch Extension Conveyor 0925-0385

1/4-20 X 3/4" CAP SCREW
& FLAT WASHER — 2 REQ'D

1/8 to 1/4 ON 8270 SCALE

SCALE
PLATTER
ROLLERS

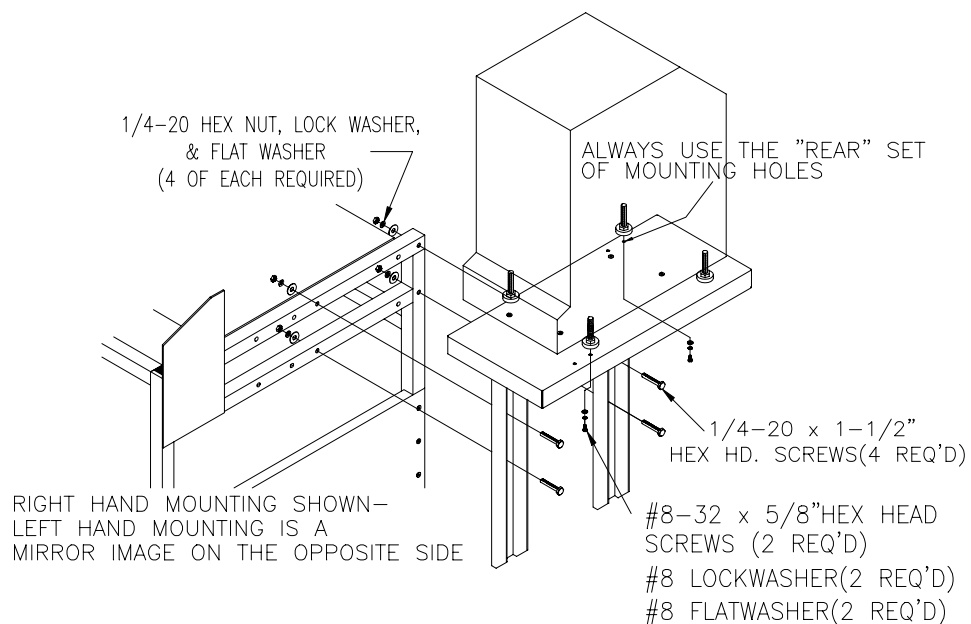
1.250

SCREW IN 8213
LEGS AS FAR
AS POSSIBLE

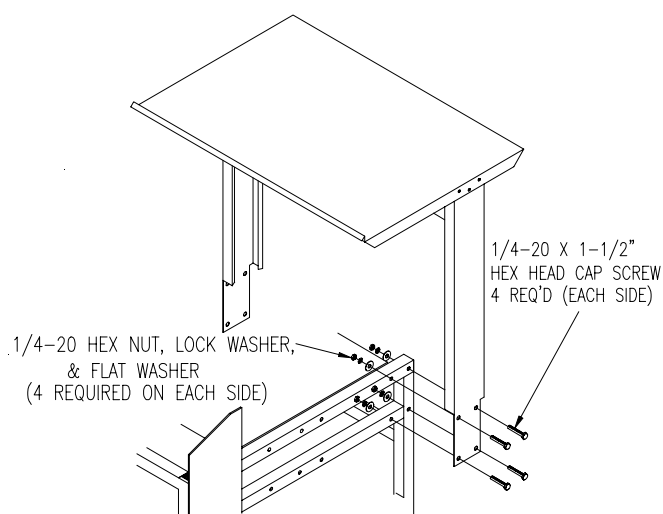
1/4-20 x 1-1/2" CAP SCREWS
& FLAT WASHER — 3 REQ'D

1/4-20 HEX NUT, LOCK WASHER,
& FLAT WASHER (3 OF EACH REQ'D)

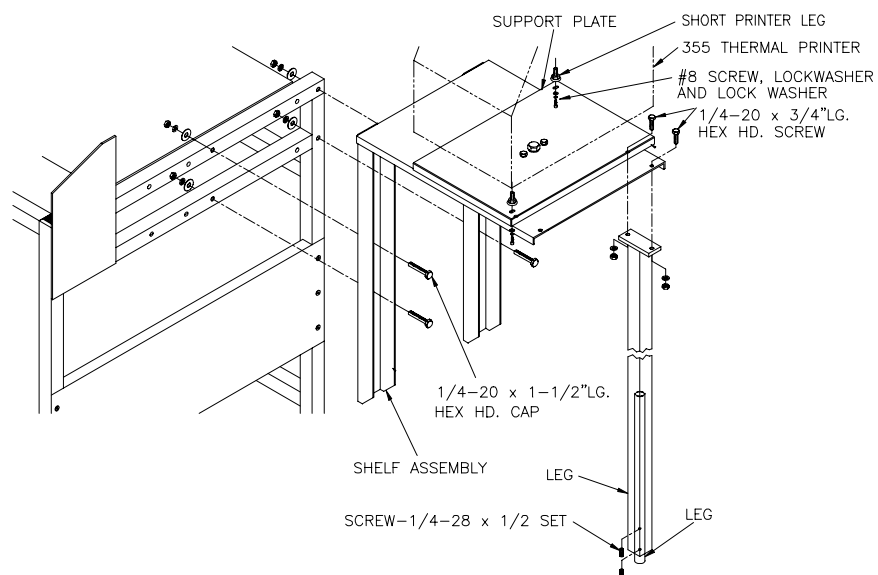
Printer Shelf for 317 0925-0352



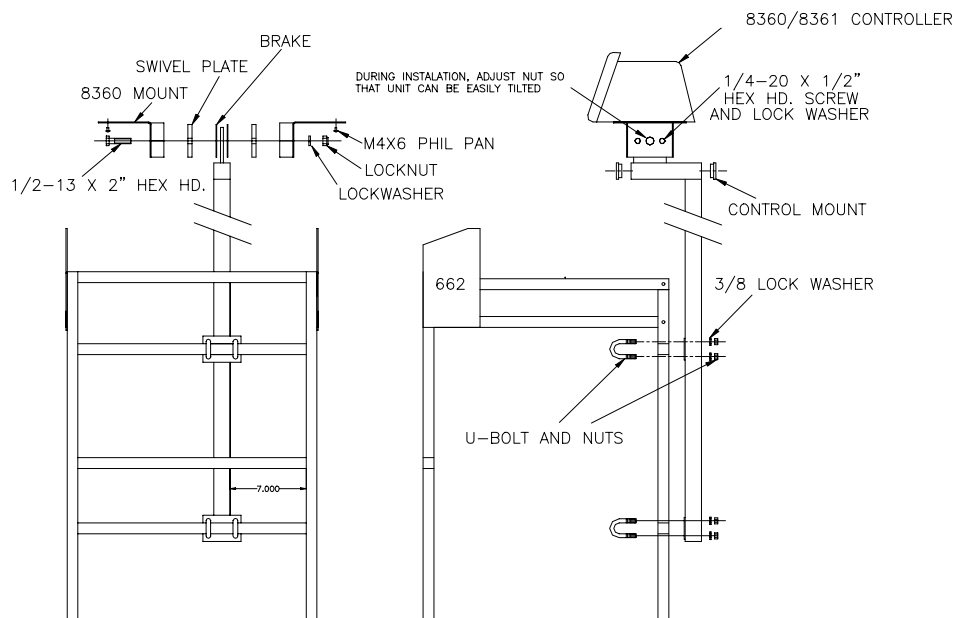
Center Shelf for Model 8305/8450/8460/8461 0925-0353



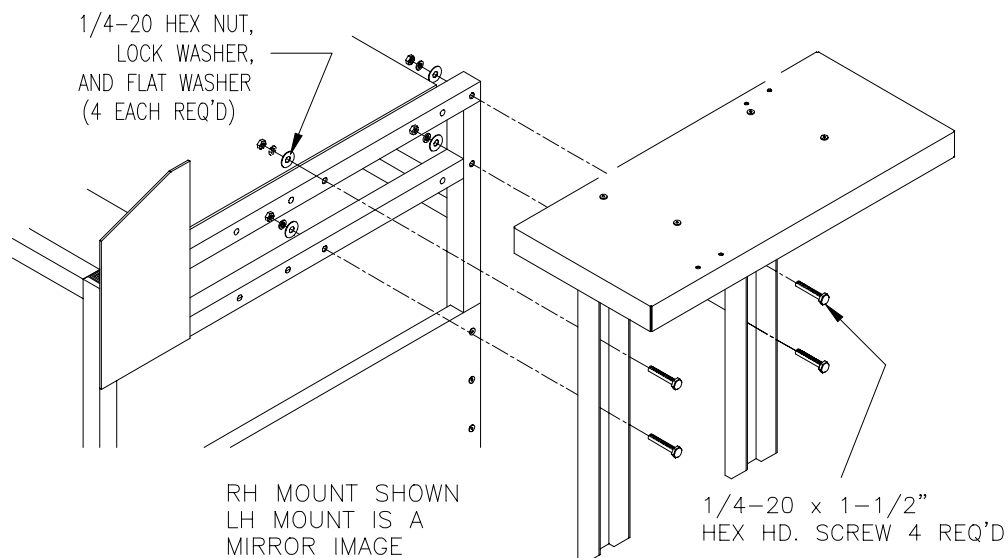
Swivel Shelf for Model 355 0925-0388



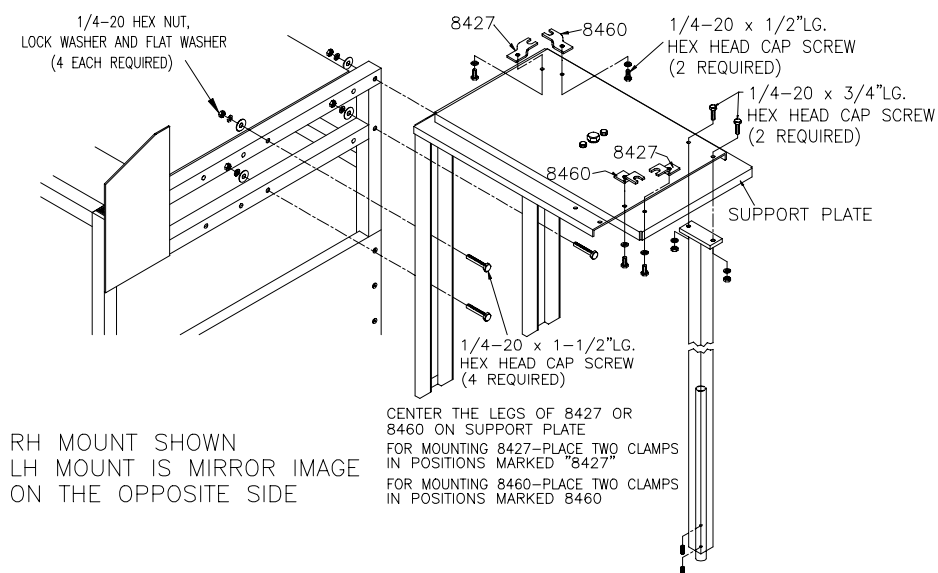
Post W/Tilt for Model 8360/8361 0925-0345



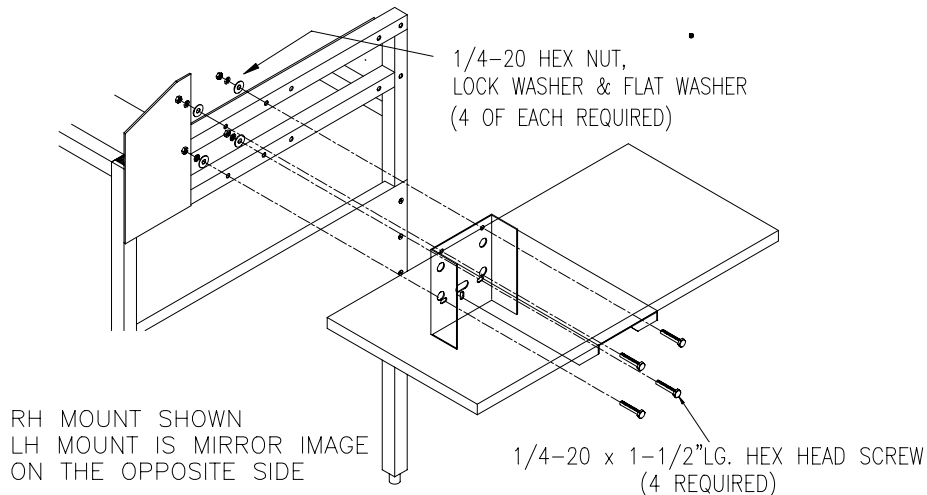
Shelf For Model 8305/8422/8423 0925-0354



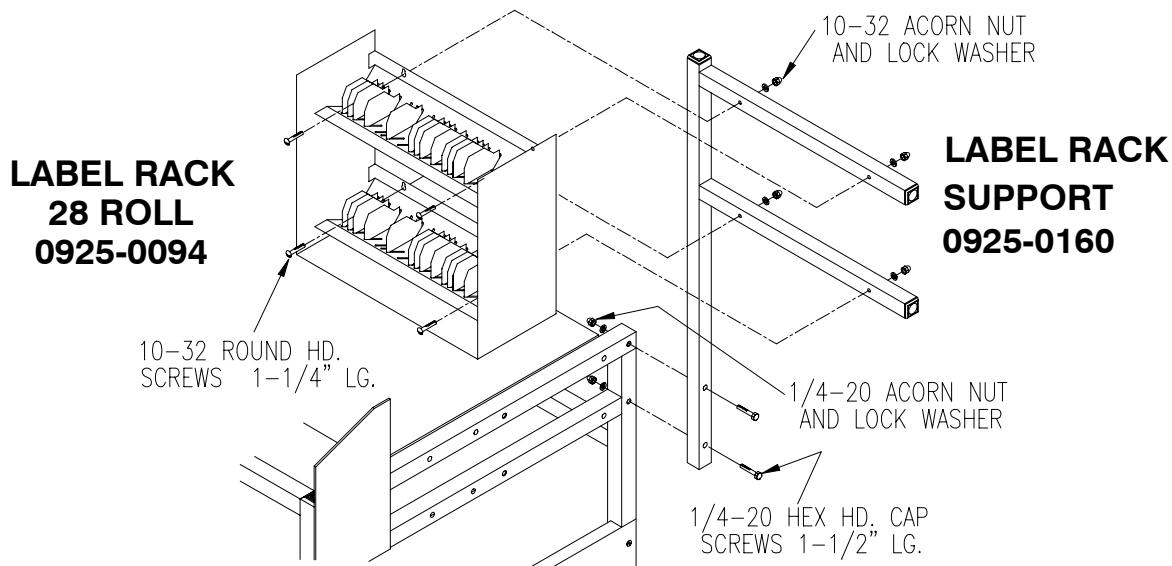
Swivel Shelf For Model 8450/8460/8461 0925-0322



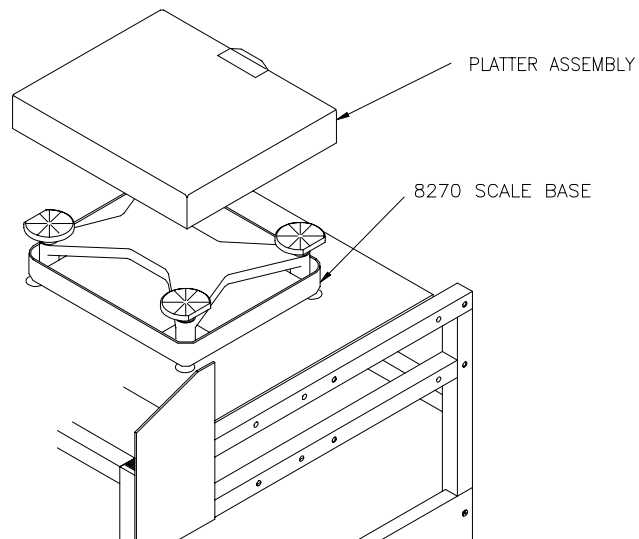
Platter Shelf 0925-0137



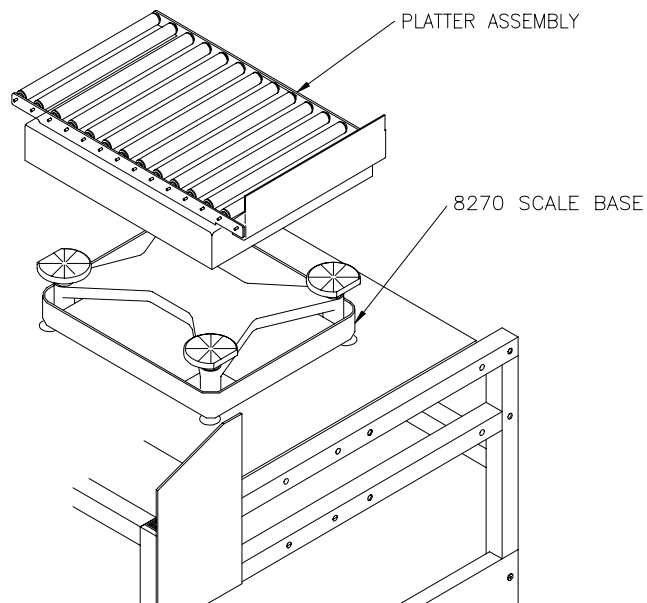
Label Rack 0925-0094 and Label Rack Support 0925-0160



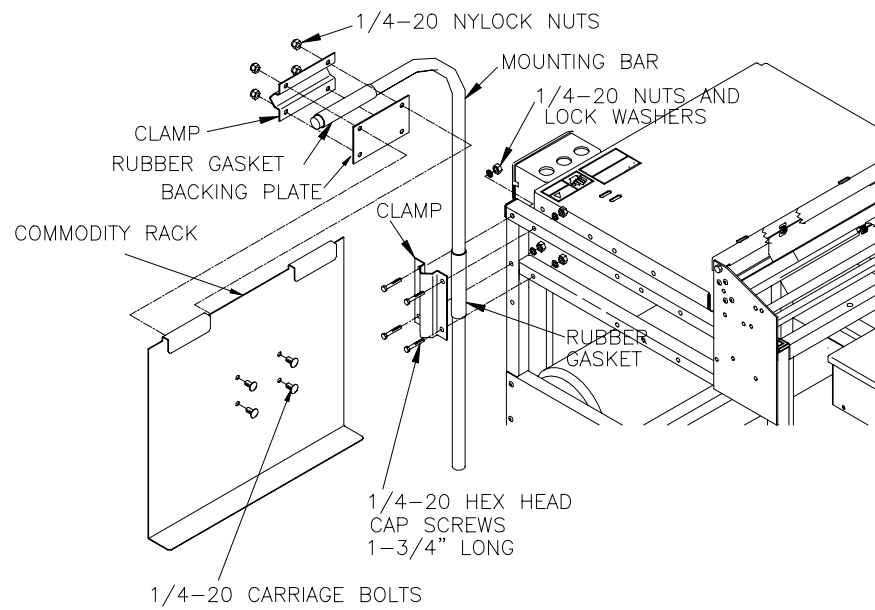
Model 8270 Platter W/O Rollers 0925-0348



Model 8270 Platter W/Rollers 0925-0383

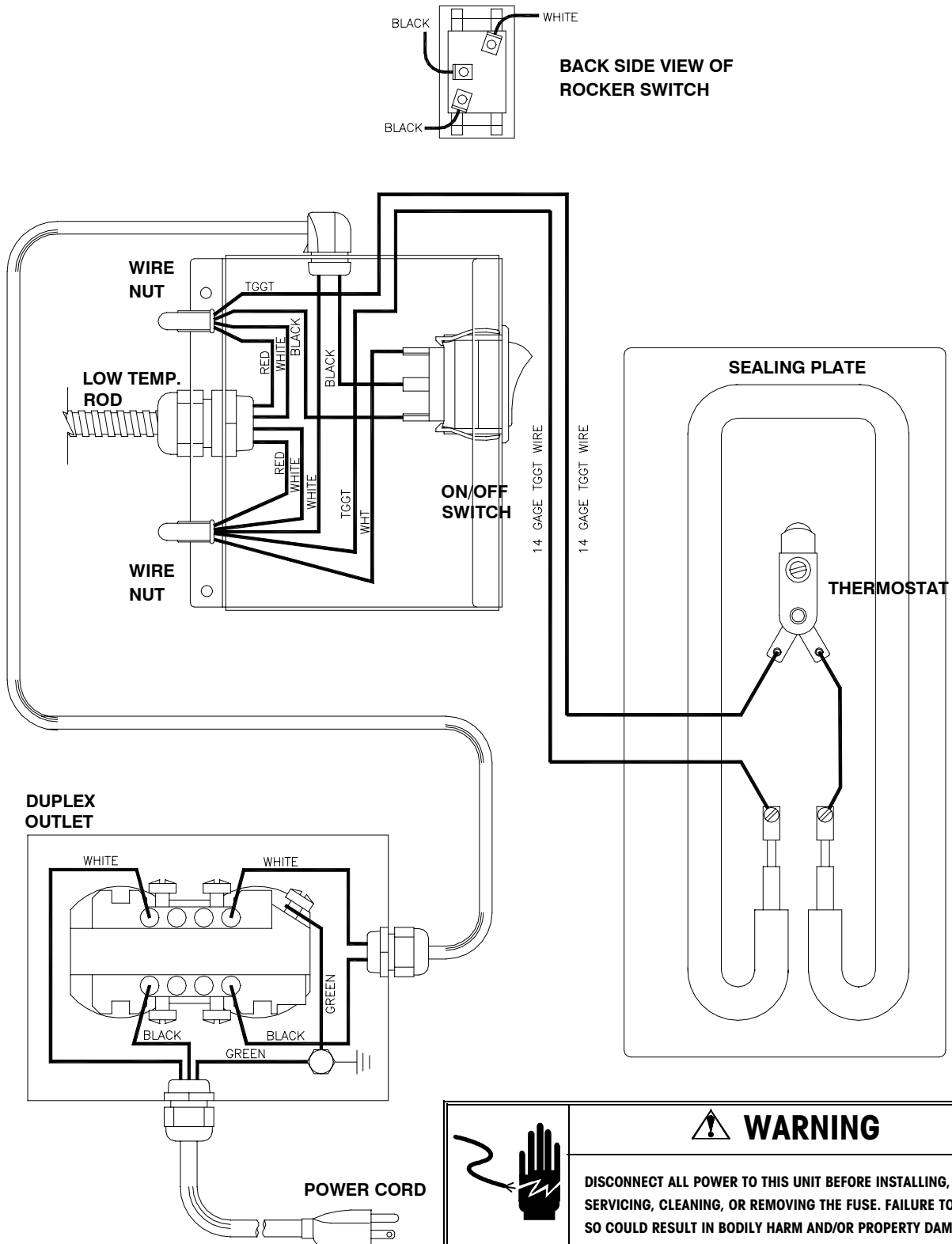


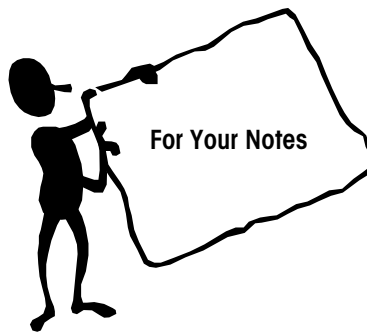
Commodity Rack 0925-0404



11

Wiring Diagram





Mettler-Toledo, Inc.

1900 Polaris Parkway
Columbus, Ohio 43240
www.mt.com

P/N: 15516700A

(6/00).01

METTLER TOLEDO® and Step Saver™ are Trademarks of Mettler-Toledo, Inc.
©2000 Mettler-Toledo, Inc.
Printed in U.S.A.



15516700A