

May 2024

OPEX[®] OMATION[®] SERIES 210[™]

Manual #9276911OM-EN

Revision 24-01

Original Instructions

Operator Manual



OMATION[®] Series 210[™] Envelopener[™]



WARNING

Read this manual thoroughly before attempting to operate or service this equipment. Keep a current copy for your reference.

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0.1. Contacting OPEX

For technical support:

OPEX Technical Support
1224 N Church Street
Moorestown, NJ 08057 USA

Americas: 1 800.673.9288 -OR- 856.727.1950

EMEA: +1 800.673.9288

Australia: +1 800.945247

Service@opex.com

Please have the model name and serial number of the product ready (see [“Equipment Serial Number Locations” on page 31](#)).

For other inquiries:

OPEX® Corporation
305 Commerce Dr.
Moorestown, NJ 08057-4234 USA
Tel: +1 856.727.1100
Fax: +1 856.727.1955
<https://www.opex.com/>

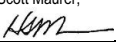
If you find errors, inaccuracies, or any other issues or concerns with this document, please contact the OPEX Technical Writers via email at:

GroupDMATechWriters@opex.com

For help with opexservice.com website-related issues, please contact the OPEX Web Developers via email at: dshelp@opex.com

0.2. CE Declaration of Conformity

0.2.1. Declaration of Conformity Australia: AU

OPEX[®] CORPORATION		EU Declaration of Conformity OM210	
This declaration of conformity is issued under the sole responsibility of the manufacturer.			
1.0	Manufacturer	NAME	OPEX Corporation
		ADDRESS	305 Commerce Drive, Moorestown, NJ 08057, USA
2.0	Technical File	Technical documentation is compiled in accordance with Part B of Annex VII of the machinery directive. This documentation is available on a reasoned request by appropriate national authority to our authorized representative:	
		NAME	OPEX Business Machines Pty Ltd
		ADDRESS	Level 12, 225 George Street Sydney, NSW 2000 Australia
3.0	Description and identification	Description	Envelope Opener
		Model	OM210
		Serial Number	
		Year Manufactured	From 2019
4.0	Directives	2014/35/EU	Low Voltage Directive
		2014/30/EU	Electromagnetic Compatibility Directive
		2011/65/EU	RoHS 2 Directive
		2015/863/EU	RoHS 3 amendment
5.0	Harmonized Standards used	CISPR 14-1 Ed 5.2:2011	Radiated Emissions
		CISPR 14-1 Ed 5.2:2011	AC Mains Conducted Emissions
		IEC 61000-3-2:2014	Harmonics
		IEC 61000-3-3:2013	Flicker
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		CISPR 14-2:2015Ed.2	Electromagnetic Compatibility - Requirements For Household Appliances, Electric Tools And Similar Apparatus - Part 2: Immunity - Product Family Standard
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		FCC 47CFR: (Part 15 Subpart B) Title 47 CFR Part 15 Subpart B	Unintentional Radiators
		FCC 47CFR PT 15 SPT B Issued: 2013/01/28 Title 47 CFR Part 15 Subpart B:	Unintentional Radiators
		IEC 62368-1:2014 Ed.2 +C1	Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements
		ISO 7779 Issued:1999/08/01	Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment-Second Edition; Amendment 1: 3/01/2003
7.0	Approval	I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).	
		Place of issue	Moorestown, NJ, USA
		Date of issue	Mar 19, 2019
		Authorized	Scott Maurer,
			
		Title	President, International Division

Drawing: 92701xx-DoC-AU Revision: 0.1

0.2.2. Declaration of Conformity France: FR

Déclaration de conformité

Application de la directive du Conseil(s) : 2014/35/EU (basse tension) ;
2014/30/EU (Compatibilité électromagnétique); 2011/65/EU (RoHS);
EC No 1907/2006 (REACH)

Norme(s) à laquelle la conformité est déclarée(s) IEC 62368-1:2014 (Deuxième
édition); CISPR14-1 Ed 5.2:2011; IEC61000-3-2:2014; IEC61000-3-3:2013;
IEC61000-4-2:2008; IEC61000-4-3:2006; IEC61000-4-3:2006/AMD1:2007;
IEC61000-4-3:2006/AMD2:2010 IEC61000-4-4:2012; IEC61000-4-5:2014;
IEC61000-4-6:2013; IEC61000-4-11:2004

Nom du fabricant : OPEX Corporation

Adresse du fabricant: 1224 North Church Street
Moorestown, New Jersey 08057
États-Unis d'Amérique

Nom de l'importateur : OPEX Business Machines GMBH
Adresse de l'importateur : Parc Technnopolis – ZA de Courtaboeuf
3 Avenue du Canada
Les Ulis, France

Type d'équipement : Coupe-papier

Modèle : OMATION 210, OMATION 410

N° de série : _____

Année de fabrication : _____

Je, soussigné(e), déclare par la présente que l'équipement spécifié ci-dessus est conforme à la/aux directive(s) et norme(s) ci-dessus.

Place: United States of America


(Signature)

Date: 05 Novembre 2019

H. Scott Maurer
(Nom complet)

President, OPEX International
(Title)

0.2.3. Declaration of Conformity Germany: DE

Konformitätserklärung

Anwendung der Richtlinie(n) des Rates: Niederspannungsrichtlinie 2014/35/EU;
Elektromagnetische Verträglichkeit (EMV) Richtlinie 2014/30/EU;
RoHS Richtlinie 2011/65/EU; REACH Richtlinie 1907/2006

Norm(en), für die die Konformität erklärt wird: IEC 62368-1:2014 (Second Edition);
CISPR14-1 Ed 5.2:2011; IEC61000-3-2:2014; IEC61000-3-3:2013; IEC61000-4-2:2008;
IEC61000-4-3:2006; IEC61000-4-3:2006/AMD1:2007; IEC61000-4-3:2006/AMD2:2010
IEC61000-4-4:2012; IEC61000-4-5:2014; IEC61000-4-6:2013; IEC61000-4-11:2004;
EN IEC 63000:2018

Name des Herstellers: OPEX Corporation

Anschrift des Herstellers: 1224 Church Street
Moorestown, New Jersey 08057- 4225
Vereinigte Staaten von Amerika

Name des Importeurs: OPEX Business Machines GmbH
Anschrift des Importeurs: 71726 Benningen am Neckar
Deutschland

Art des Geräts: Briefumschlagsöffner


Modell-Nr.: OMATION 210, OMATION 410

Serien-Nr.: _____

Baujahr: _____

Der Unterzeichner erklärt hiermit, dass das oben genannte Gerät mit der/den oben genannten Richtlinie(n) und Norm(en) übereinstimmt.

Ort: Moorestown, New Jersey Vereinigte Staaten






(Unterschrift)

Datum: November 12, 2019





H. Scott Maurer
(Vollständiger Name)

Präsident, OPEX International
(Position)





0.2.4. Declaration of Conformity Republic of Ireland: IE

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0.2.6. Declaration of Conformity United Kingdom: UK

		EU Declaration of Conformity OM210 This declaration of conformity is issued under the sole responsibility of the manufacturer.																				
1.0	Manufacturer	<table border="1"> <tr> <td>NAME</td> <td>OPEX Corporation</td> </tr> <tr> <td>ADDRESS</td> <td>305 Commerce Drive, Moorestown, NJ 08057, USA</td> </tr> </table>	NAME	OPEX Corporation	ADDRESS	305 Commerce Drive, Moorestown, NJ 08057, USA																
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Drawing: 92701xx-DoC-UK		Revision: 0.1																				

0.3. Document History

Doc Rev	Date	Changes (click blue text to go to that page)
19-01	Apr 15, 2019	Initial Release CE compliant
20-01	Dec. 21, 2020	Page 1 - updated graphic Page 20 - updated label content Page 30 - new graphic Page 36 - edited order of operation Page 56 - corrected physical specifications Page 57 - corrected electrical requirements Page 57 - corrected BTU ratings
22-01	Dec. 14, 2022	Minor formatting adjustments throughout Page 1 - updated corporate logo Page 2 - updated contact info Page 19 - corrected “conveyor” to “feed belt” Page 20 - 24 - updated labels per ECO 21-1157 Page 36 - added warning Page 57 - updated for new version of transport cover Page 63 - updated text per current OPEX branding
(Table continued on next page)		

Doc Rev	Date	Changes (click blue text to go to that page)
24-01	May 23, 2024	<p>Reorganized content for uniformity between DMA products. Streamlined text wherever possible. Replaced numerous CAD graphics with photos.</p> <p>Page 1 - updated front cover layout, OPEX logo, and Series 210 logo, per marketing standards</p> <p>Page 3 - corrected the Country codes in the Declaration of Conformity section</p> <p>Page 4 - updated DoC for France</p> <p>Page 5 - updated DoC for Germany</p> <p>Page 25, 31 - updated Ratings/Serial Number labels</p> <p>Page 26 - added Service label information</p> <p>Page 57 - Transport Cover updated, per ECO21-1004</p>

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Omatation® Series 210™ Envelopener™

Operator Manual

1.1. About This Manual

This manual contains information about the OPEX OMATION® Series 210™ Envelopener™ (referred to as “Series 210”) and its operational procedures and safety-related components, including:

- safety information, safety hazards and precautions
- main component identification and function
- system specifications

This information is intended for use by an operator of the Series 210.

Operators can load envelopes onto the feed hopper, and start the machine, which will cut open and/or count the envelopes. They can also perform minor maintenance. Read all information thoroughly before attempting to operate or service the Series 210.

This manual will be updated to reflect design changes, part number changes, or to correct errors (as detailed in the “Document History” table in the beginning of this manual). Be sure to retain the latest electronic release of the manual for your reference, which can be downloaded in PDF format at www.opexservice.com.

1.1.1. Manual Navigation Aids

The PDF version of this manual is designed for use on a tablet device. To improve navigation, the manual contains blue underlined links you can click on or tap to go directly to a particular page or web address. In addition, all items in the “Table of Contents” as well as the bookmarks in the side bar of the PDF file can be clicked or tapped to navigate directly to a particular page. Make sure to use the latest version of Adobe® Acrobat Reader®* for optimal performance.

*Adobe and Acrobat Reader are registered trademarks of Adobe Systems Incorporated.

1.2. Safety message conventions

This manual uses the following conventions to alert you about safety hazards associated with certain procedures and situations. Please be aware of these conventions when reading the manual and operating the equipment:



DANGER

Indicates a hazardous situation that, if not avoided, will result in death or severe injury. The use of this signal word is limited to the most extreme situations.



WARNING

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



CAUTION

Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates information considered important, but not hazard related (e.g. messages relating to property damage).

1.3. Safety Guidelines

The information provided in this section is intended to educate you on various safety issues regarding the operation and maintenance of the Series 210, and provides an explanation of the safety guidelines to be observed when working with this equipment.

Note: *This manual describes operation of the Series 210. If you have a different model, or any optional features, refer to that product's manual before proceeding with this manual.*

1.3.1. Safety Precautions



WARNING

Follow these safety guidelines to avoid injury whenever operating or maintaining the Series 210. Failure to follow these precautions may result in severe personal injury or damage to the Series 210.

- Do not move the Series 210 while the power is on. Unplug the Series 210 from the power source first.
- Do not set liquids/drinks on the Series 210 that could spill into it.
- Keep loose objects away from any exposed, moving parts of the Series 210. The moving parts of the Series 210 can become jammed and/or damaged by foreign objects. Also, keep hands, hair, loose clothing or jewelry away from the moving parts.
- Do not attempt to clean the Series 210 while it is running. A cloth (or similar material) should never be used to clean moving parts such as belts or rollers. The use of such material on moving mechanisms can result in damage to the Series 210 or severe personal injury.
- Do not use flammable, high pressure, “canned air” to clean paper scraps and dust from the Series 210.
- Keep all areas around the Series 210 clear of obstacles.

1.4. Interlock system

The interlock system will stop all the motors in the machine whenever the nip arm cover is lifted (Figure 1-1) or chip bin tray is removed (Figure 1-2).



Figure 1-1: Top cover removal interlock triggering



Figure 1-2: Bin tray removal interlock triggering

1.5. Ergonomics

As in any occupation that requires you to perform the same motion repeatedly during the course of your work, it is important to consider how you perform your task. Listed below are some guidelines to help you minimize the risk of physical discomfort and injury while operating the Series 210.

- Maintain an upright body posture.
- Occasionally change the angle of your posture for greater comfort.
- Avoid operating the Series 210 for longer than 10 hours at a time. If possible, stretch between breaks.

1.6. Machine Labels

Labels are used in specific locations on the Series 210 to alert you to certain safety hazards and provide important information about the machine. In many cases, there are different versions of the same label: some are bilingual, while others have no text for international machines. Though they appear different, the locations of these labels are identical.



WARNING

Follow the safety precautions on all labels when operating the Series 210. Failure to follow these precautions may result in severe bodily injury or death as well as damage to the machine.

1.6.1. Feeder Warning Label

Location: Front of the machine on the feeder (Figure 1-3).

Purpose: To warn personnel that hair, loose clothing, or jewelry should be kept away from this area.

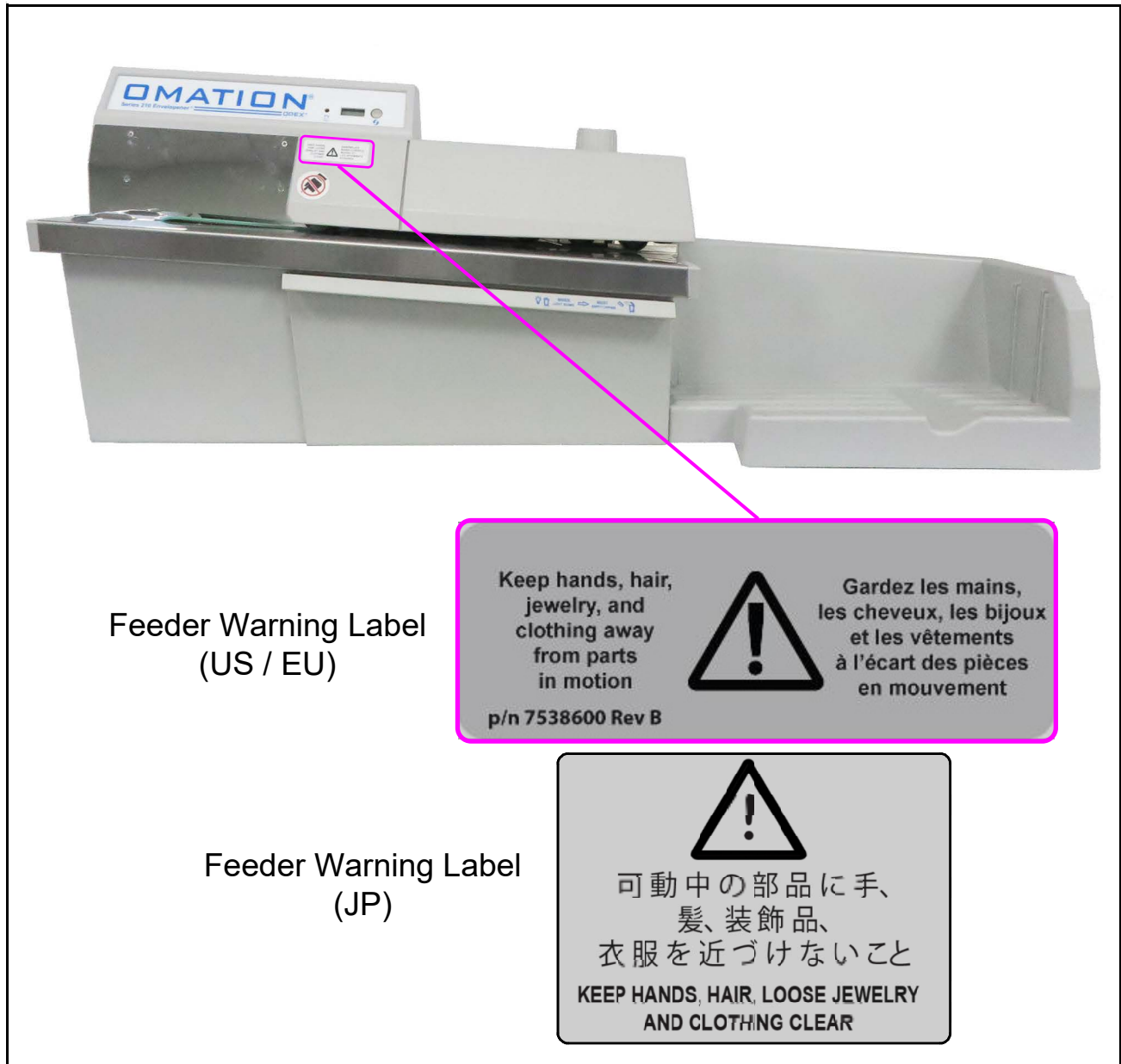


Figure 1-3: Feeder Warning Label

1.6.2. Pinch Point Caution Label

Location: The beginning and end of the feed belt path (Figure 1-4).

Purpose: Warns about pinch hazards near the feed belt.

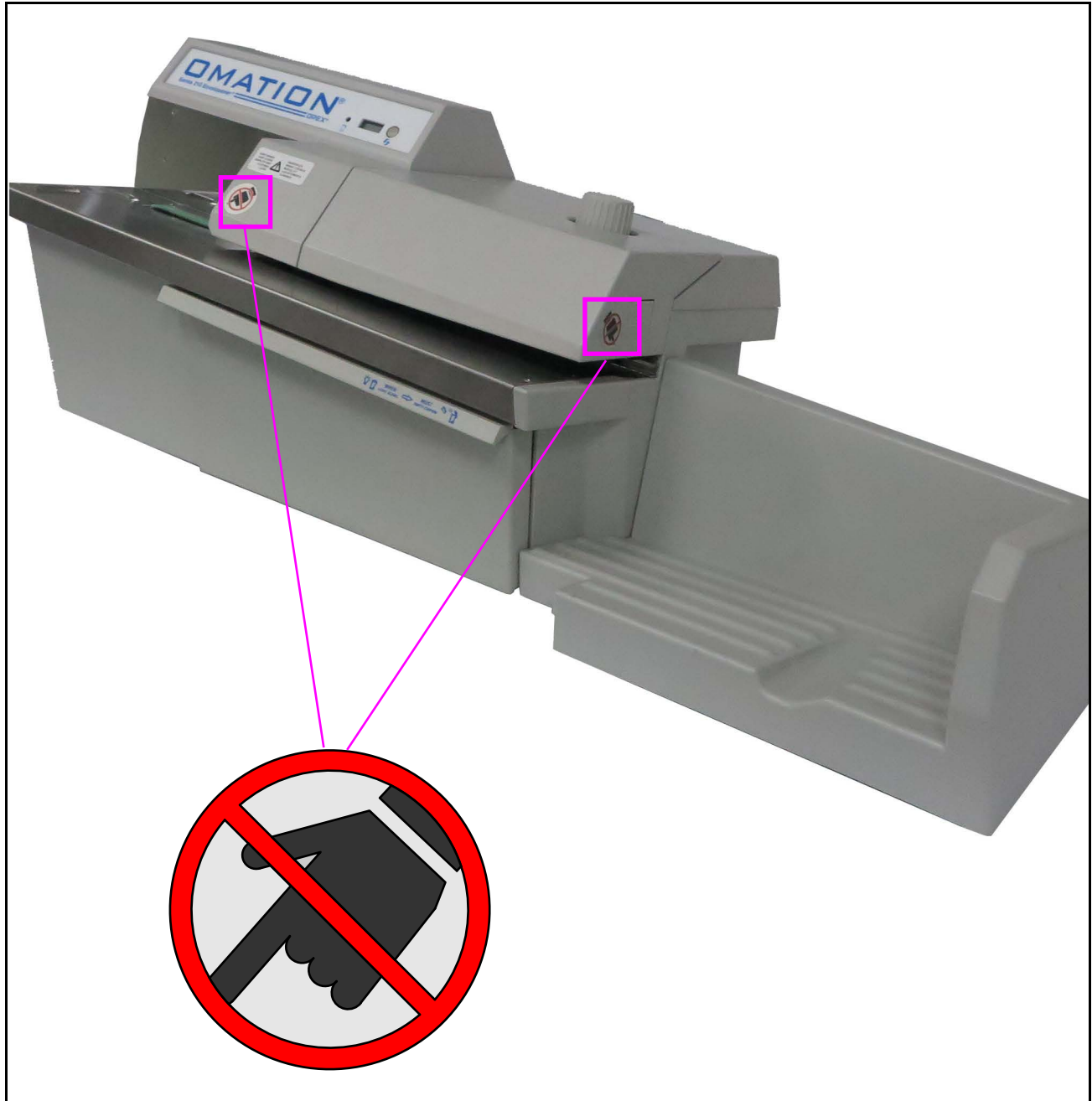


Figure 1-4: Pinch Point label

1.6.3. Disconnect power warning

Location: Rear of the machine (Figure 1-5).

Purpose: Warns personnel to disconnect power before opening the machine.

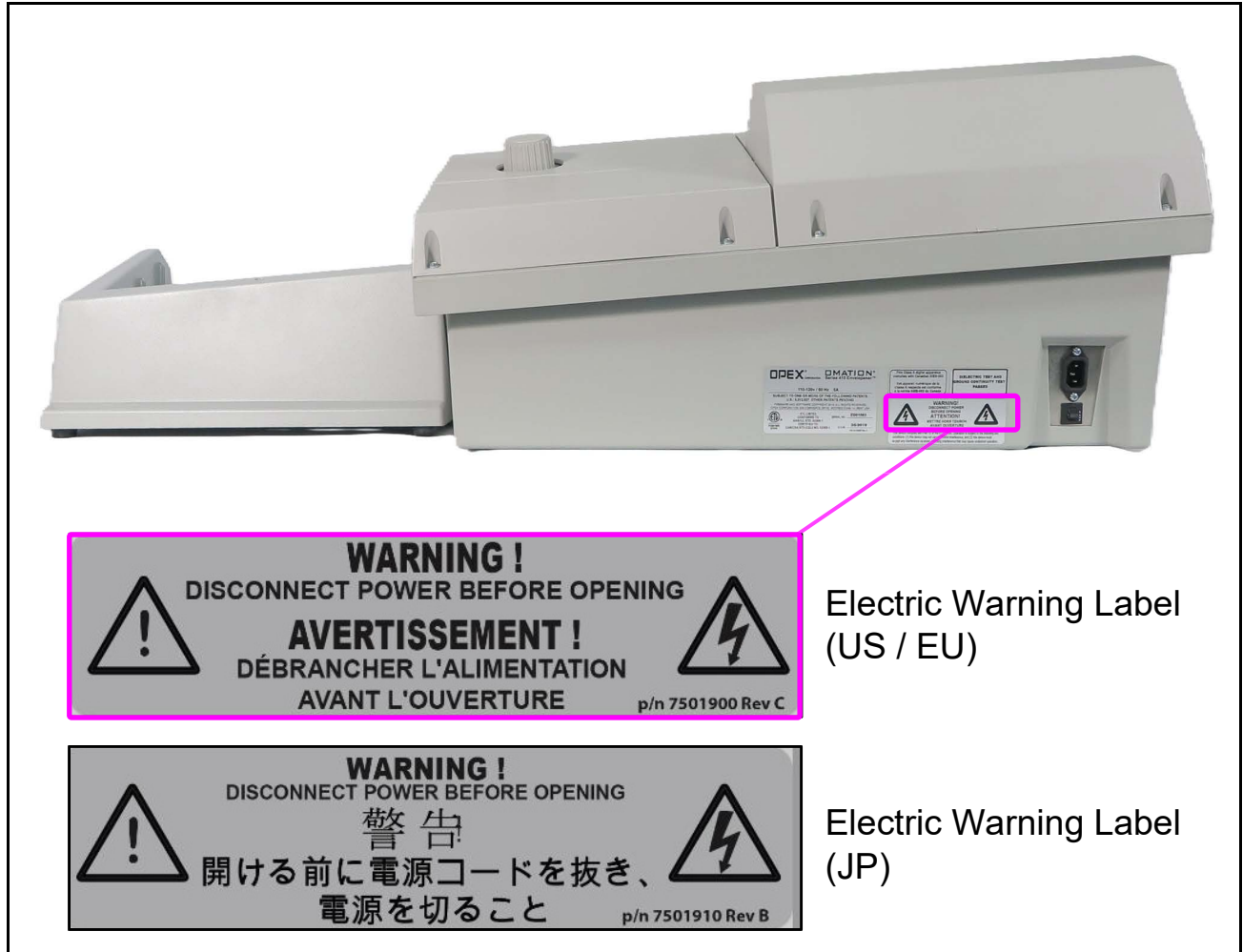


Figure 1-5: Disconnect Power Before Opening label

1.6.4. Dielectric and ground test label

Location: Rear of the machine (Figure 1-6).

Purpose: To inform personnel that the ground points in the machine are well connected between each other, and it has passed the ground bond test.

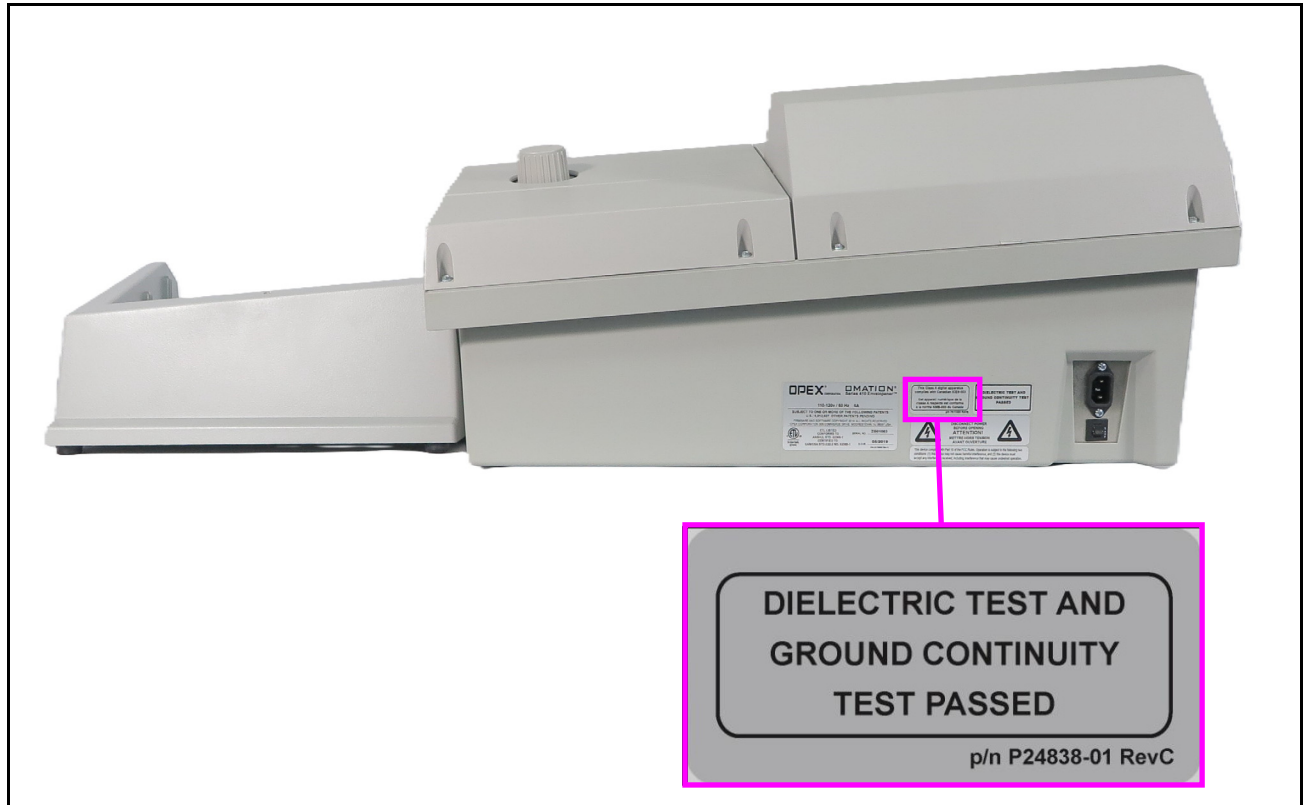


Figure 1-6: Dielectric and Ground Test label

1.6.5. FCC Compliance label

Location: Rear of US machines only (Figure 1-7).

Purpose: Certifies that the electromagnetic interference from the device is under the limits approved by the Federal Communications Commission.

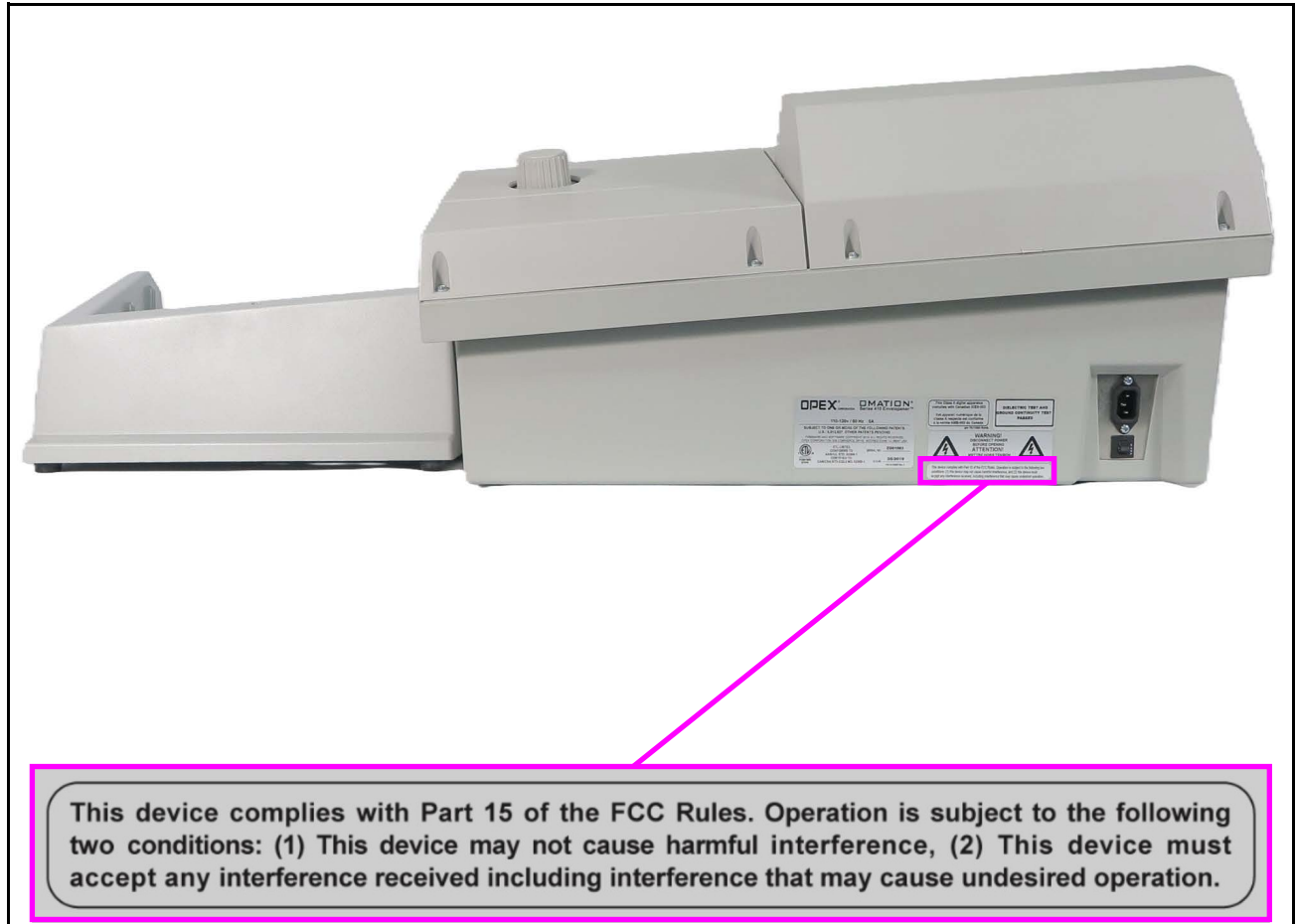


Figure 1-7: FCC Compliance Label

1.6.6. Ratings / Serial Number label

Location: Rear of machine (Figure 1-8).

Purpose: Identifies product model, electrical ratings, serial number for U.S. & Canada; EU; Japan.

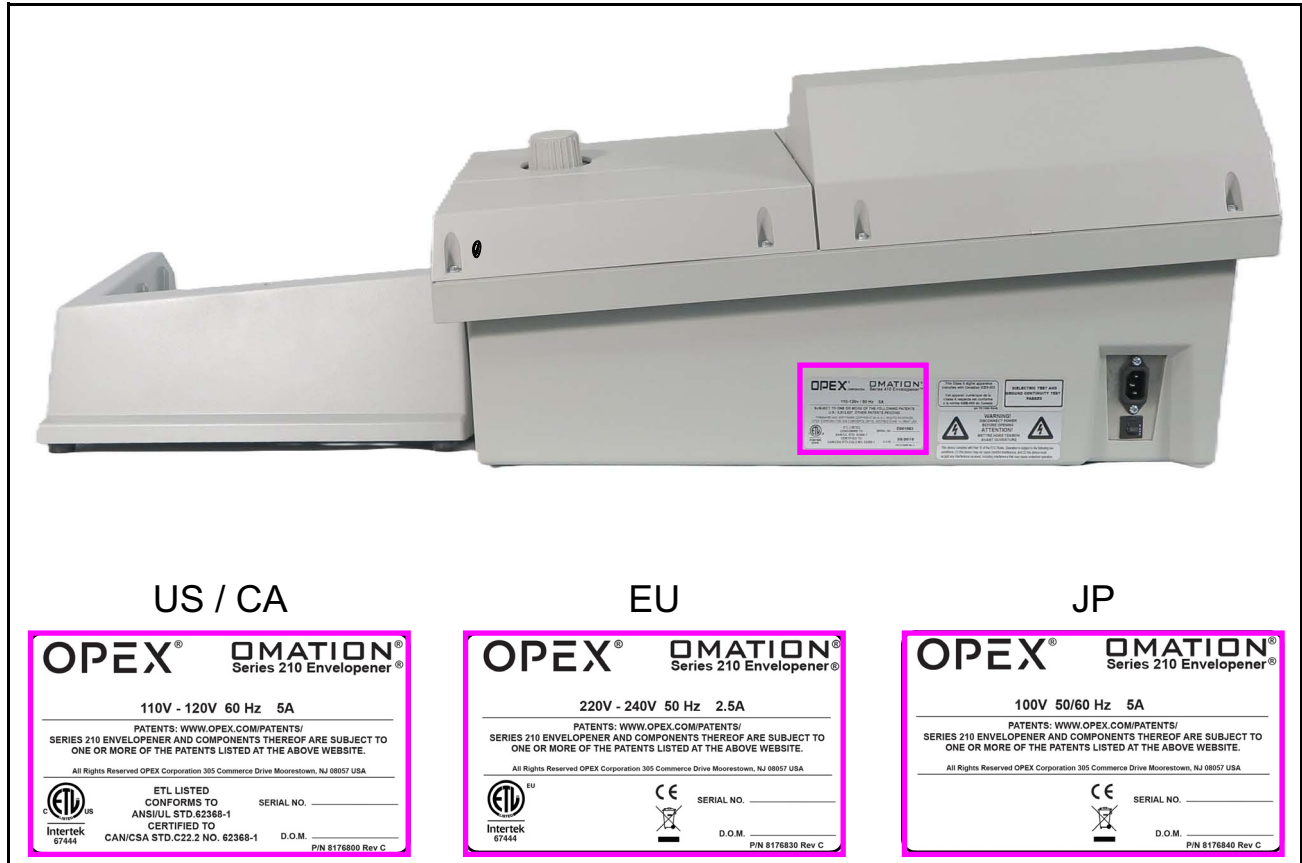


Figure 1-8: Ratings / Serial number label

1.6.7. Service Label

Location: The right side of the Series 210 (Figure 1-9).

Purpose: Provides contact information and reference serial number to qualified personnel maintaining the Series 210.



Figure 1-9: Service Label

1.6.8. ICES-003 label

Location: Rear of North American machines only (Figure 1-10).

Purpose: This label identifies compliance with Canadian ICES-003.



Figure 1-10: Canadian ICES-003 label

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2.1. Main Controls and Components

The Omaton® Series 210™ Envelopener™ (referred to as “Series 210”) is a high-speed envelope opener that can open and count envelopes. Features include:

- Advanced self-adjusting feeder for efficient mixed mail opening
- Milling cutter that can remove as little as 0.010” of a chip (the thickness of three sheets of paper)
- Enhanced chip management/chip capacity
- Three depths of cut and a no cut option
- Large variety of mail types

Please take time to familiarize yourself with the various parts of the Series 210 (shown in Figure 2-1), which are referred to throughout this manual.

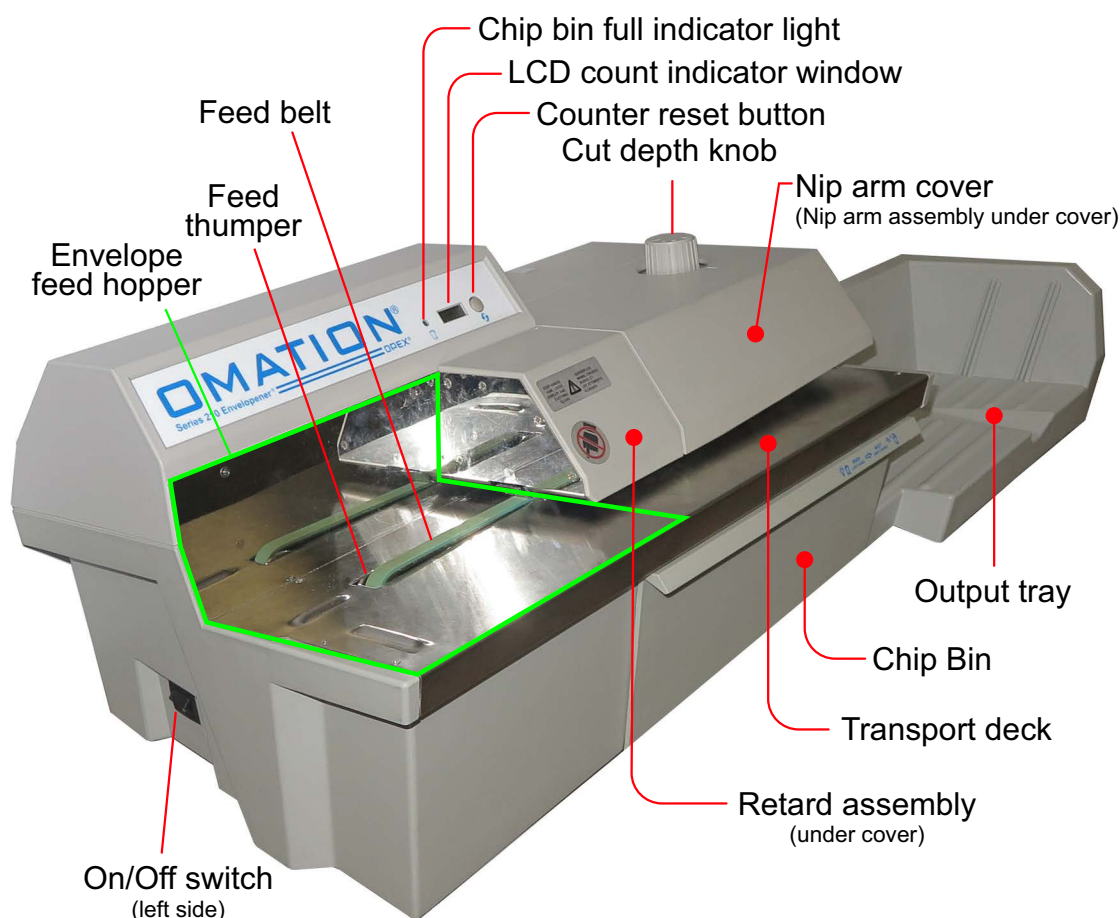


Figure 2-1: Main Components Front View

2.2. Equipment Serial Number Locations

Before contacting OPEX Technical Support, locate the Model Serial number label or Service tag (OPEX direct sales only) on your machine so that you can provide the assisting technician with your reference serial number. The locations of these labels is shown in Figure 2-2.



Figure 2-2: Model Serial Number label and Service Tag

2.3. Specifications

Table 2-1: Series 210 Specifications

Specification	Value
Processing Speed	Up to 400 envelopes / minute (using 6" envelopes)
Envelope Specifications	Min. length: 3.50" Max. length: 14.00" Min. height: 3.00" Max. height: 9.50" Thickness: Up to 0.188" (4.8 mm)
Default Cutter Settings	<ul style="list-style-type: none">• No-cut setting• Cut depth 1 = 0.010" (0.254mm)• Cut depth 2 = 0.014" (0.356mm)• Cut depth 3 = 0.060" (1.524mm) <p>Note: The cut adjustment screw changes the cut depth 0.0044" for every ¼ turn of the screw. Cut depths range from 0.01"- 0.07" (0.25mm - 1.79mm)</p>
Physical Dimensions	Height: 14.3" (363.22 mm) Length: 44.03" to 42.3" (1023.62 mm to 1074.42 mm) Depth: 16.5" (419.1 mm) <ul style="list-style-type: none">• with power cord connected: 18" (457.2 mm) Weight: 53 lbs (24.04 kg) with cord and catch tray

Table 2-2: Electrical Requirements

Specification	Value
Power	<ul style="list-style-type: none">• US / CA: 100-120 VAC, 60HZ, 5A• EU / AU: 220-240 VAC, 50HZ, 2.5A• JP: 100 VAC, 50/60HZ, 5A

Table 2-3: Environmental Specifications

Specification	Value
BTU Rating	<ul style="list-style-type: none">• US / CA/ EU / AU: 2050 BTU/hour• JP: 1708 BTU/hour
Operating and Storage Temperature range	40°F – 100°F(4.4°C – 37.8°C), Humidity 10 – 90% Non-condensed.
Decibel Rating	Does not exceed safety standard of 80 dB.

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3

3. Operation

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3.1. Operation

3.1.1. Order of Operation



WARNING

Read and follow all information in [Chapter 2: "Safety"](#) before attempting to operate this equipment.

1. Connect the power cord to the back of the machine (Figure 3-1), and plug the other end into an AC-supplied outlet.



Figure 3-1: AC input on back

2. When you first connect the power cable, the Yellow Chip Bin Full Indicator Light will flash (Figure 3-2). This is because the machine cannot determine if the chip bin is full and needs to be emptied.

Open the Chip Bin and empty the chips (if any). Removal and replacement of the chip bin (Figure 3-3) resets the indicator. An internal counter (not the one on the display) will count up to 3500 envelopes before flashing again, to inform you to empty the chip bin.

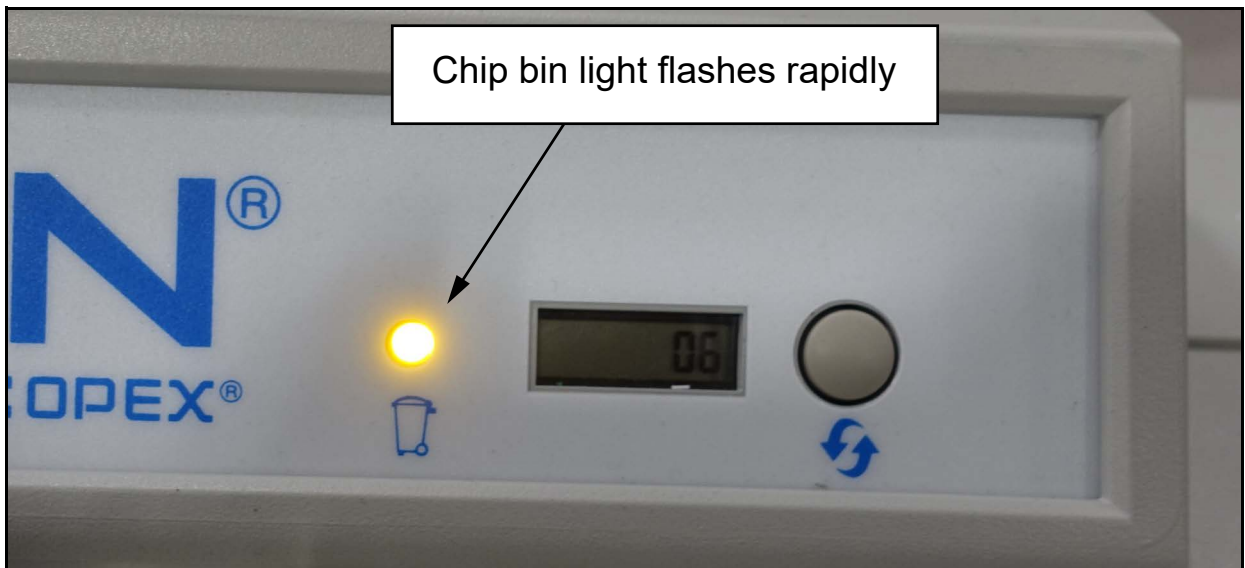


Figure 3-2: Flashing chip bin light



Figure 3-3: Opening the Chip Bin tray

3. Connect the output tray on the right side of the machine ([Figure 3-9 on page 42](#)).
4. Turn the cut depth knob to the smallest circle next to the bar for a Standard Cut (Figure 3-4). It is recommended that the user select this setting first to cut the envelopes to reduce the chance of cutting the contents.

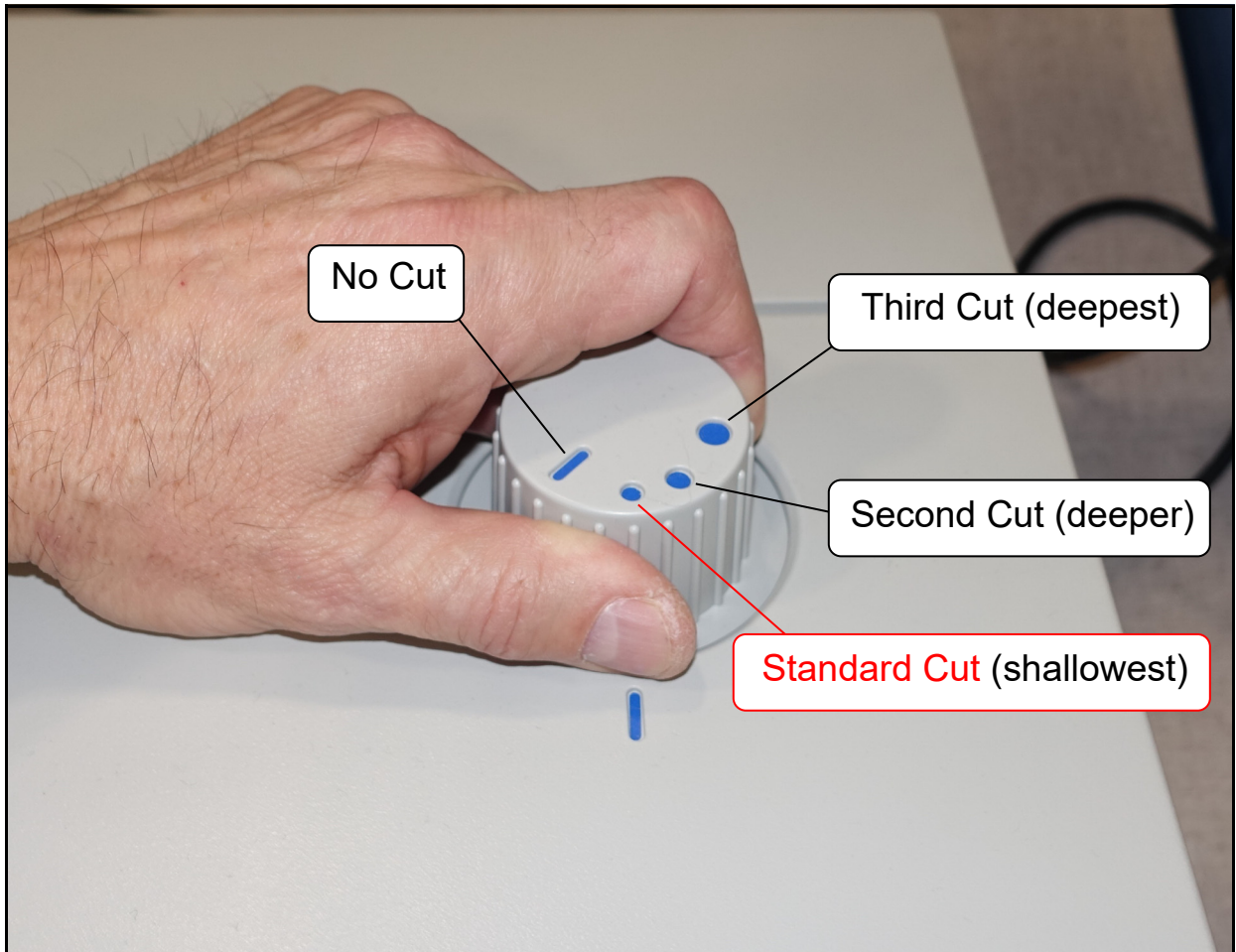


Figure 3-4: Cutter depth knob

- If you find incomplete cutting, use the second cut setting.
- The third depth is for envelopes with glued edges, or to be used if the second is not opening the envelope.
- The No Cut position is normally used when only counting the mail.

Note: *More accurate counting is achieved with smaller stacks of mail.*

5. Reset the Counter by pressing and holding the Counter Reset button next to the LCD display (Figure 3-5).



Figure 3-5: Counter reset button

6. Press the AC power switch on the left side of the machine to power on the machine (Figure 3-6).



Figure 3-6: AC power switch

The mail stack can be placed on the feeder while it is stopped, but it will perform better if the machine is on when the mail is put on the feed belt. It is also better to put the mail on the belt without dropping or throwing it.

7. Put a handful of mail (approximately 25-50 pieces) flush against the back of the feed hopper and the side wall, and then release the stack when the front edge of the mail is $\frac{1}{2}$ to $\frac{3}{4}$ of an inch above the transport deck (Figure 3-7).



Figure 3-7: Loading the Envelope Feed Hopper

The Feed Thumper (a rotating cam shown in Figure 3-8) helps to jog the mail for improved feeding.

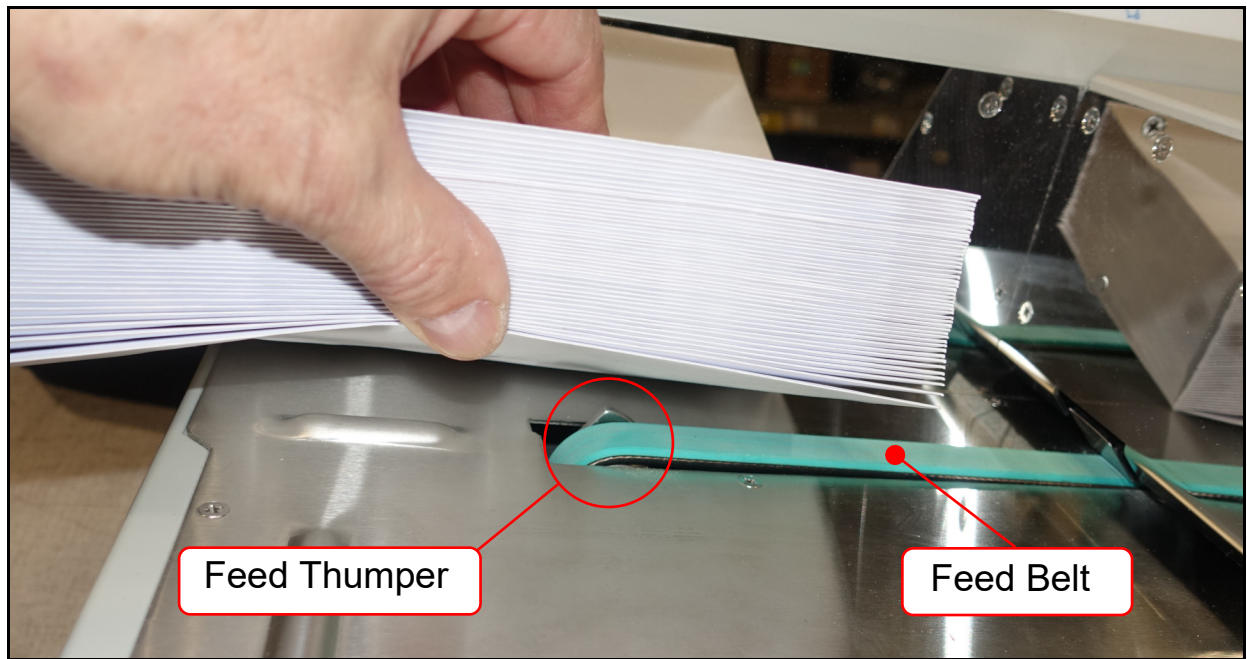


Figure 3-8: Feed Thumper

8. The Feed Belt pulls the mail into the retard assembly where it is singulated (separated one at a time).
9. The envelope then passes under the cutter where it is cut if desired.
10. The envelope is then passed through the counter sensor and counted (the mail is always counted even if it is not cut).
11. The envelope then moves into the mail output tray.
12. Once the Envelope Feed Hopper is empty, empty the output tray.
13. To continue processing, repeat the above steps.

3.1.2. Output tray position

The position of the output tray can be adjusted for processing larger envelopes. Simply lift the output tray up, move it to the desired position, and press it down onto the stepped tray hitch (see Figure 3-9).

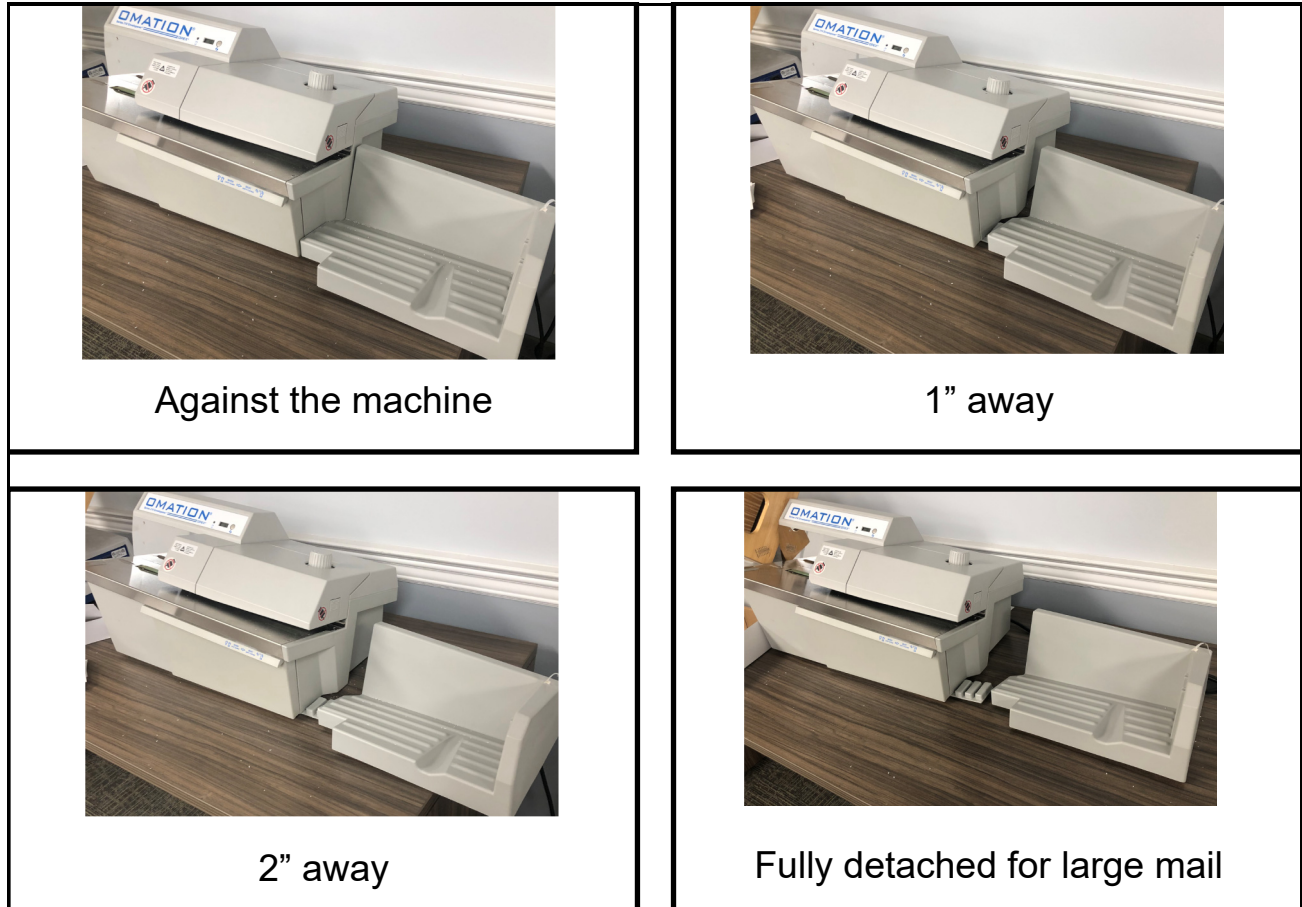


Figure 3-9: Output tray positions

Note: [Click here](#) to return/go to the “Order of operation” steps.

3.1.3. Clearing jams

From time-to-time, you will experience the inevitable jam. A “jam” refers to any occurrence that causes the machine to stop, not necessarily because an item is physically jammed in the machine. You may have to remove the nip arm cover. This is explained in [“Maintenance” on page 45](#).

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4. Maintenance

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4.1. Cleaning the Series 210

To keep the Series 210 in good working order and prolong lifespan, it is recommended that the following cleaning procedure be performed daily:

1. Unplug the power cord.
2. Press the catch release button on the right side of the cover until a “click” is heard and lift the right side (Figure 4-1).

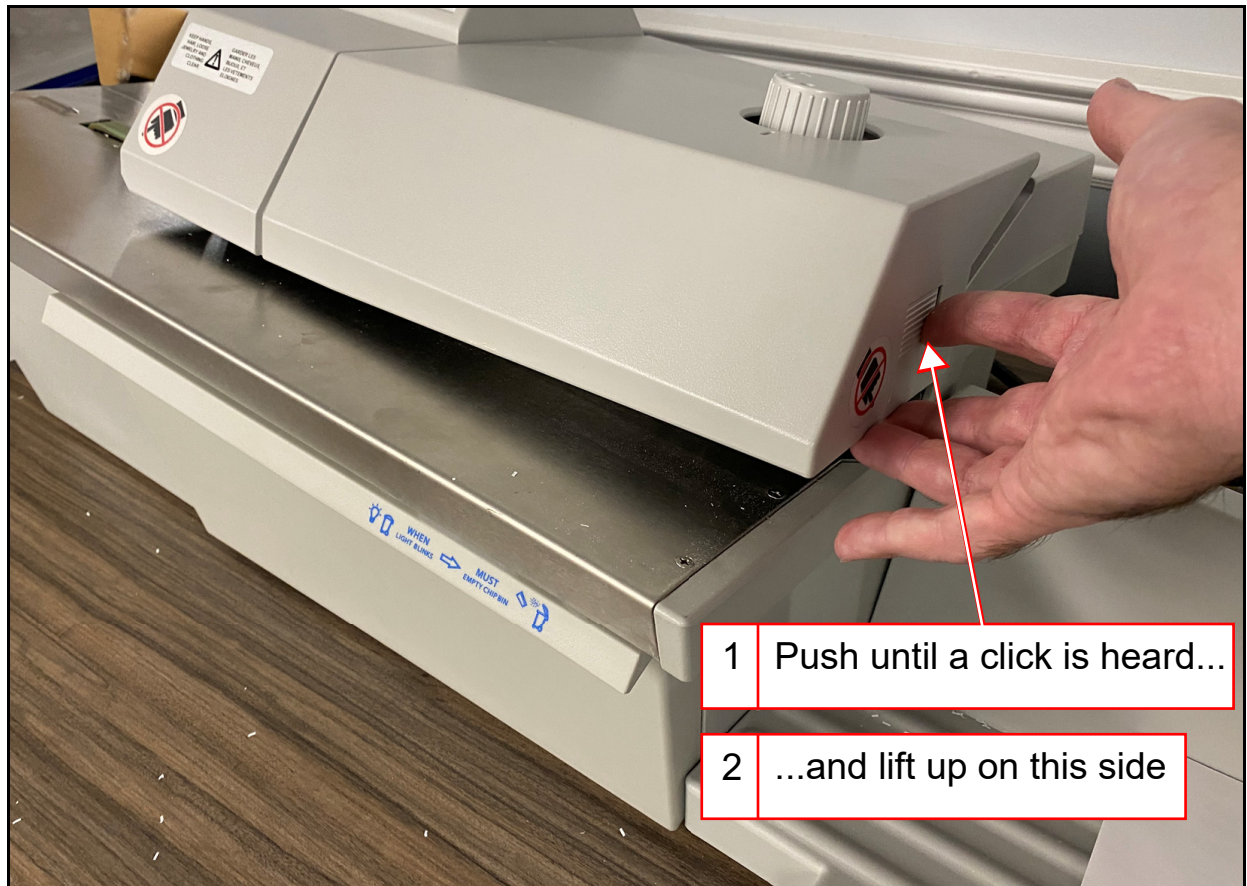


Figure 4-1: Pressing the catch release button

3. Continue lifting the cover off on the left side to remove it (Figure 4-2).



Figure 4-2: Lifting the Nip arm cover

Note: If you were referred to this section from “Adjusting Cutter Depth,” [Click here](#) to return to that section.

4. Lift the Nip arm wheels to clean under them (Figure 4-3).



Figure 4-3: Cleaning under the nip wheels

5. Remove and empty the chip bin.
6. Vacuum loose paper chips and debris from the machine.
7. Use a cloth moistened with liquid cleaner to wipe down the exterior of the machine.
 - Use denatured alcohol on areas with stains, if necessary.
 - Any non-flammable commercially available cleaning solution may be used to clean the machine. When cleaning the Series 210 Envelopener, DO NOT USE aerosol cleaners or compressed air because of the flammable nature of many of these products. There is a risk of equipment malfunction and/or injury associated with the use of aerosol cleaners on OPEX equipment prior to the operation of equipment.
 - When cleaning glass and plastic surfaces, use detergent-based cleaners such as Fantastic™ or Formula 409™. Detergent-based cleaners are recommended, because they do not cause component degradation.
 - Wipe dust and debris from the sensors. Debris build-up can cause jams. Accumulations of dirt and debris can cover sensors, preventing them from working effectively. This will hinder machine performance.



CAUTION

A cloth soaked with cleaning detergent or similar material should never be used to clean an object such as a belt or roller when the belt or roller is being driven by the system. Use of a cloth or similar material on moving mechanisms can result in personal injury. If a belt, pulley or similar part needs to be cleaned, it should be cleaned while stationary or unplugged.

8. Re-install the chip bin and nip arm cover.

4.2. Cutter Adjustment

The cutter depth has been adjusted from the factory and should not need to be adjusted. If you find that mail is not being opened on cutter setting 1 and 2, the cutter can be adjusted.

To adjust the cutter depth:

1. Set the Cut knob to the “**Standard Cut**” position (Figure 4-4). This position should always cut standard mail deep enough to remove the contents but **not cut** any of the contents. This position will be our reference for the adjustment.

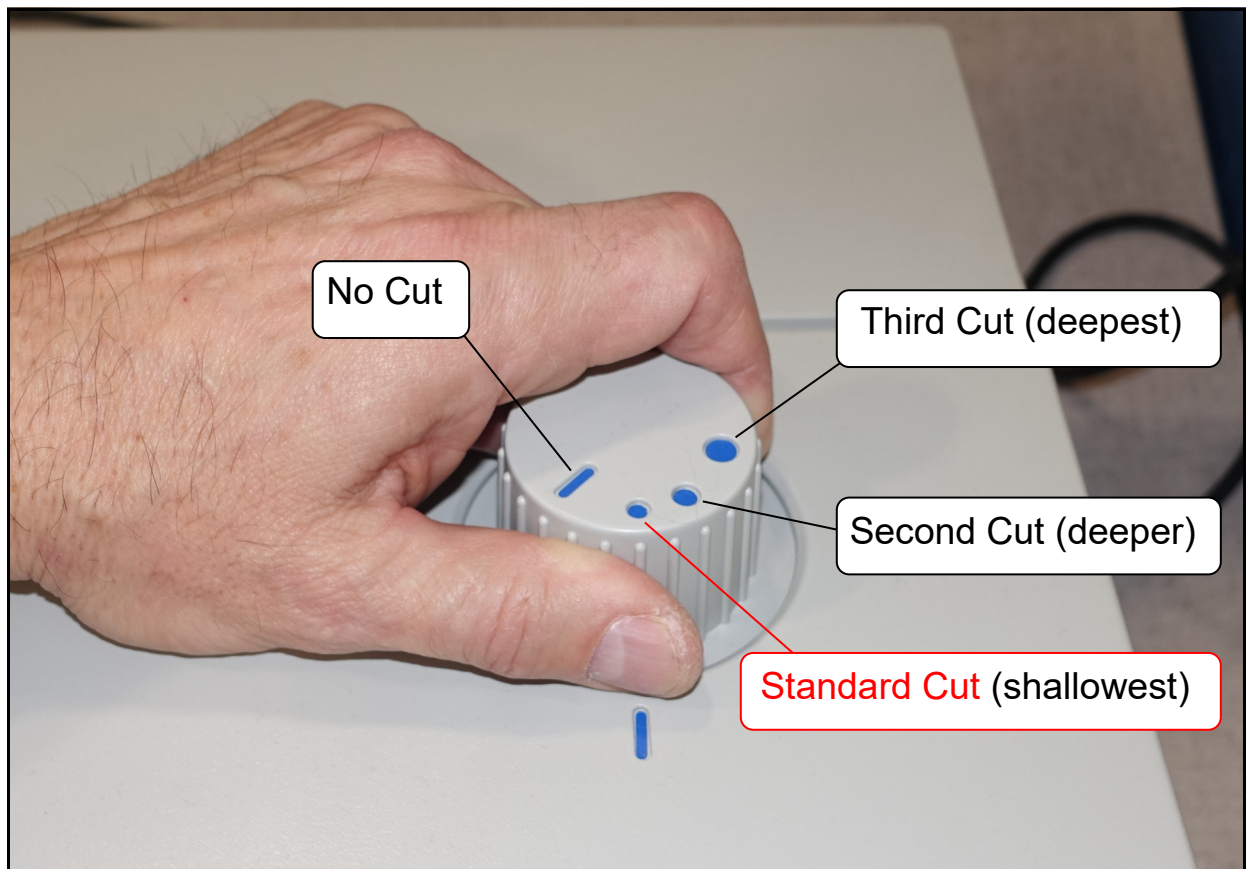


Figure 4-4: Standard Cut position

2. Remove the nip assembly cover (See [“Cleaning the Series 210” on page 46](#)).

3. To deepen the cut, begin by turning the cutter depth screw 1/4 turn to the right using a Phillips screwdriver (Figure 4-5).

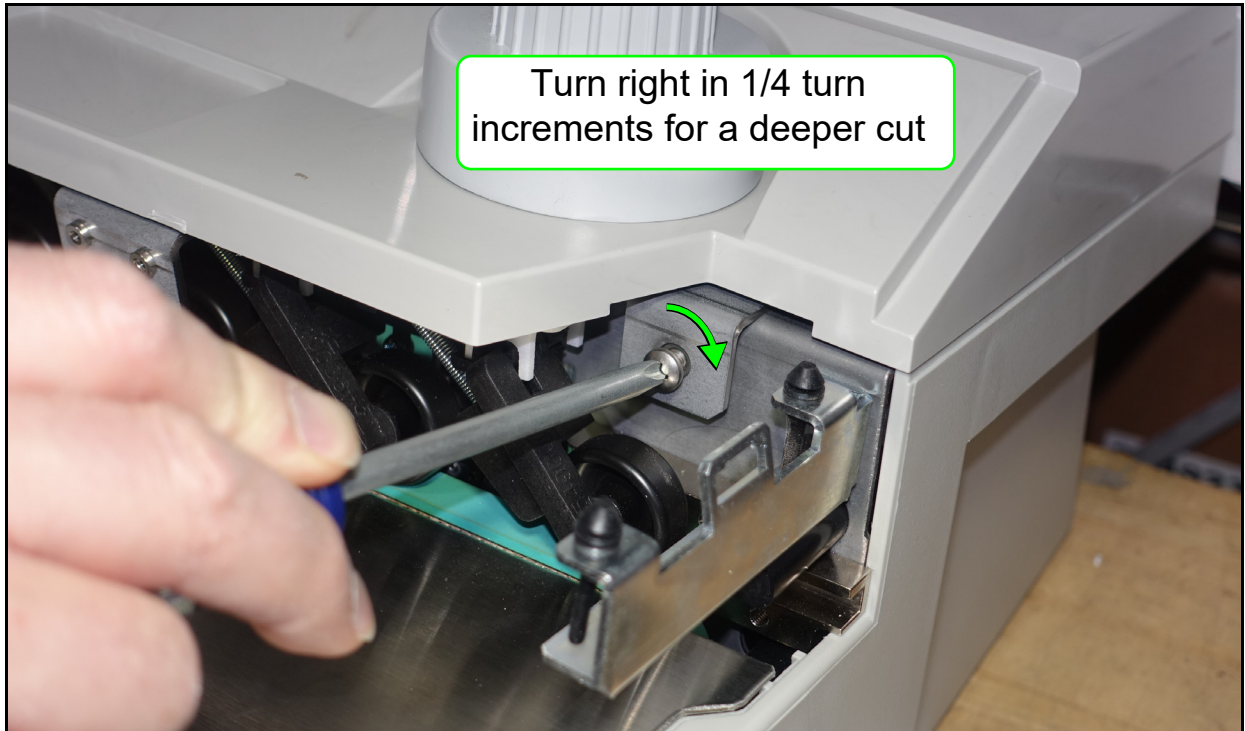


Figure 4-5: Adjusting the cutter depth

4. Replace the cover and run an envelope through to verify if it has been cut.
5. Repeat steps 3 and 4 until the envelopes are being cut open. If you find the cut is too deep, turn the screw to the left in 1/4 turn or smaller increments until you have the envelope being cut without cutting the contents.

4.3. Resetting the Circuit Breaker

1. If the machine has no display and is plugged in and turned on, check the circuit breaker on the back of the machine.
The circuit breaker shown in Figure 4-6 has been tripped and is open.



Figure 4-6: Open circuit breaker

2. Unplug the power cord and push the circuit breaker toward the machine to close it (Figure 4-7).

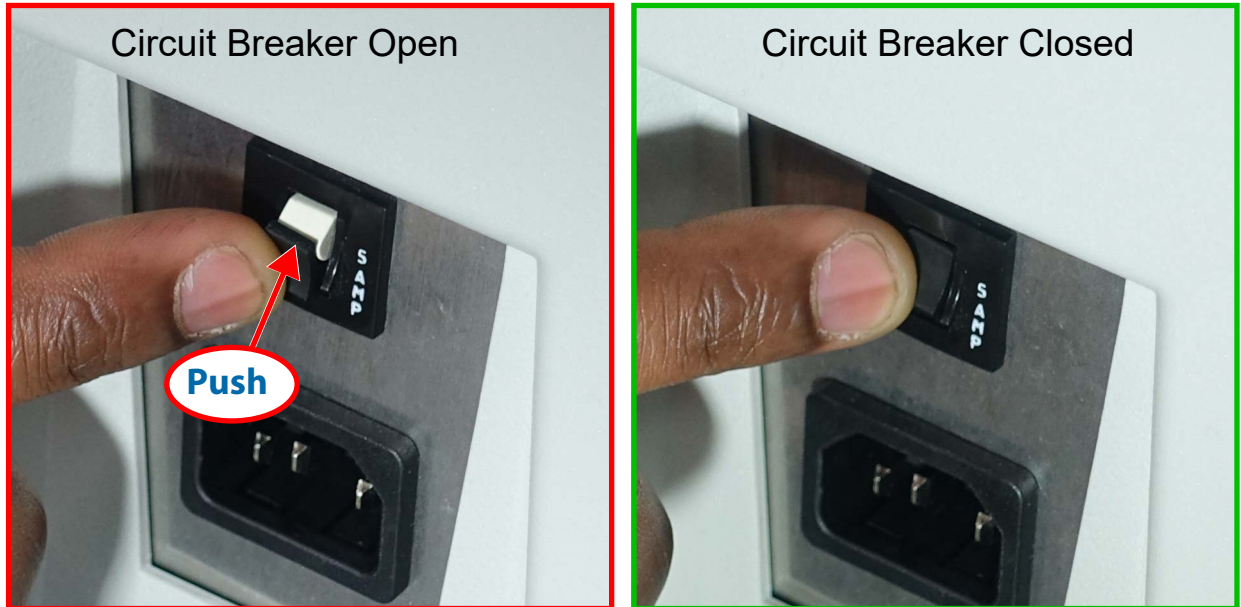


Figure 4-7: Closing the circuit breaker

3. Plug the power cord back into the machine.
4. Verify the machine has power and operates normally.
If the circuit breaker pops back out, call OPEX to have the machine serviced (See [“Contacting OPEX” on page 2](#)).

5

5. User Replaceable Parts

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5.1. Overview

The parts on the following pages can be replaced by the user. If you're viewing the electronic version of the manual on a tablet, tap the circle pointing to the part to jump to the page the part details are on (Figure 5-1).

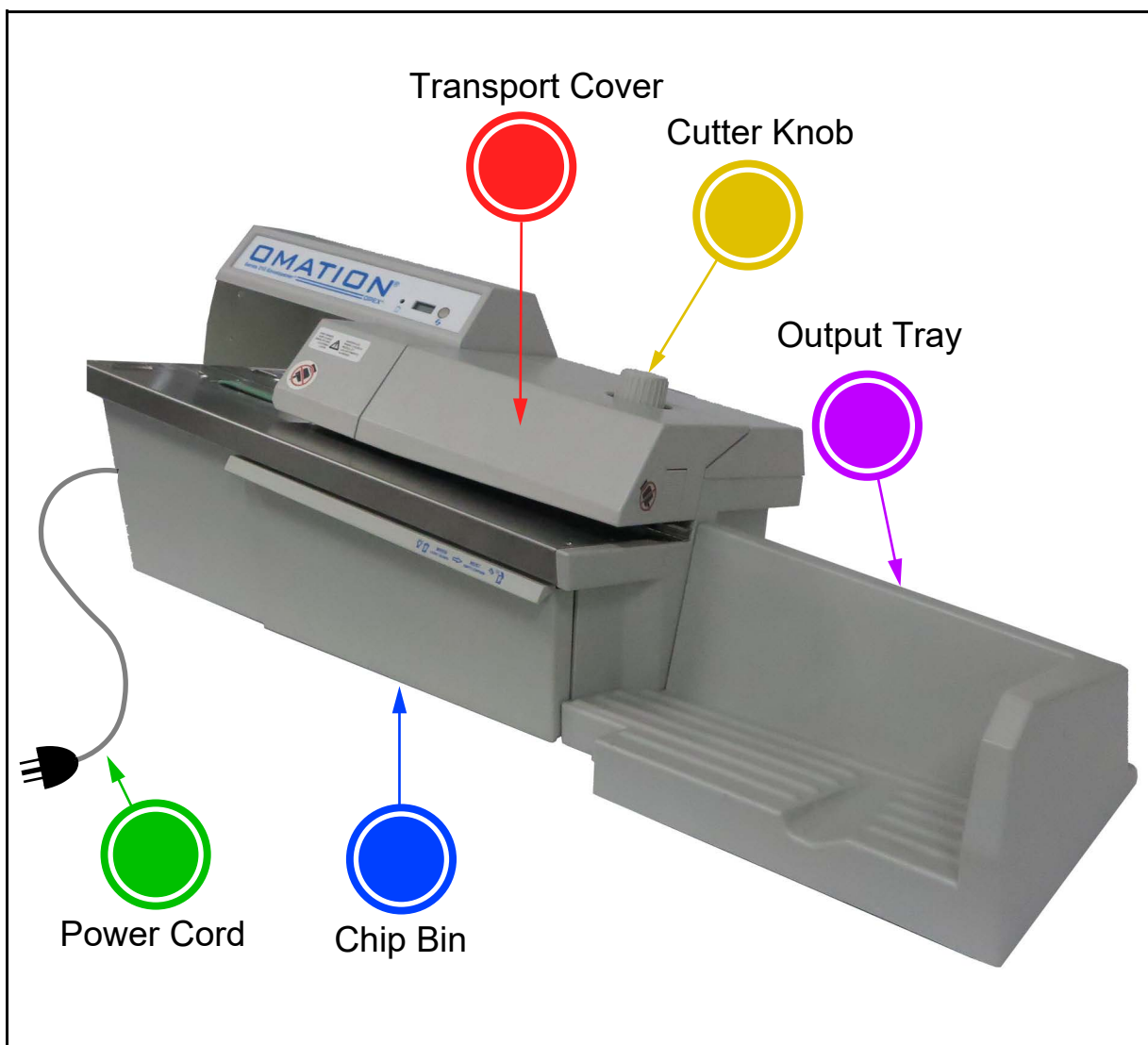


Figure 5-1: User Replaceable Parts

5.1.1. Cutter Depth Knob



Figure 5-2: Cutter Depth Knob (8067050)

5.1.2. Chip Bin Tray

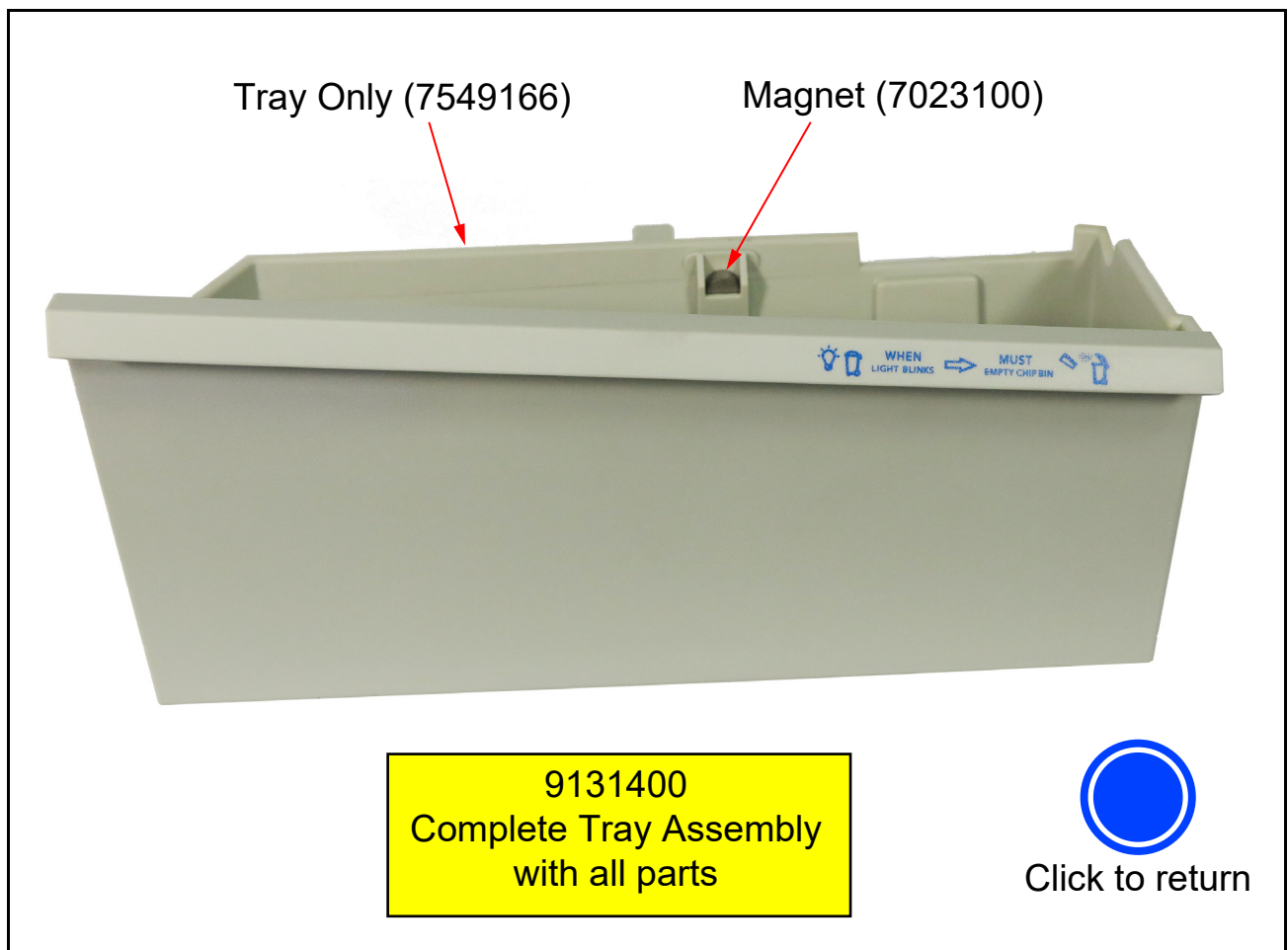


Figure 5-3: Chip Bin Tray Assembly

5.1.3. Output Tray

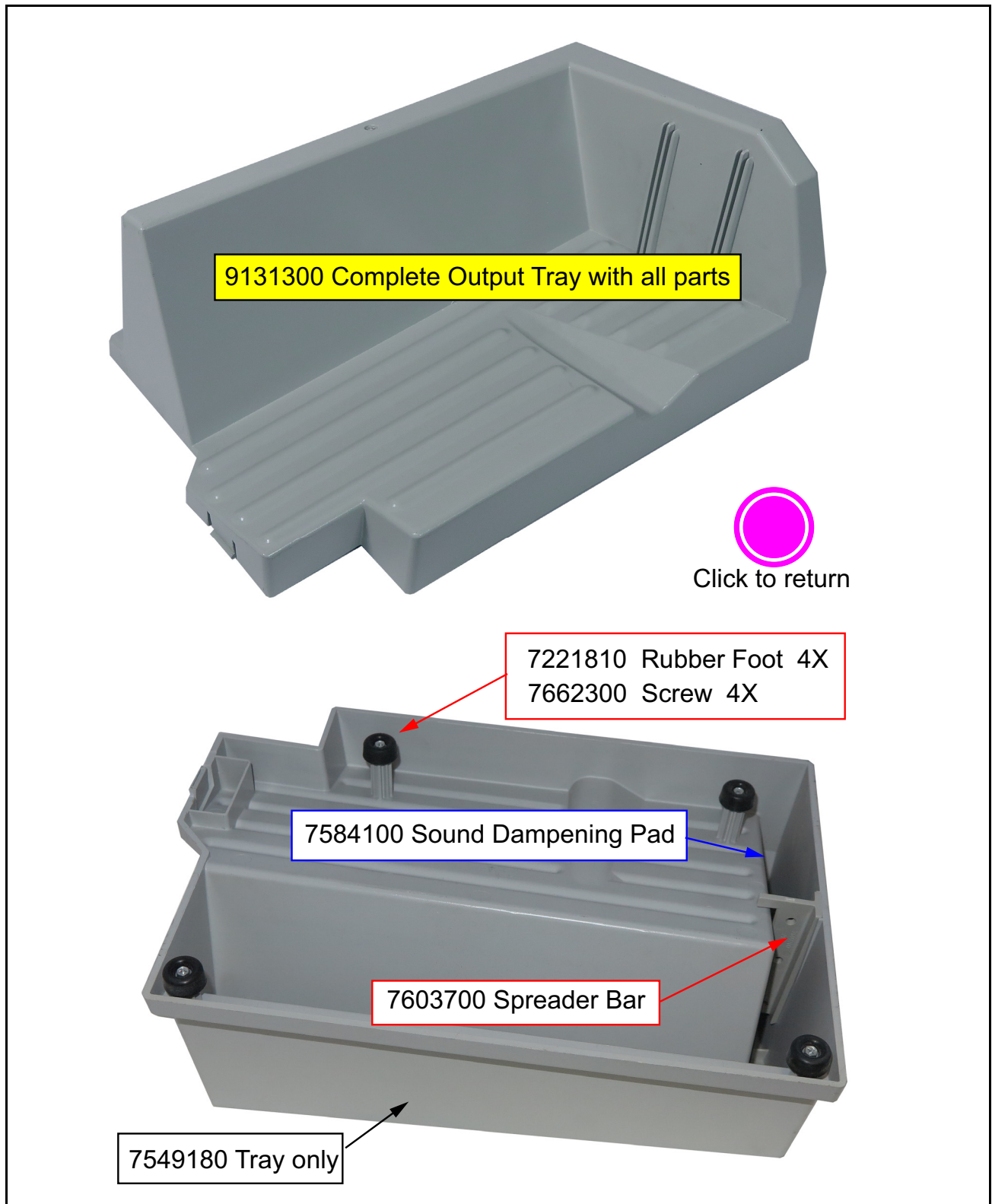


Figure 5-4: Output Tray Assembly

5.1.4. Transport Cover

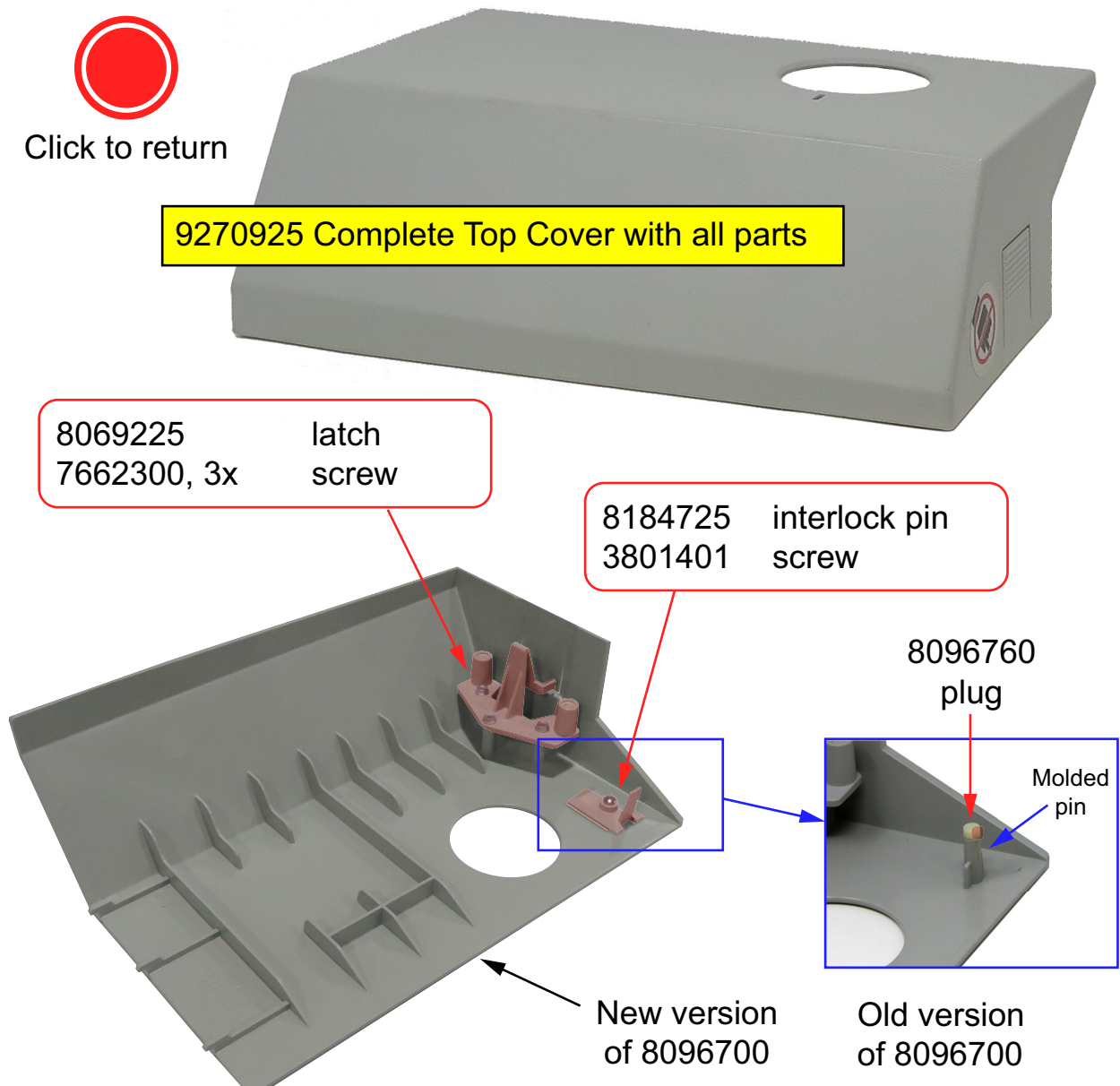


Figure 5-5: Transport Cover

Note: Earlier versions of the transport cover had the interlock pin as a molded feature integrated into 8096700. If the molded pin breaks on an old 8096700 cover, then you will need to order the complete top cover (9270925).

5.1.5. AC Power Cords

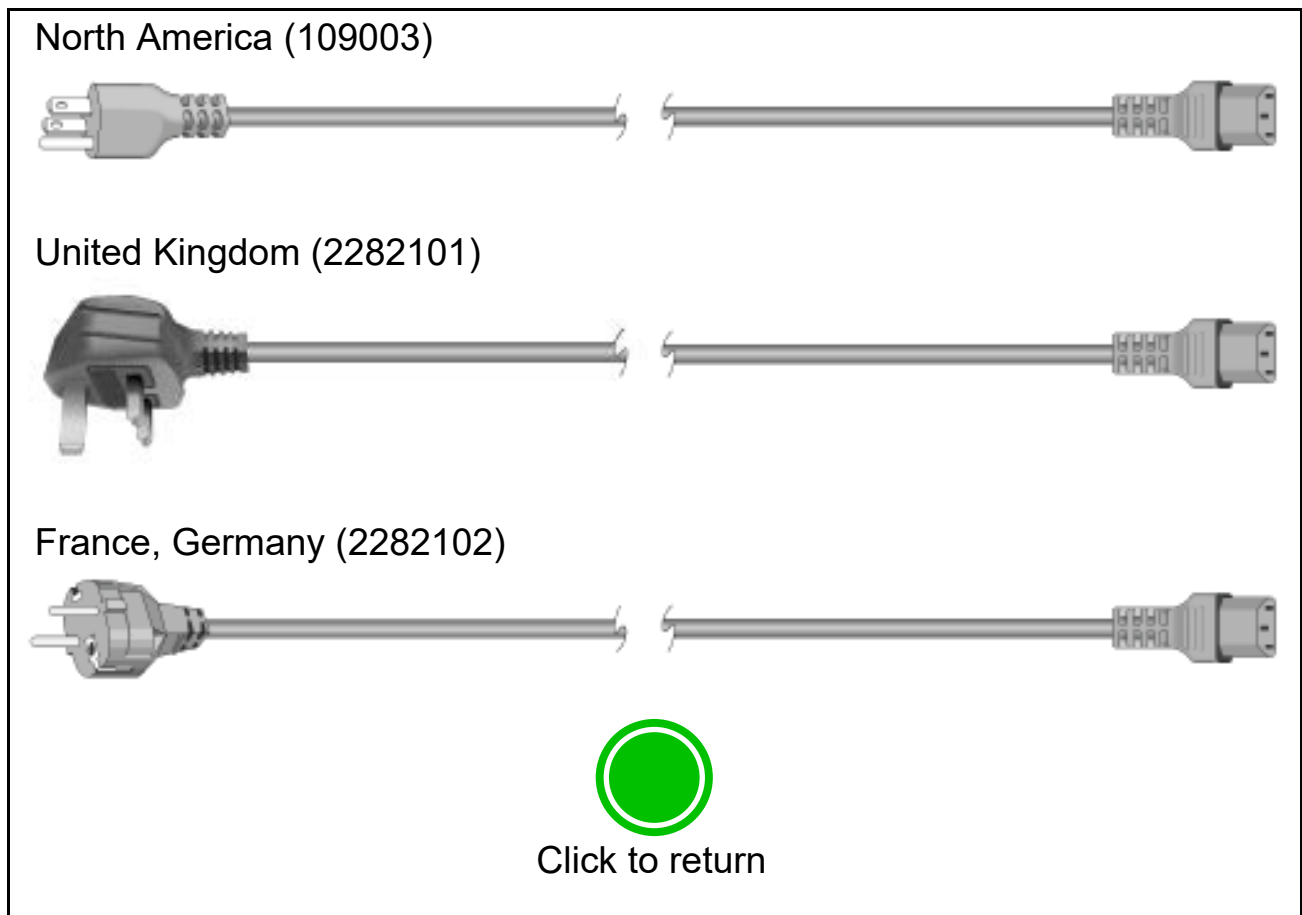


Figure 5-6: AC Power Cords

5.1.5.1. Additional Power Cords

- Australia (109008)
- Denmark (109015)
- India, South Africa (109016)
- Switzerland (109018)
- Italy (109019)
- Japan (2952200)

G. Glossary

Omatic® Series 210™ Envelopener™

Operator Manual

G.1. List of Terms

The following list of terms, used throughout the Ovation® Series 210™ Envelopener™ documentation, is sorted alphabetically.

Cam - A rotating wheel with the axle not in the center transforming rotary motion into linear motion.

Chip bin - Collects cuttings discharged from the cutter.

Chip bin indicator light - Indicates if the chip bin is full.

Circuit breaker - A button that acts as a fuse but can be reset by pressing it.

Counter reset button - This button resets the counter to zero.

Cutter depth knob - The knob used to set the depth of cut.

Denatured Alcohol - A type of alcohol that can be used for cleaning the outer surfaces of the machine that leaves no residue.

Envelope Feed Hopper - The area where the envelopes are stacked to be fed into the retard assembly

Envelopener - A machine that opens envelopes.

Feed Thumper - A rotating cam that helps to jog the mail for improved feeding.

Feed belt - This belt grabs the bottom envelope and pulls it into the retard assembly.

Interlock - A safety device that shuts the system down when tripped.

Jam - A problem with the system, typically (but not always) caused by a blockage.

LCD count window - Shows the total count of the mail processed since the last time it was reset.

Milling cutter - A cutter that chips away the edges of the envelope.

Nip arms - Rollers that keep the envelopes firmly pressed against the belt as they move past the cutter.

Operator - The person running the machine.

Output tray - Collects mail as it leaves the Series 210.

Retard Assembly - Separates the mail to one piece at a time as the stack of mail is pulled up to the entrance of the retard assembly.

Singulate - To separate or choose one at a time.

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About OPEX Corporation

OPEX Corporation is more than a manufacturer of machines. We continuously reimagine technology to power the future for our customers.

With an innovative approach, we engineer unique automated solutions that support our customers so they can solve the most pressing business challenges for both today and tomorrow. Our scalable Warehouse, Document, and Mail Automation solutions improve workflow, accelerate change, and drive efficiencies in infrastructure.

We are a family-owned and operated organization with more than 1600 committed employees who innovate, manufacture, install, and service products that are helping transform industry every day. We listen to our customers, respect each other, and work together to help reimagine the future through automated solutions.

At OPEX, we are Next Generation Automation.

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