



Disassembly of Waste Electrical and Electronic Equipment (WEEE) Manual

EU Waste Electronic and Electrical Equipment Directive require producers to provide information of the different electronic and electrical materials and components found in their products at its end-of-life, and disassembly references to treatment and recycling facilities.

1. Product information
2. Materials and components list for selective treatment
3. Disassembly tools
4. Disassembly references

The following information is intended only for the use of recognized treatment and recycling facilities.

Section 1: Product information

Model name(s) — The product models are grouped together in series and are mechanically equivalent.

Lexmark CS963
CS963e, CS963g

Lexmark CX96nse
CX961se, CX961g, XC9635, CX962se,
CX962g, XC9645, CX963se, CX963g,
XC9655

Lexmark CX96ntse
CX961tse, CX962tg, CX962tse, CX962tg

Lexmark CX96nxse
CX963xse, CX963xg

Lexmark CX833se
CX833se, CX833g, XC8355

Lexmark CX833xse
CX833xse, CX833xg

Section 2: Materials and components list for selective treatment

Table 2: Materials and components list for selective treatment

Description	Count	Notes
Polychlorinated biphenyls (PCB) containing capacitors	0	N/A
Mercury containing components, such as switches or backlighting lamps	0	N/A
Batteries	1	***** <u>Total Count = 1</u> ***** Lithium Manganese Oxide coin cell located on the Controller card
Printed circuit boards greater than 10 cm ²	multiple	***** CS963 Minimum Count = <u>12</u> CX96nse Minimum Count = <u>20</u> CX96ntse Minimum Count = <u>21</u> CX96nxse Minimum Count = <u>23</u> CX833se Minimum Count = <u>20</u> CX833xse Minimum Count = <u>23</u> For details, see Annex B ***** Options: 1 – Hard drive Paper handling *****
Toner cartridges, liquid and pasty, as well as colour toner	7	4 – Toner cartridge 2 – Imaging unit 1 – Waste toner bottle
<u>Plastic component(s)</u> that may contain BFR (brominated [§] flame retardants)	multiple	***** CS963 Minimum Count = <u>44</u> CX96nse Minimum Count = <u>82</u> CX96ntse Minimum Count = <u>92</u> CX96nxse Minimum Count = <u>103</u> CX833se Minimum Count = <u>82</u> CX833xse Minimum Count = <u>103</u> For details, See Annex A ***** Options: Paper handling *****
Note (§) - This product may contain plastic parts with brominated flame retardants. Recycler should treat these parts separately. See section 4.3 Disclaimer.		
Asbestos waste and components which contain asbestos	0	N/A
Cathode ray tubes	0	N/A
Chlorofluorocarbons (CFC), Hydrochlorofluorocarbons (HCFC) or Hydrofluorocarbons (HFC), Hydrocarbons (HC)	0	N/A
Gas discharge lamps	0	N/A
Liquid Crystal Display (LCD) greater than <u>100 cm²</u> and those back-lighted with Gas discharge lamps	0	1 (depending on model)
External electrical cables	1	Power cord located on the back lower left quadrant
Components containing refractory fibres	0	N/A
Components containing radioactive substances	0	N/A

Electrolyte capacitors containing substances of concern (<i>capacitors with height > 25 mm, diameter > 25 mm or proportionately similar volume</i>)	1	Capacitor located on Power Supply
Electrical and Electronic (EE) Customer Replaceable Paper handling devices	multiple	See Customer Replaceable Paper handling devices For details, See Annex C
Electrical and Electronic (EE) Customer Replaceable Internal/External Card options	multiple	See External Card options For details, See Annex D

Section 3: Common Tools for Disassembly

Table 3.1 - Disassembly tools

Item	Description
1	#2 Phillips screwdriver, magnetic
2	Wire cutter
3	E-clip puller or small flat-head screwdriver
4	Standard slotted head screwdriver





Section 4: Disassembly references

4.1 Removal procedure(s)

WEEE materials and components removal procedures are available upon request.

Please Contact: recycling@lexmark.com

4.2 Graphical illustration of material's and component's location

-  LCD > 100 cm²
-  PCBs > 10 cm²
-  Printer components containing Brominated flame retardants
-  Battery

4.3 Disclaimer

Statement on WEEE Bromine Levels

Manufacturer is compliant with the European Directive 2012/19/EU and European Commission's mandated technical specification CLC/TS 50625-3-1:2015 stating that plastic containing brominated flame retardants (BFR) must be removed from any separately collected WEEE (Article 8, Annex VII) if total bromine concentration in the fraction is known to be >2000 ppm, or expected to be >2000 ppm, or if it is not declared. Concentrations of bromine <2000 ppm are acceptable for reuse and do not require separation, so that the re-use and recycling of components or whole appliances is not hindered per Annex II, Section 3 of the WEEE Directive (2002/96/EU), and Annex VII, Section 3 of the WEEE Directive (2012/19/EU).

Section 5: Supplies

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components with Brominated flame retardants
- Battery

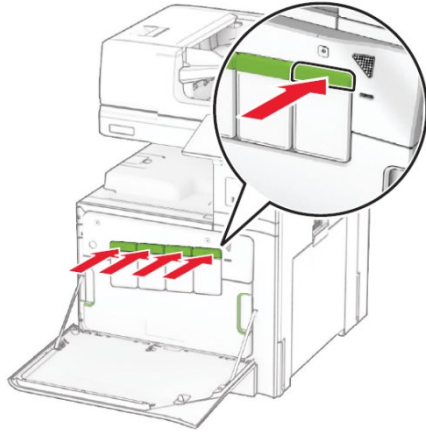


Figure 5.1: Toner Cartridge (4X)

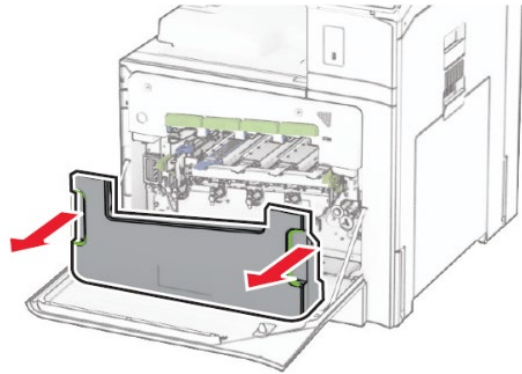


Figure 5.2: Waste toner bottle

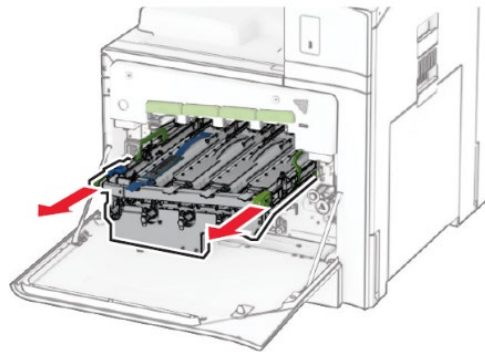


Figure 5.3: Imaging Unit (2X – mono and color combo)

Table 5: Supplies – Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
--	None
Table Component Count (without options)	
LCD>100cm ²	= 0
PCBs>10cm ²	= 0
BFR Plastics	= 0
Battery	= 0

Section 6: Control Panel

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

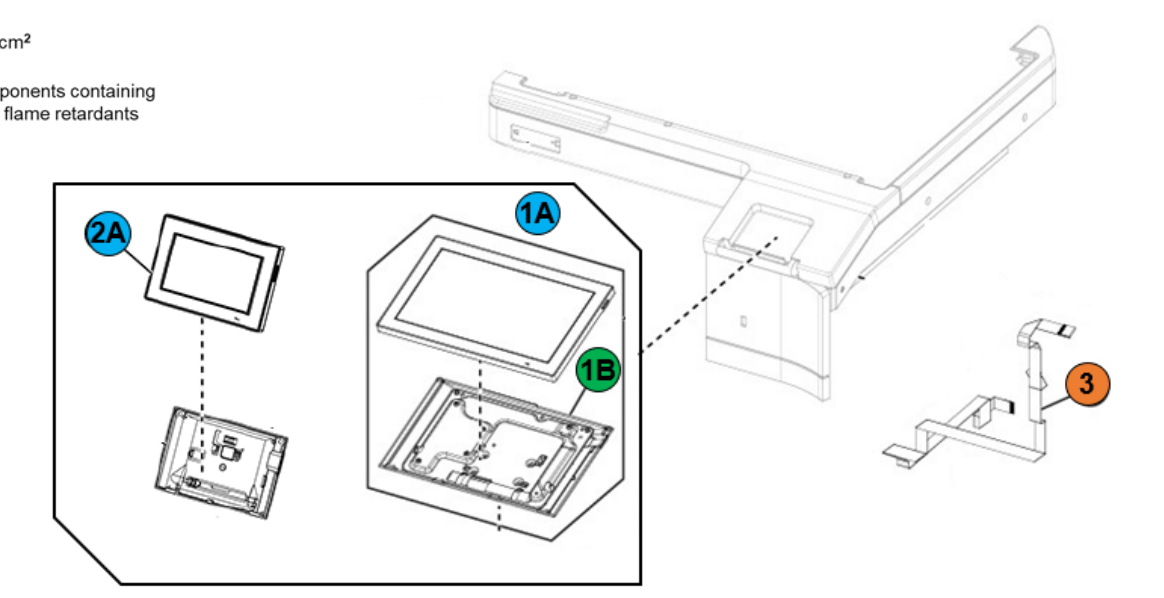


Figure 6.1: Control Panel

Table 6: Control Panel - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1A	10 in LCD display (MFP only)
1B	Display board MFP
2A	4.3 in Display (SFP only)
3	FCC cable

Table Component Count (*without options*)

LCD>100cm² = 1
 PCBs>10cm² = 0 or 1 (MFP)
 BFR Plastics = 1
 Battery = 0

Section 7: Electronics 1

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

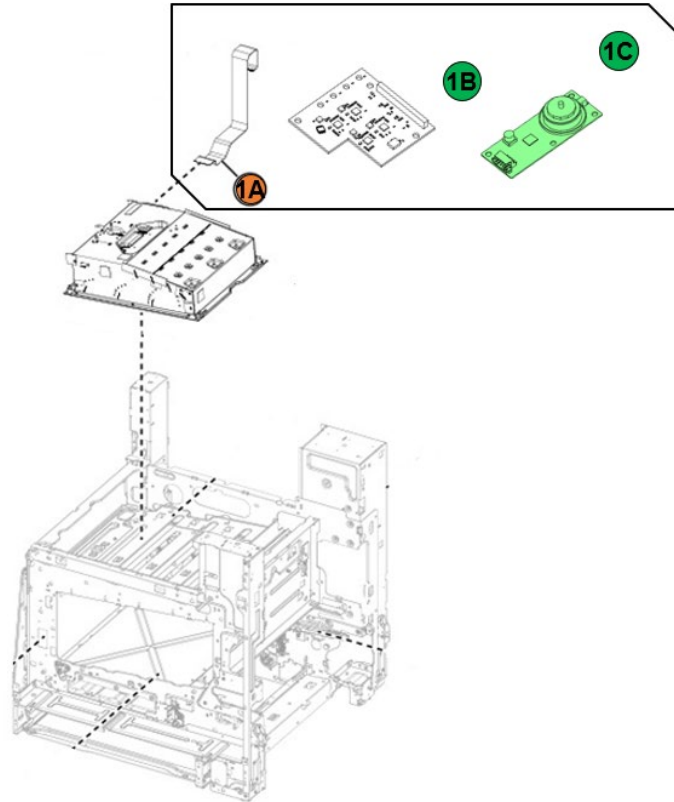


Figure 7.1: Electronics 1

Table 7: Electronics 1 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1A	FCC Cable
1B	LCU Laser PCBA
1C	Polygon Motor

Table Component Count (*without options*)

LCD>100cm² = 0
 PCBs>10cm² = 2
 BFR Plastics = 1
 Battery = 0

Section 8: Electronics 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

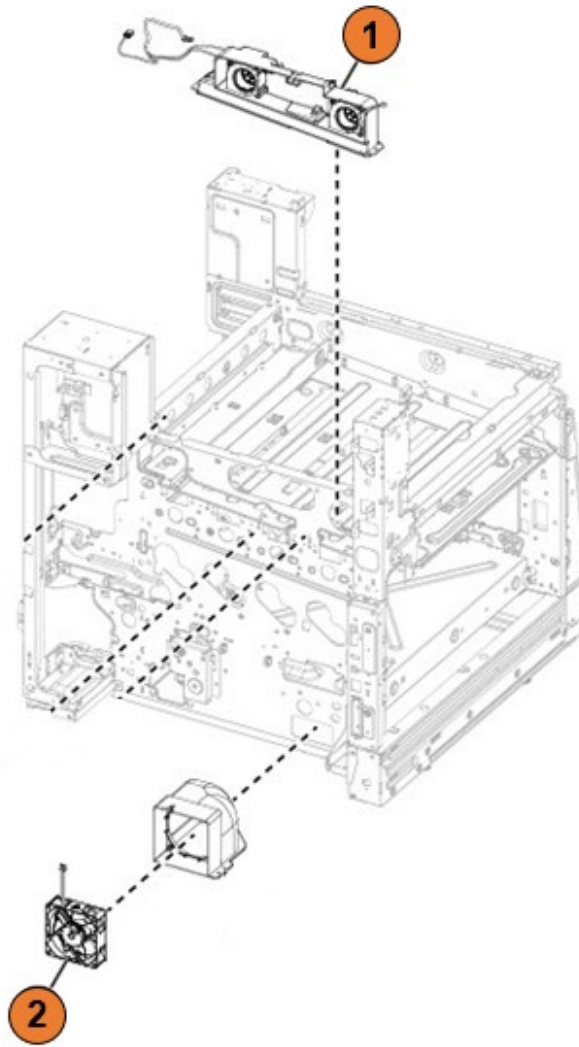


Figure 8.1: Electronics 2

Table 8: Electronics 2 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	EP cooling Fan
2	Cooling Fan

Table Component Count (*without options*)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 2
 Battery = 0

Section 9: Electronics 3

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

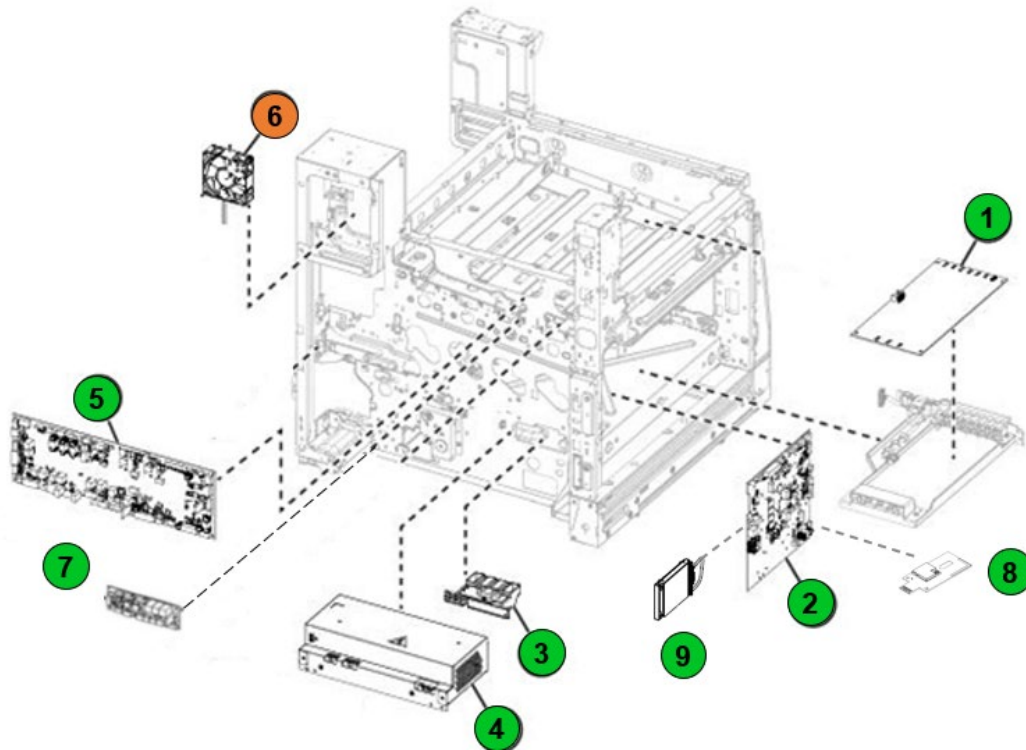


Figure 9.1: Electronics 3

Table 9: Electronics 3 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Controller board
2	HVPS
3	Imaging unit electrical contact
4	LVPS
5	Engine Board
6	Fuser Fan
7	Output option PCBA
8	WIFI card (optional TAA)
9	Hard drive (optional)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 7
 BFR Plastics = 1
 Battery = 0

Section 10: Tray feed 1

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

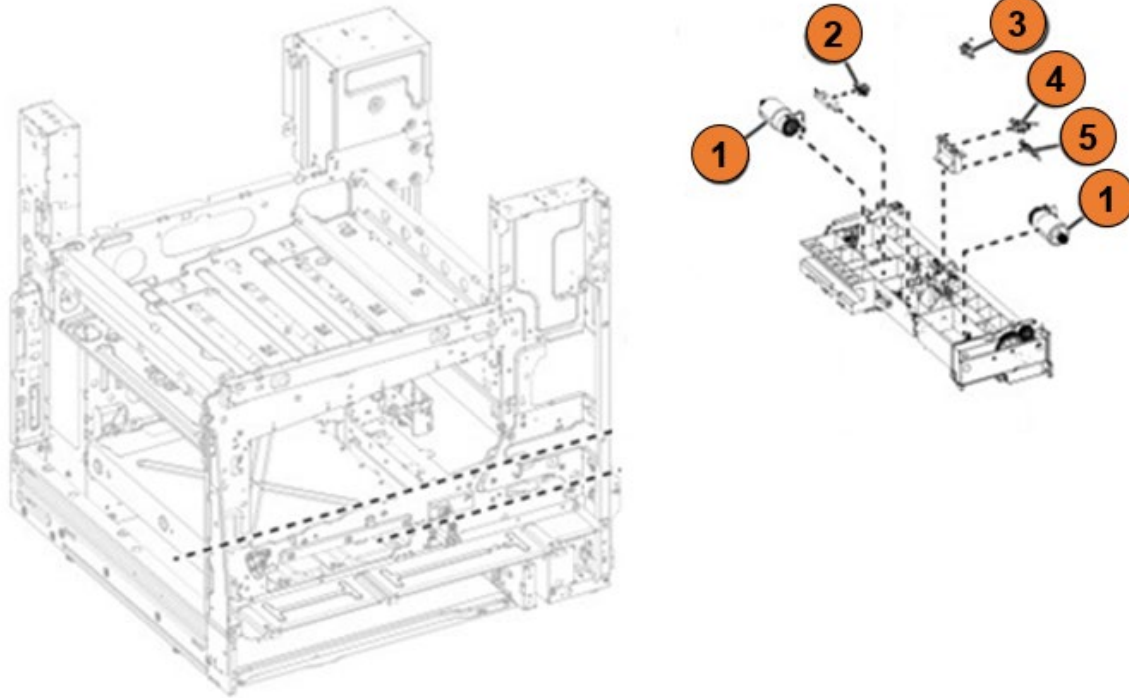


Figure 10.1: Tray feed 1

Table 10: Tray feed 1- Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	DC brush motor (2x)
2	Sensor (index)
3	Sensor (media present)
4	Sensor (input)
5	Sensor (input)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 6
 Battery = 0

Section 11: Tray feed 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

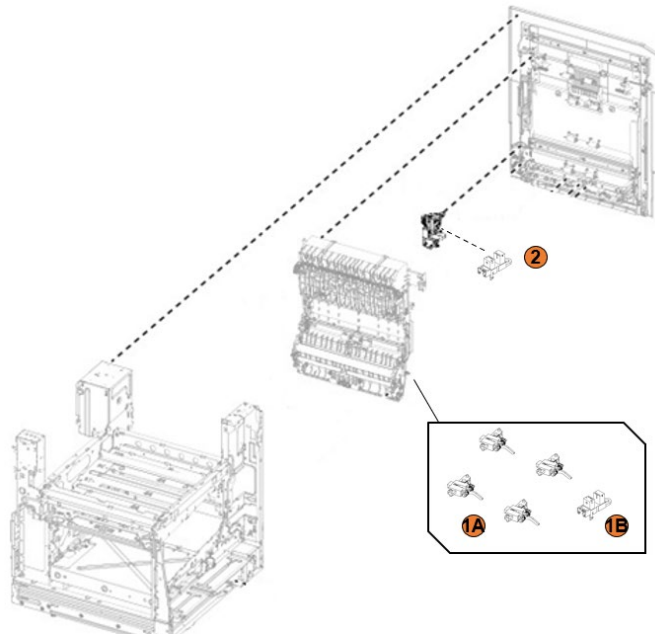


Figure 11.1: Tray feed 2

Table 11: Tray feed 2 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1A	Sensor (duplex staging) 4x
1B	Sensor (fuser buckle)
2	Sensor (photo interrupt)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 6
 Battery = 0

Section 12: Paper Path

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

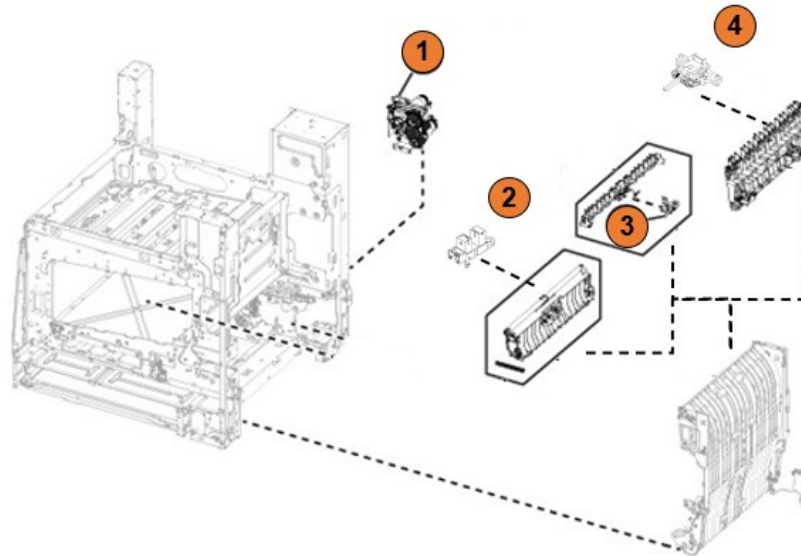


Figure 12.1: Paper Path

Table 12: Paper path - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (index)
2	Sensor (index)
3	Sensor (fuser bubble)
4	Sensor (index)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 13: Fuser

● LCD > 100 cm²

● PCBs > 10 cm²

● Printer components containing Brominated flame retardants

● Battery

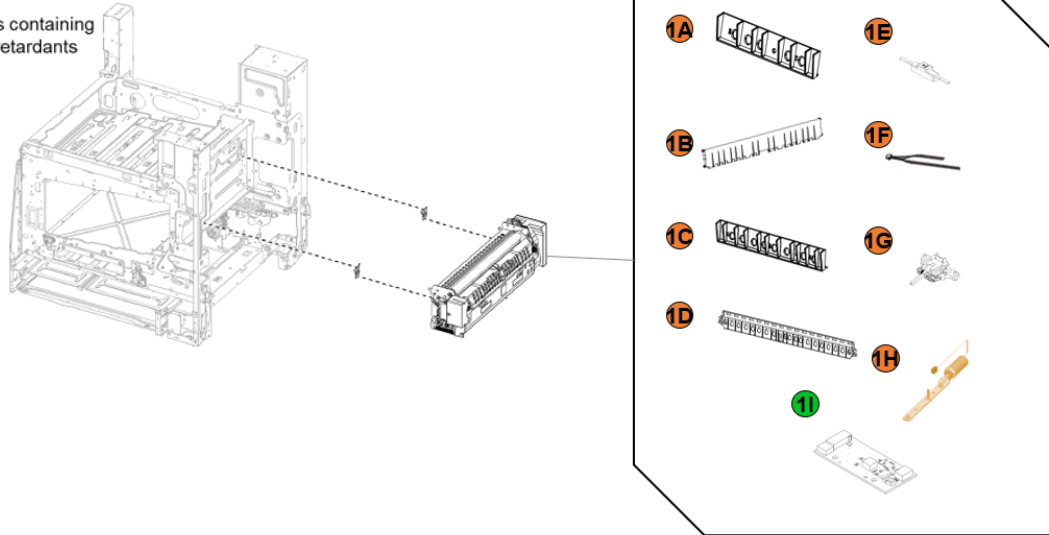


Figure 13.1: Fuser

Table 13: Fuser - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1A	Guide Exit BUR Side
1B	Guide Entry
1C	Guide BUR Side
1D	Guide Exit Belt Side Decurl
1E	Sensor (Thermister)
1F	Sensor (Thermister)
1G	Sensor (exit)
1H	Solinoid
1I	Card Fuser FIC Secure

Table Component Count (without options)

LCD>100cm² = 0

PCBs>10cm² = 1

BFR Plastics = 8

Battery = 0

Section 13: Redrive

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

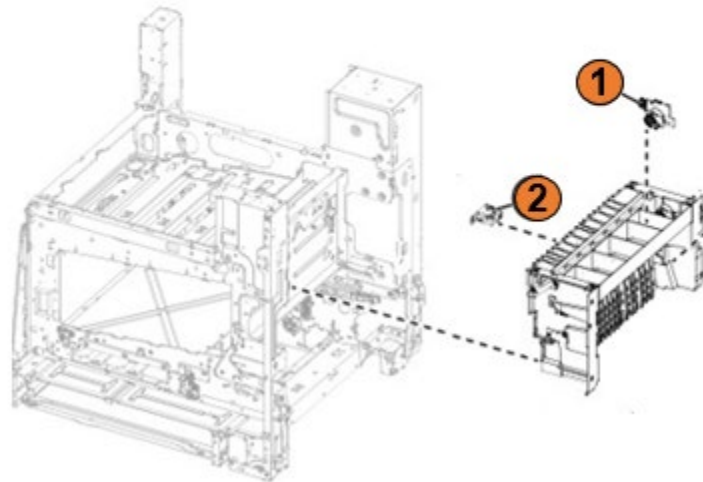


Figure 13.1: Redrive

Table 13: Redrive - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	DC Motor
2	Sensor (Bin full)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 2
 Battery = 0

Section 14: Duplex

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

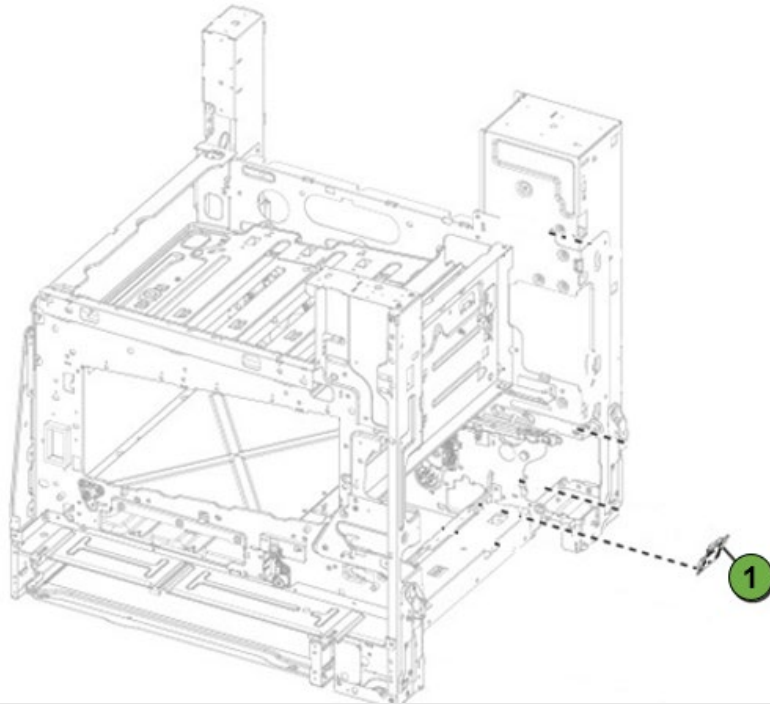


Figure 14.1: Duplex

Table 14: Duplex - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Duplex card

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 1
 BFR Plastics = 0
 Battery = 0

Section 15: Drivetrain

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

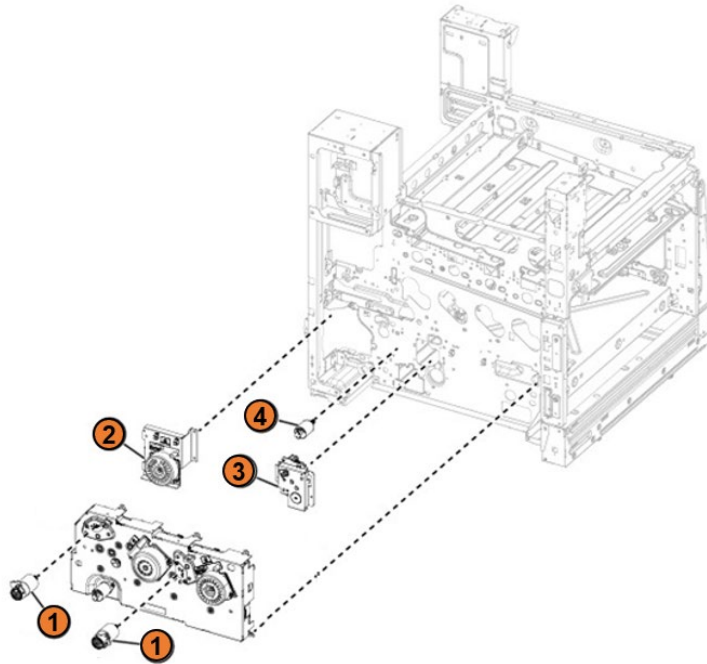


Figure 15.1: Drivetrain

Table 15: Drivetrain - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	DC Motor x2
2	Fuser Motor
3	Tray lift Motor
4	Motor (DC Brush)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 5
 Battery = 0

Section 16: Sensors

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

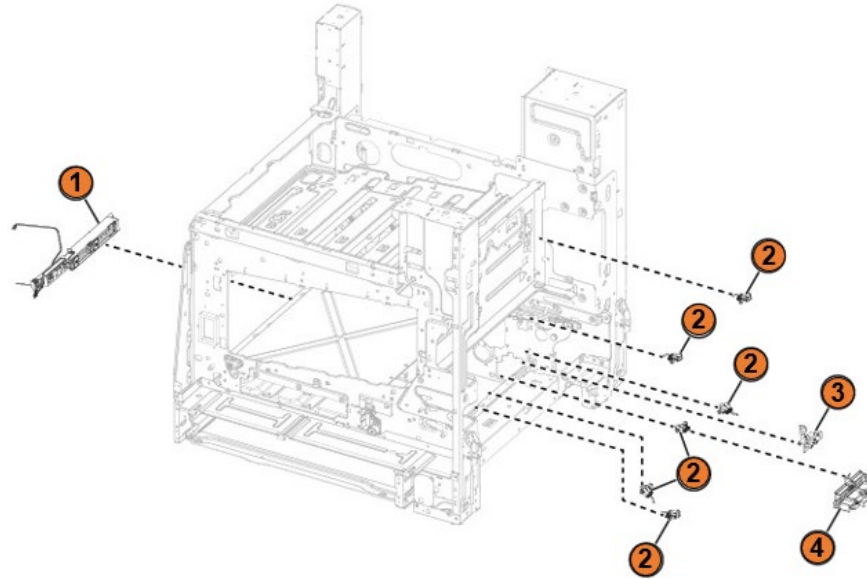


Figure 16.1: Sensors

Table 16: Sensors - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (TPS)
2	Sensor (interrupt) x5
3	Sensor (fuser bubble)
4	Sensor (pass through)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 8
 Battery = 0

Section 17: Flatbed scanner lens

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

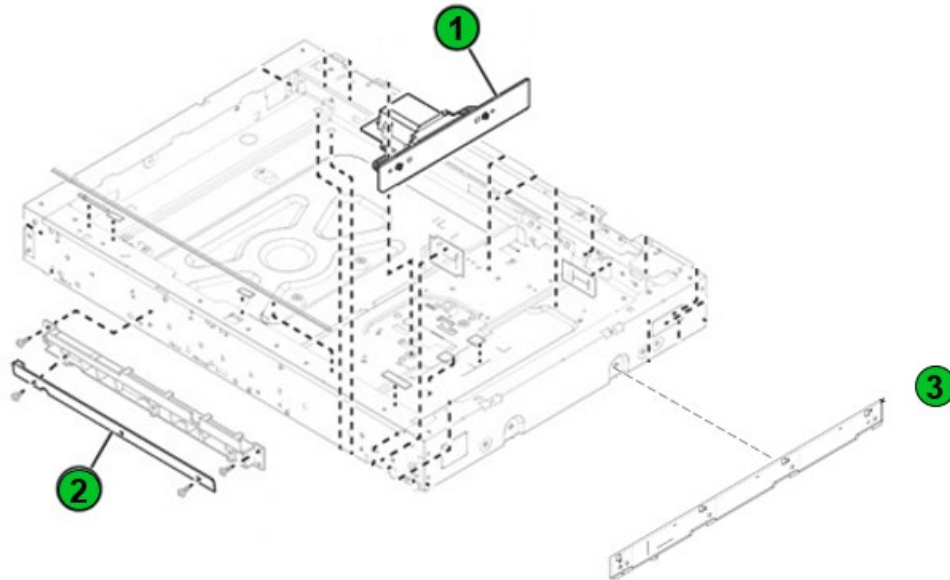


Figure 17.1: Flatbed scanner lens

Table 17: Flatbed scanner lens - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Flatbed scanner CCD
2	Sensor (Paper length)
3	Flatbed LED PCBA

Table Component Count (<i>without options</i>)	
LCD>100cm ²	= 0
PCBs>10cm ²	= 3
BFR Plastics	= 0
Battery	= 0

Section 18: Flatbed scanner lens 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

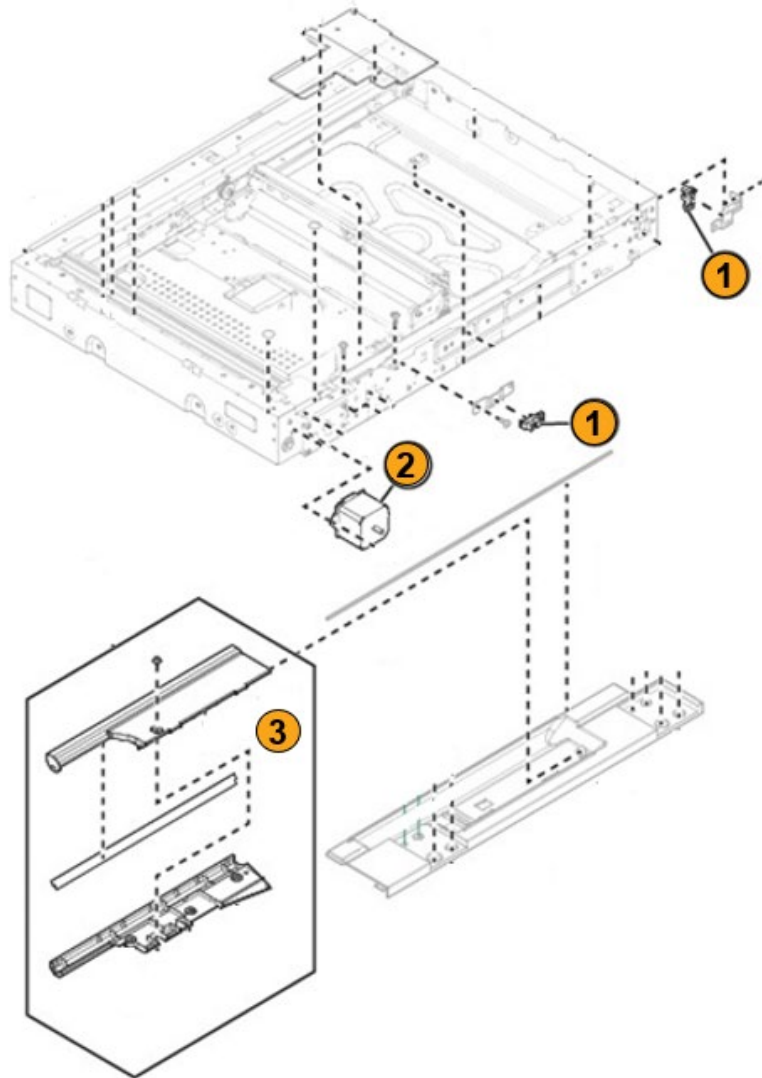


Figure 18.1: Flatbed scanner lens 2

Table 18: Flatbed scanner lens 2 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (interrupt) x2
2	Motor (scanner)
3	Sensor (original length)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 20: Flatbed scanner lamp

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

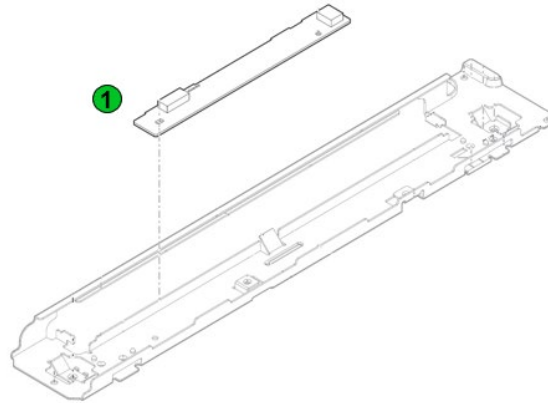


Figure 20.1: Flatbed scanner lamp

Table 20: Flatbed scanner lamp - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Scanner PCBA
Table Component Count (without options)	
LCD>100cm ² = 0	
PCBs>10cm ² = 1	
BFR Plastics = 0	
Battery = 0	

Section 21: ADF Covers

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

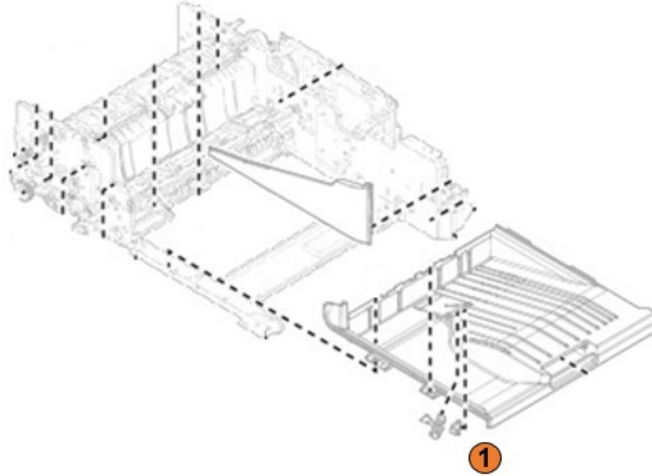


Figure 21.1: Adf Covers

Table 21: ADF Covers - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Exit tray)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 1
 Battery = 0

Section 22: ADF Tray

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

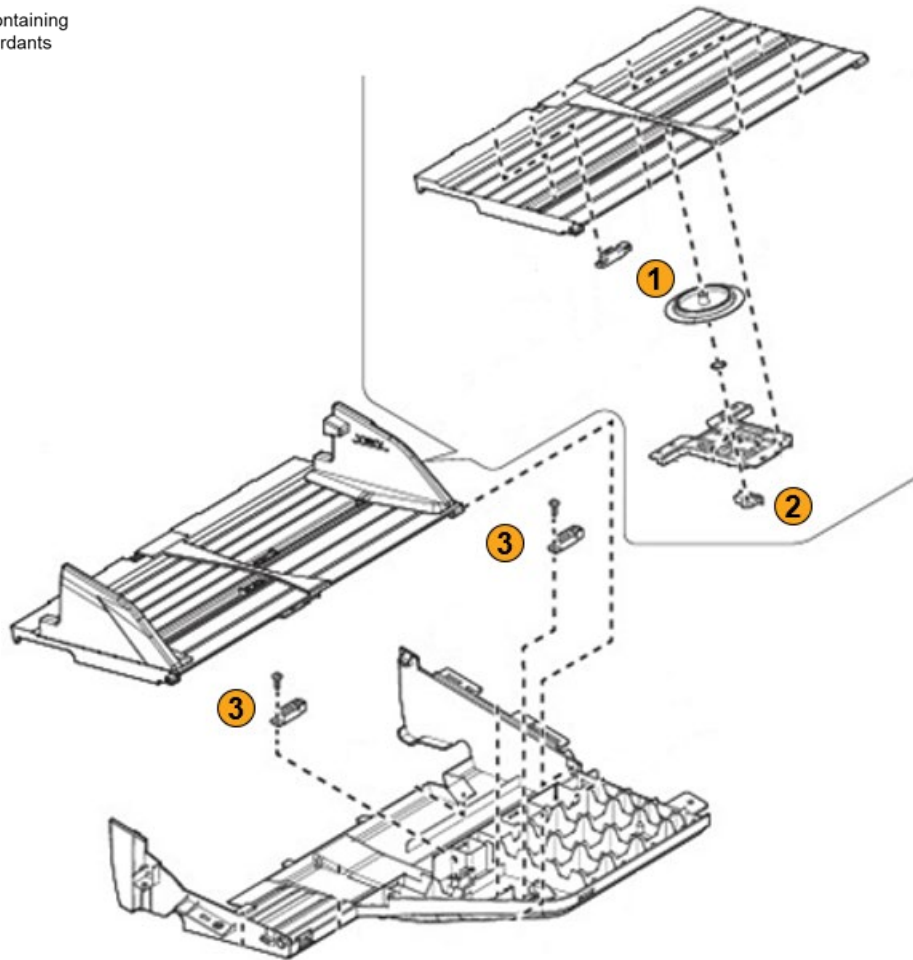


Figure 22.1: ADF Tray

Table 22: ADF Tray - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Document Empty)
2	Sensor (Document width)
3	Sensor (Length) 2x

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 23: ADF top cover

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

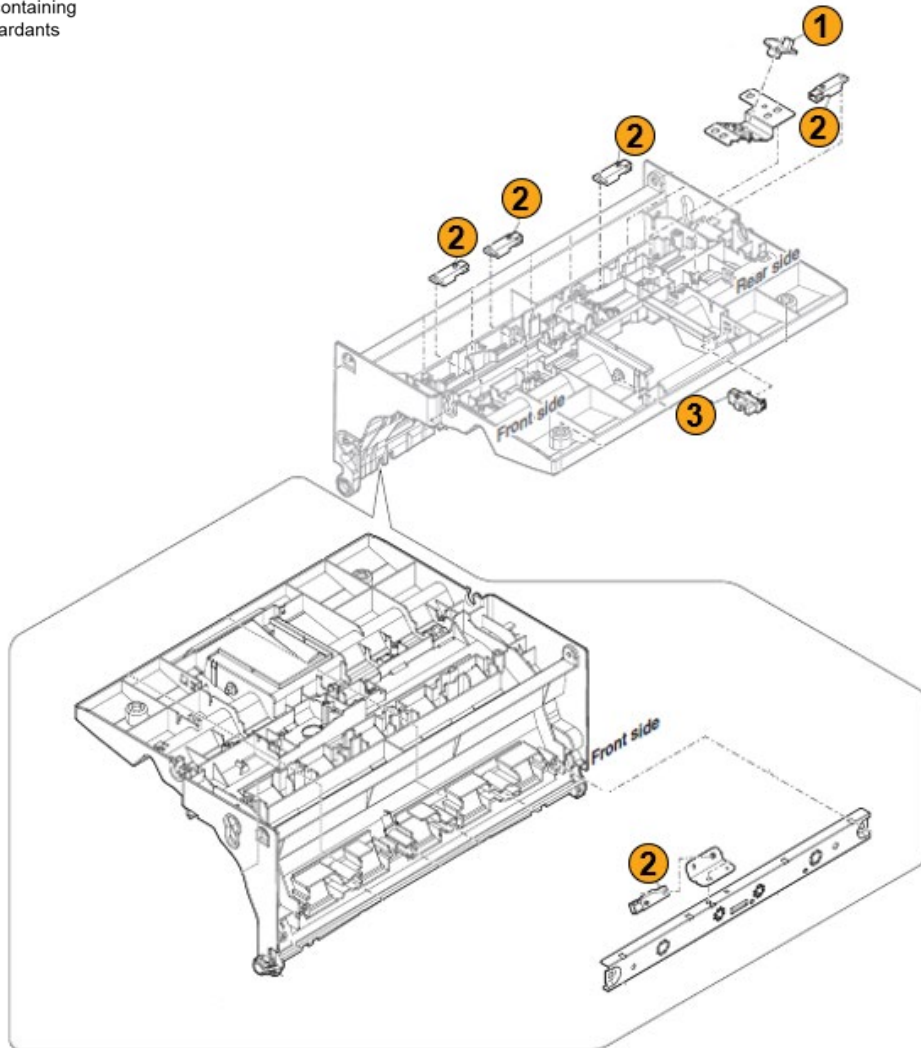


Figure 23.1: ADF top cover

Table 23: ADF top cover - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Feed)
2	Sensor (deskew) 5x
3	Sensor (pass through/ skew)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 7
 Battery = 0

Section 24: ADF Electronics

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

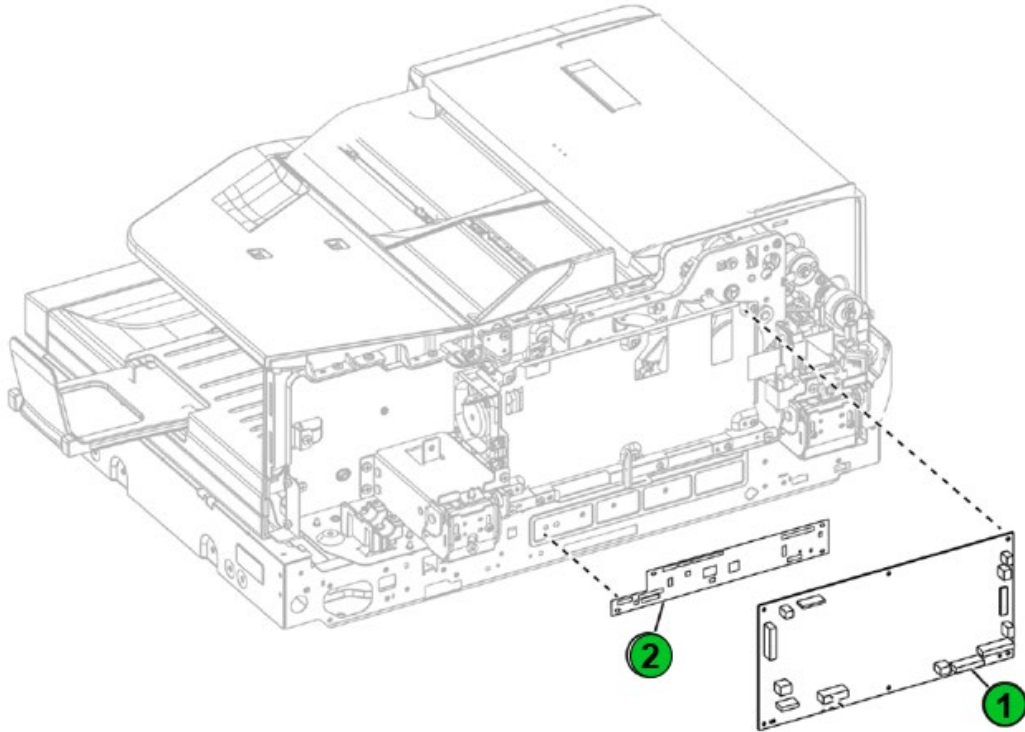


Figure 24.1: ADF Electronics

Table 24: ADF Electronics - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Scanner MDC PCBA
2	Scanner Service Module

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 2
 BFR Plastics = 0
 Battery = 0

Section 25: ADF feed guide

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

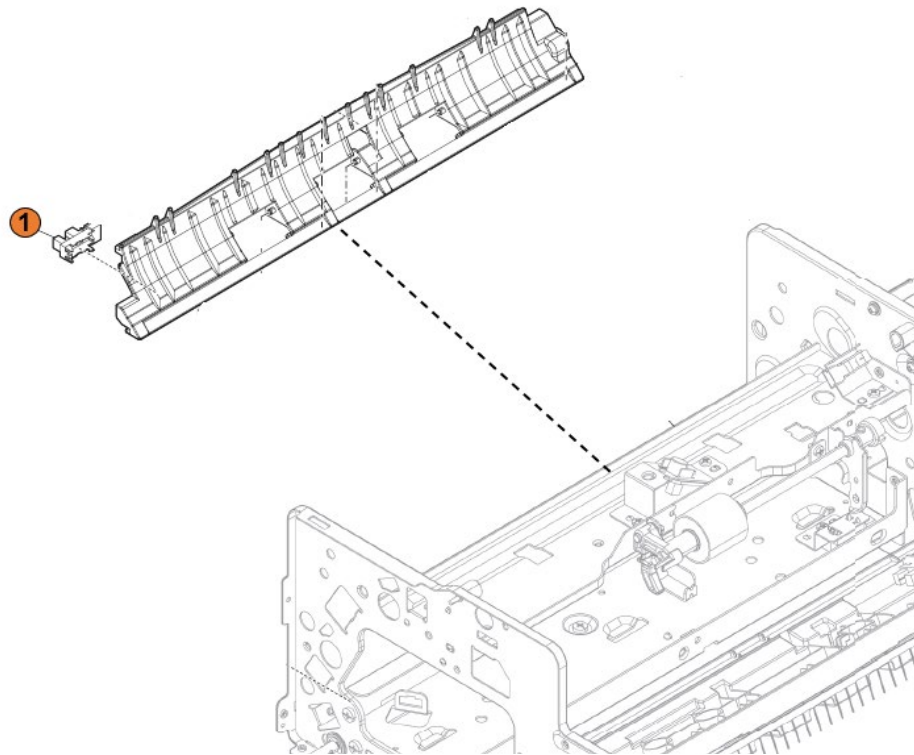


Figure 25.1: ADF feed guide

Table 25: ADF feed guide - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (DSPF open/close)
Table Component Count (without options)	
LCD>100cm ² = 0	
PCBs>10cm ² = 0	
BFR Plastics = 1	
Battery = 0	

Section 26: ADF back side scanner

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

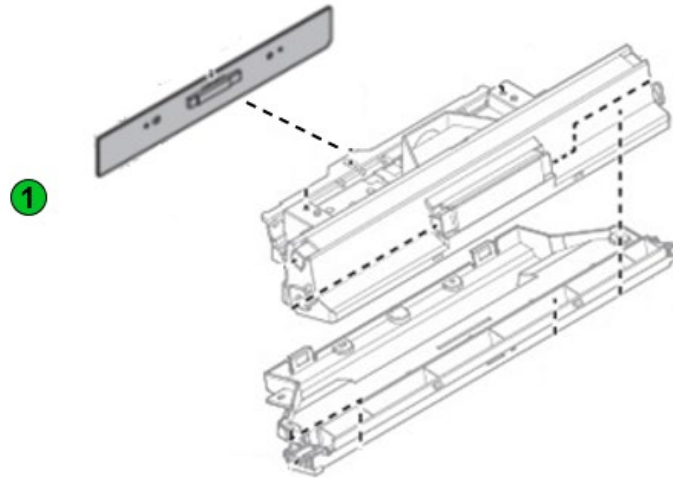


Figure 26.1: ADF back side scanner

Table 26: ADF back side scanner - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	ADF scanner module FFC

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 1
 BFR Plastics = 0
 Battery = 0

Section 27: ADF drive

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

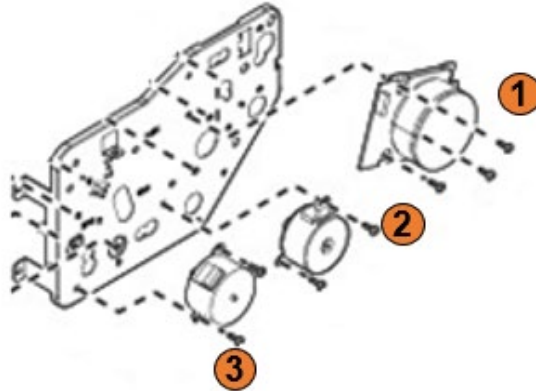


Figure 27.1: ADF drive

Table 27: ADF drive - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Motor (Transport)
2	Motor (Exit)
3	Motor (Lift)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 3
 Battery = 0

Section 28: ADF rollers 1

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

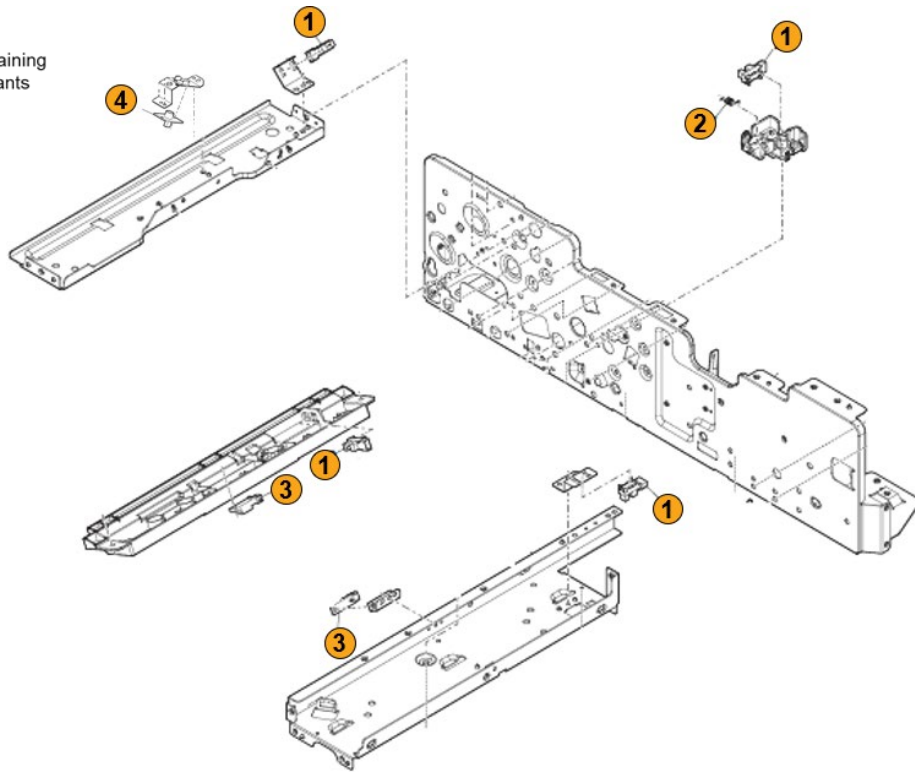


Figure 28.1: ADF rollers 1

Table 28: ADF rollers 1 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Upper/Lower door) 4x
2	Sensor (Feed)
3	Sensor (Pass) 2x
4	Sensor (Multifeed)

Table Component Count (without options)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 8
 Battery = 0

Section 29: ADF rollers 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

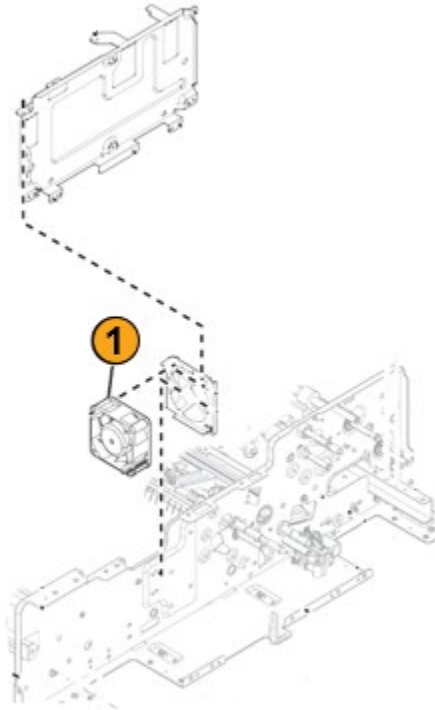


Figure 29.1: ADF rollers 2

Table 29: ADF rollers 2 - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Cooling Fan
Table Component Count (without options)	
LCD>100cm ²	= 0
PCBs>10cm ²	= 0
BFR Plastics	= 1
Battery	= 0

Section 30: For Reference Only (Customer Replaceable Paper handling devices)

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

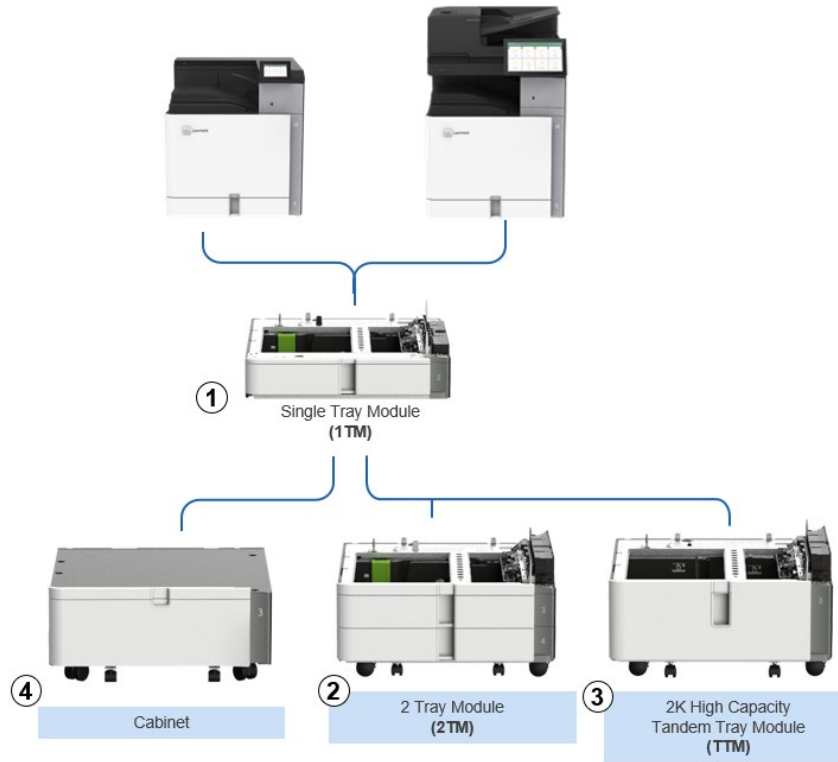


Figure 30.1: Customer Replaceable Paper Handling Devices

Table 30: For Reference Only (Customer Replaceable Paper Handling Devices)

Item	Description
1	Single Tray Module (1TM) ¹
2	2 Tray Module (2TM) ²
3	2k High cap Tandem tray (TTM) ³
4	Cabinet*

1 – Standard on all models with tse or xse
 2 – Standard on all models with tse
 3 – Standard on all models with xse
 Options marked with (*) are non-Electrical and electronic units

Section 31: 550-sheet tray - Electronics

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

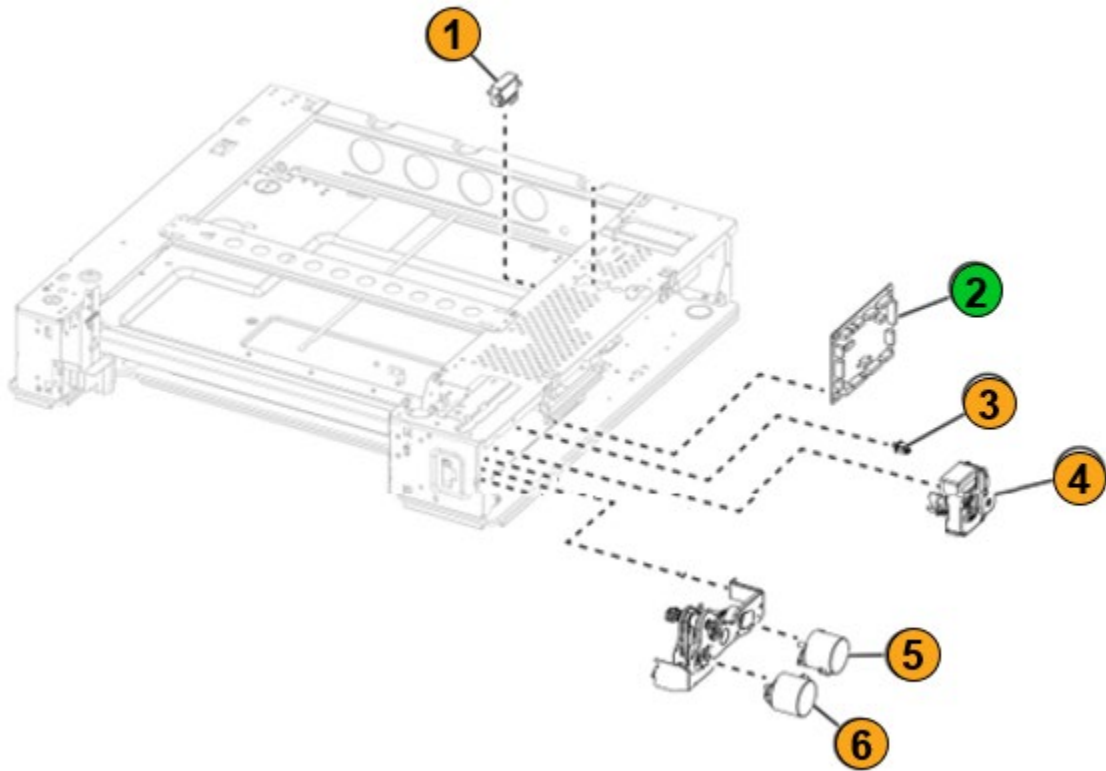


Figure 31.1: : 550-sheet tray - Electronics

Table 31: : 550-sheet tray - Electronics - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Paper size)
2	Controller board
3	Sensor (tray present)
4	Motor (tray lift)
5	Motor (transport)
6	Motor (feed)

Table Component Count (*without options/ Standard on tse and xse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 1
 BFR Plastics = 5
 Battery = 0

Section 32: 550-sheet tray - Feeder

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

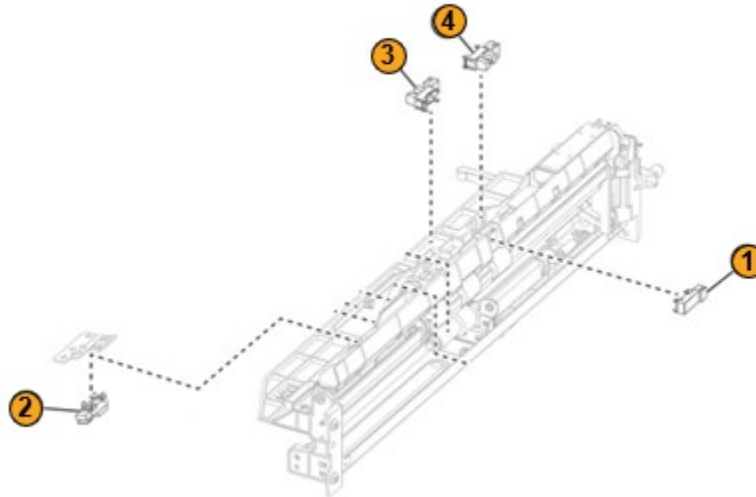


Figure 32.1: 550-sheet tray - Feeder

Table 32: 550-sheet tray - Feeder - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Transport)
2	Sensor (Feed)
3	Sensor (paper present)
4	Sensor (pick)

Table Component Count (*without options/ Standard on tse and xse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 33: 2 x 550-sheet tray - Electronics

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

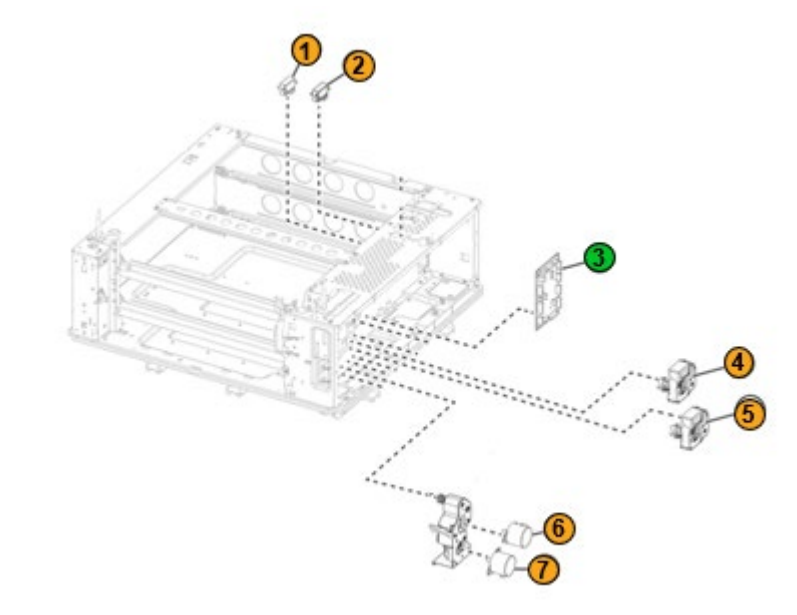


Figure 33.1: 2 x 550-sheet tray - Electronics

Table 33: 2 x 550-sheet tray - Electronics - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Paper size)
2	Sensor (Paper size)
3	Controller board
4	Motor (lift)
5	Motor (lift)
6	Motor (Feed)
7	Motor (transport)

Table Component Count (*without options/ Standard on tse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 1
 BFR Plastics = 6
 Battery = 0

Section 34: 2 x 550-sheet tray - Feeder

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

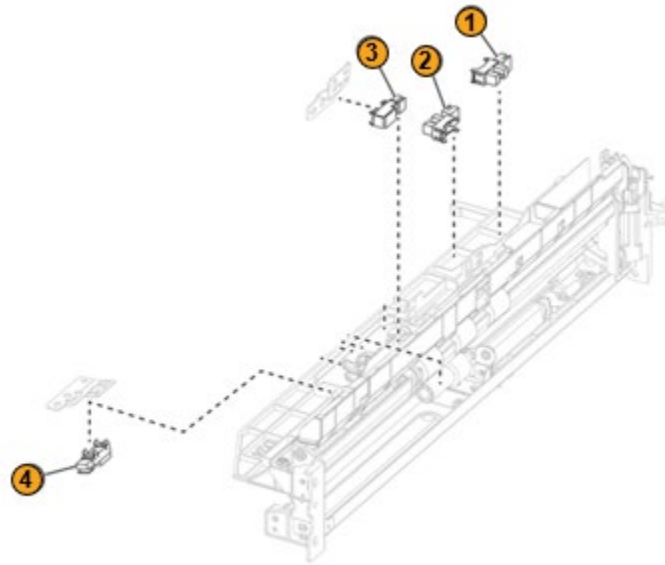


Figure 34.1: 2 x 550-sheet tray - Feeder

Table 34: 2 x 550-sheet tray - Feeder - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (Pick position)
2	Sensor (Paper present)
3	Sensor (Transport)
4	Sensor (Feed)

Table Component Count (*without options/ Standard on tse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 35: 2000-sheet tandem tray - Electronics 1

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

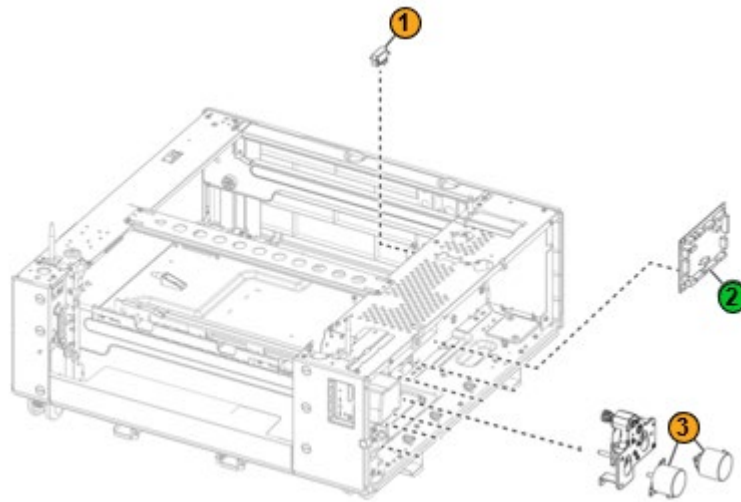


Figure 35.1: 2000-sheet tandem tray - Electronics 1

Table 35: 2000-sheet tandem tray - Electronics 1- Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (paper size)
2	Controller board
3	Motor (feed) (2x)

Table Component Count (*without options/ Standard on xse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 1
 BFR Plastics = 3
 Battery = 0

Section 36: 2000-sheet tandem tray - Electronics 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

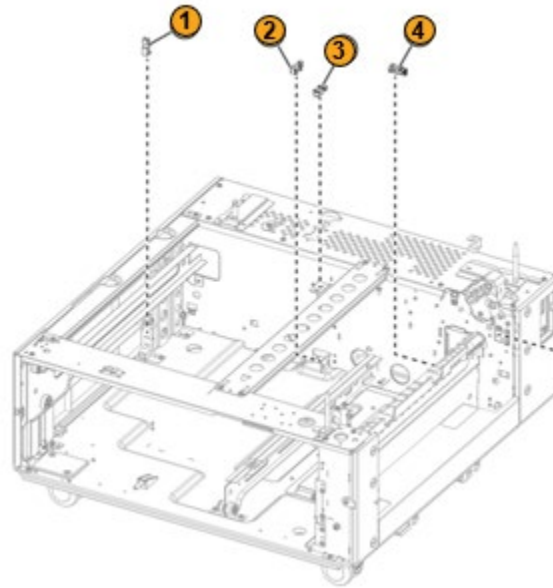


Figure 36.1: 2000-sheet tandem tray - Electronics 2

Table 36: 2000-sheet tandem tray - Electronics 2- Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (guide)
2	Sensor (paper present)
3	Sensor (paper loading)
4	Sensor (lift plate)

Table Component Count (*without options/ Standard on xse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 37: 2000-sheet tandem tray - Feeder

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

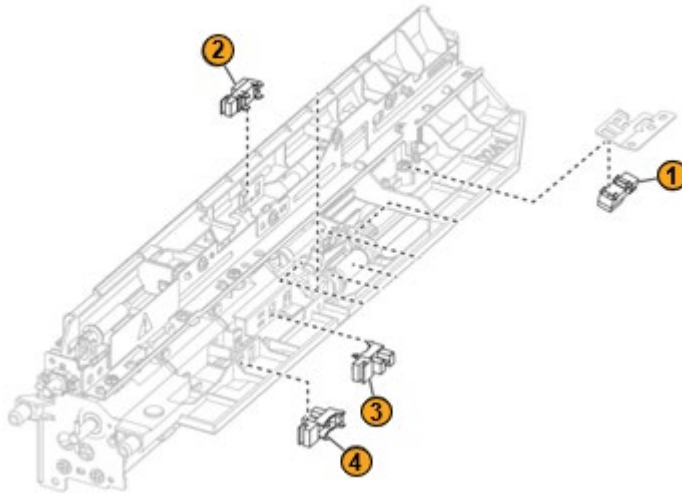


Figure 37.1: 2000-sheet tandem tray - Feeder

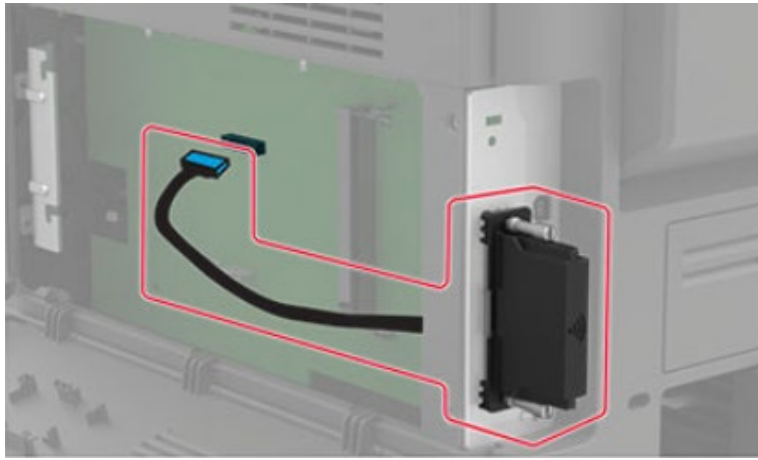
Table 37: 2000-sheet tandem tray - Feeder - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1	Sensor (feed)
2	Sensor (transport)
3	Sensor (paper present)
4	Sensor (pick position)

Table Component Count (*without options/ Standard on xse models only*)

LCD>100cm² = 0
 PCBs>10cm² = 0
 BFR Plastics = 4
 Battery = 0

Section 38: For Reference Only (Customer Replaceable External Card Options)



External Print Servers¹

Note 1: Illustration shows actual options and their typical locations and mounting at the side of the printer. However, this does not show the actual printer model.

Annex A – Printer components with Brominated^S Flame Retardants

Item	Description	Parts Marking	Qty	CS963	CX96nse CX833se	CX96ntse	CX96nxse CX833xse	Location
1	FCC Cable		1	x	x	x	x	Control Panel
2	FCC Cable		1	x	x	x	x	Electronics 1
3	EP cooling Fan		1	x	x	x	x	Electronics 2
4	Cooling Fan		1	x	x	x	x	Electronics 2
5	Fuser Fan		1	x	x	x	x	Electronics 3
6	DC brush motor(2x)		2	x	x	x	x	Tray Feed 1
7	Sensor (index)		1	x	x	x	x	Tray Feed 1
8	Sensor (media present)		1	x	x	x	x	Tray Feed 1
9	Sensor (input)		1	x	x	x	x	Tray Feed 1
10	Sensor (input)		1	x	x	x	x	Tray Feed 1
11	Sensor (duplex staging) 4x		4	x	x	x	x	Tray Feed 2
12	Sensor (fuser buckle)		1	x	x	x	x	Tray Feed 2
13	Sensor (photo interrupt)		1	x	x	x	x	Tray Feed 2
14	Sensor (index)		1	x	x	x	x	Paper Path
15	Sensor (index)		1	x	x	x	x	Paper Path
16	Sensor (fuser bubble)		1	x	x	x	x	Paper Path
17	Sensor (index)		1	x	x	x	x	Paper Path
18	Guide Exit BUR Side	PET-(GF+MD)40 FR(17)	1	x	x	x	x	Fuser
19	Guide Entry	PET-(GF+MD)40 FR(17)	1	x	x	x	x	Fuser
20	Guide BUR Side	PET-(GF+MD)40 FR(17)	1	x	x	x	x	Fuser
21	Guide Exit Belt Side Decurl	PET-(GF+MD)40 FR(17)	1	x	x	x	x	Fuser
22	Sensor (Thermister)		1	x	x	x	x	Fuser
23	Sensor (thermister)		1	x	x	x	x	Fuser
24	Sensor (exit)		1	x	x	x	x	Fuser
25	Solenoid		1	x	x	x	x	Fuser
26	DC Motor		1	x	x	x	x	Redrive
27	DC Motor		1	x	x	x	x	Redrive
28	DC Motor x2		2	x	x	x	x	Drivetrain
29	Fuser Motor		1	x	x	x	x	Drivetrain
30	Tray lift Motor		1	x	x	x	x	Drivetrain
31	Motor (DC Brush)		1	x	x	x	x	Drivetrain
32	Sensor (TPS)		1	x	x	x	x	Sensors
33	Sensor (interrupt)		5	x	x	x	x	Sensors
34	Sensor (fuser)		1	x	x	x	x	Sensors
35	Sensor (pass)		1	x	x	x	x	Sensors
36	Sensor (interrupt) x2		2		x	x	x	Flatbed scanner lens 2

37	Motor (scanner)		1		x	x	x	Flatbed scanner lens 2
38	Sensor (original length)		1		x	x	x	Flatbed scanner lens 2
39	Sensor (exit tray)		1		x	x	x	ADF Covers
40	Sensor (Document Empty)		1		x	x	x	ADF Tray
41	Sensor (Document width)		1		x	x	x	ADF Tray
42	Sensor (Length)		2		x	x	x	ADF Tray
43	Sensor (Feed)		1		x	x	x	ADF top cover
44	Sensor (deskew)		5		x	x	x	ADF top cover
45	Sensor (pass through/ skew)		1		x	x	x	ADF top cover
46	Sensor (DSPF open/close)		1		x	x	x	ADF Feed guide
47	Motor (Transport)		1		x	x	x	ADF Drive
48	Motor (Exit)		1		x	x	x	ADF Drive
49	Motor (Lift)		1		x	x	x	ADF Drive
50	Sensor (Upper/Lower door) 4x		4		x	x	x	ADF Rollers 1
51	Sensor (Feed)		1		x	x	x	ADF Rollers 1
52	Sensor (Pass)		2		x	x	x	ADF Rollers 1
53	Sensor (Multifeed)		1		x	x	x	ADF Rollers 1
54	Cooling Fan		1		x	x	x	ADF Rollers 2
55	Sensor (Paper size)		1	optional	optional	x	x	2 x 550-sheet tray
56	Sensor (Paper size)		1	optional	optional	x	x	2 x 550-sheet tray
57	Motor (lift)		1	optional	optional	x	x	2 x 550-sheet tray
58	Motor (lift)		1	optional	optional	x	x	2 x 550-sheet tray
59	Motor (Feed)		1	optional	optional	x	x	2 x 550-sheet tray
60	Motor (transport)		1	optional	optional	x	x	2 x 550-sheet tray
61	Sensor (Pick position)		1	optional	optional	x	x	2 x 550-sheet tray - Feeder
62	Sensor (Paper present)		1	optional	optional	x	x	2 x 550-sheet tray - Feeder
63	Sensor (Transport)		1	optional	optional	x	x	2 x 550-sheet tray - Feeder
64	Sensor (Feed)		1	optional	optional	x	x	2 x 550-sheet tray - Feeder
65	Sensor (Paper size)		1	optional	optional	x	x	550-sheet tray - Electronics

66	Sensor (tray present)		1	optional	optional	x	x	550-sheet tray - Electronics
67	Motor (tray lift)		1	optional	optional	x	x	550-sheet tray - Electronics
68	Motor (transport)		1	optional	optional	x	x	550-sheet tray - Electronics
69	Motor (feed)		1	optional	optional	x	x	550-sheet tray - Electronics
70	Sensor (Transport)		1	optional	optional	x	x	550-sheet tray - Feeder
71	Sensor (Feed)		1	optional	optional	x	x	550-sheet tray - Feeder
72	Sensor (paper present)		1	optional	optional	x	x	550-sheet tray - Feeder
73	Sensor (pick)		1	optional	optional	x	x	550-sheet tray - Feeder
74	Sensor (paper size)		1	optional	optional		x	2000-sheet tandem tray - Electronics 1
75	Motor (feed) (2x)		2	optional	optional		x	2000-sheet tandem tray - Electronics 1
76	Sensor (guide)		1	optional	optional		x	2000-sheet tandem tray - Electronics 1
77	Sensor (paper present)		1	optional	optional		x	2000-sheet tandem tray - Electronics 1
78	Sensor (paper loading)		1	optional	optional		x	2000-sheet tandem tray - Electronics 1
79	Sensor (lift plate)		1	optional	optional		x	2000-sheet tandem tray - Electronics 1
80	Sensor (feed)		1	optional	optional		x	2000-sheet tandem tray - Feeder
81	Sensor (transport)		1	optional	optional		x	2000-sheet tandem tray - Feeder
82	Sensor (paper present)		1	optional	optional		x	2000-sheet tandem tray - Feeder
83	Sensor (pick position)		1	optional	optional		X	2000-sheet tandem tray - Feeder
Minimum Count (without options) =				44	82	92	103	

Annex B – Printed Circuit Boards >10cm²

Item	Description	Qty	CS963	CX96nse CX833se	CX96ntse	CX96nxse CX833xse	Location
1	Display MFP	1	x	x	x	x	Control Panel
2	LCU Laser PCBA	1	x	x	x	x	Electronics 1
3	Polygon Motor	1	x	x	x	x	Electronics 1
4	Controller board	1	x	x	x	x	Electronics 3
5	HVPS	1	x	x	x	x	Electronics 3
6	Imaging unit electrical contact	1	x	x	x	x	Electronics 3
7	LVPS	1	x	x	x	x	Electronics 3
8	Engine Board	1	x	x	x	x	Electronics 3
9	WIFI card	1	x	x	x	x	Electronics 3
10	Output option PCBA	1	x	x	x	x	Electronics 3
11	Hard drive (optional)	1	Optional	Optional	Optional	Optional	Electronics 3
12	Card Fuser FIC Secure	1	x	x	x	x	Fuser
13	Duplex card	1	x	x	x	x	Duplex
14	Flatbed scanner CCD	1		x	x	x	Flatbed scanner lens
15	Sensor (Paper length)	1		x	x	x	Flatbed scanner lens
16	Flatbed LED PCBA	1		X	x	x	Flatbed scanner lens
17	Scanner service module	1		x	x	x	ADF Electronics
18	Scanner PCBA	1		x	x	x	Flatbed scanner lamp
19	Scanner MDC PCBA	1		x	x	x	ADF Electronics
20	ADF Scanner module FFC	1		x	x	x	ADF back side scanner
21	Controller board	1		x	x	x	ADF rollers 2
22	Contoller board	1	Optional	Optional	x	x	2 x 550-sheet tray - Electronics
23	Contoller board	1	Optional	Optional		x	550-sheet tray - Electronics
24	Contoller board	1	Optional	Optional		x	2000-sheet tandem tray - Electronics 1
Minimum Count (without options) =			12	20	21	23	

Annex C – Electrical and Electronic (EE) Customer Replaceable Paper handling devices

Item	PN	Description	Supported Models	Locations
1	20L8800	550-Sheet Tray	All models	Paper handling devices
2	20L8801	2x550-Sheet Tray	All models	Paper handling devices
3	20L8802	2000-Sheet Tandem Tray - A4	All models	Paper handling devices
4	20L8803	2000-Sheet Tandem Tray - Letter	All models	Paper handling devices
5	20L8804	1500-Sheet High-Capacity Tray	All models	Paper handling devices
6	20L8810	500-Sheet Staple Finisher	All models	Paper handling devices
7	20L8817	Paper Transport	All models	Paper handling devices
8	20L8811	Folding Paper Transport	All models	Paper handling devices
9	20L8812	1250-Sheet Staple 2/3 Hole Punch Finisher	All models	Paper handling devices
10	20L8813	1250-Sheet Staple 2/4 Hole Punch Finisher	All models	Paper handling devices
11	20L8814	2250-Sheet Booklet Staple 2/3 Hole Punch Finisher	All models	Paper handling devices
12	20L8815	2250-Sheet Booklet Staple 2/4 Hole Punch Finisher	All models	Paper handling devices
13	20L8816	Offset Stacker	All models	Paper handling devices

Annex D – Electrical and Electronic (EE) Customer Replaceable Internal/ External Card Options

Item	PN	Description	Supported Models	Locations
1	57X9528	Intelligent Storage Drive	CS963, Std on MFP	
2	27X0420	500GB Hard Disk Drive (SATA)	All Models	Attached to Controller board
3	57X0070	Removable External HDD Kit (Pod Only, HDD not included)		
4	57X0070	Parallel 1284-B Interface Card*		
5	57X0070	SPR ONLY: Limited Quantity Available	All models	External option
6	57X0070	RS-232C Serial Interface Card		
7	57X0070	MarkNet N8230 Fiber Ethernet 100BASE-FX(LC), 1000BASE- SX(LC)	All MFP	Attached to Controller board